AKPIL®

1975

# CATALOGUE

7.10.2026











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Akpil company shall not be liable for mistakes and print errors.



| | | | |
|---|---|---|---|
| [m] | 4,8 | 6,0 | 7,2 |
| X | 80 | 100 | 120 |
| [KM/kW] | 90 / 66 | 120 / 88 | 150 / 110 |
| kg | 1400 | 1600 | 1750 |








**Standard:**

- hydraulic folding for transport,
- spring Ø 16/775 mm
- hydraulic adjustment of the spring working angle
- spring angle adjustment indicator.
- support leg
- transport width 2.5 m
- cat III coupling

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Carbide springs | SWS | |
| 2 | Row of cutting discs Ø 460mm with hydraulic adjustment | RT | |
| 3 | Knife roller o 300mm with shock absorption and hydraulic adjustment (price for 1m) | WN | |
| 4 | Front levelling bar with hydraulic control (price per 1 m) | LW | |
| 5 | Holder for catch crop sowers with a platform and ladder | UP | |
| 6 | Front supporting wheels | KP | |
| 7 | Warning sign | T2 | |
| 8 | LED lights | LED | |

| | | | |
|---|---|---|---|
| 1 | Mulch harrow MULCH 4,8m | MULCH48 | |
| 2 | Mulch harrow MULCH 6,0m | MULCH60 | |
| 3 | Mulch harrow MULCH 7,2m | MULCH72 | |

# NEW!

In seeders with a overpressure system, a single seed is pressed by a stream of air generated by a fan into the hole in the sowing disc, which allows for quick and precise work.

The machine is adapted for precision sowing of seeds such as: corn, rapeseed, beetroot, soybeans, cotton, sunflower.

The seeder is equipped with a telescopic frame, which allows you to change the working width of the section from 45 cm to 75 cm. After folding, it allows you to move on public roads.

The 350-liter fertilizer tank allows you to perform two treatments in one pass, which is the sowing system is independent, while the large 45-liter tanks for seed material placed on each section allow you to sow large areas without losing time to refill them.

The seeder is equipped with ISOBUS, and each section has its own speed measurement (it can be taken from the wheel, radar or GPS) and we can control them independently.

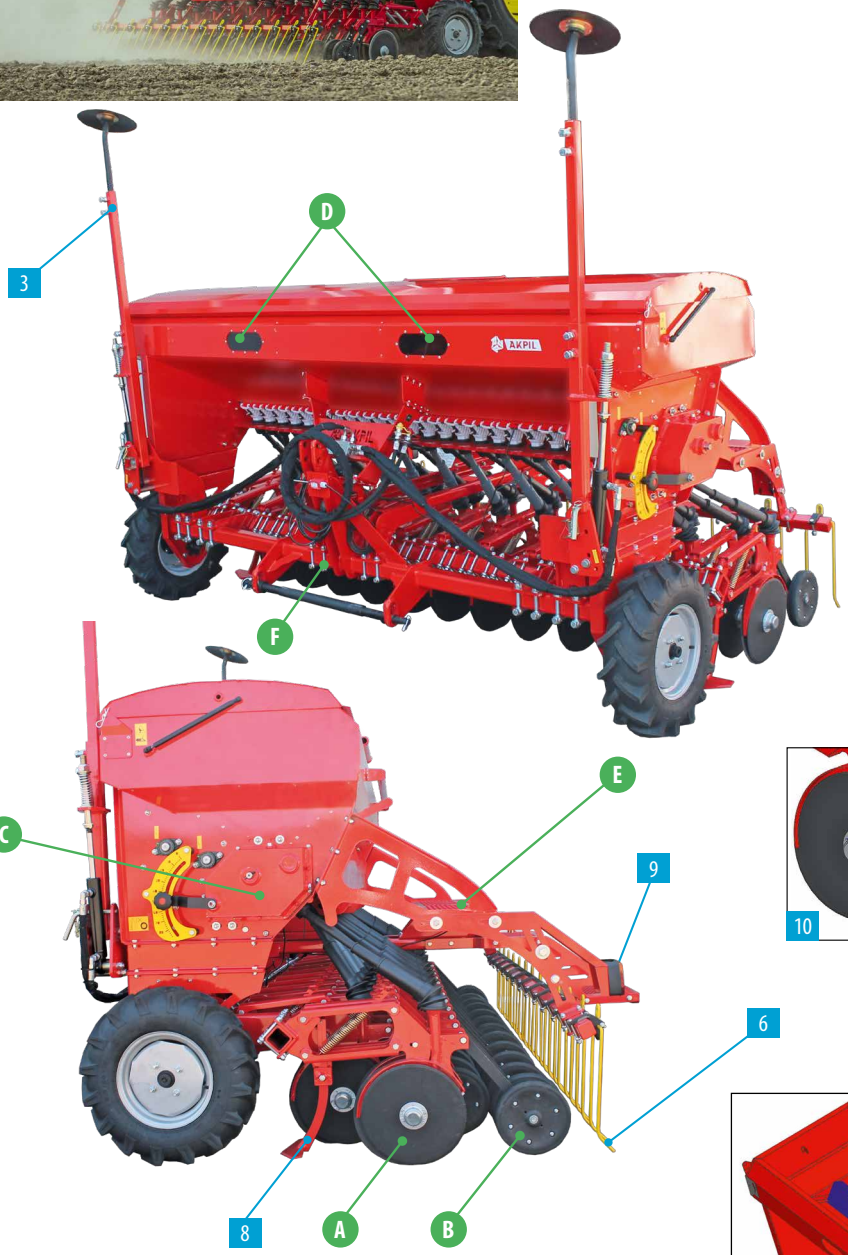
Thanks to the clear display, we can control and regulate the work of the seeder. Each section can work on its own parameters.





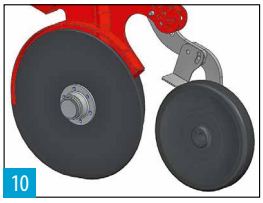


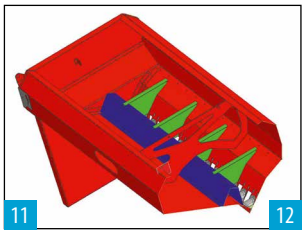
| | | | | |
|---|---|---|---|---|
| [m] | 2.5 | | 3.0 | |
| X | 21 | | 25 | |
| [kg] | 70 | | 70 | |
| [kg] | 35 | | 35 | |
| [mm] | 300 / 350 | | 300 / 350 | |
| L | 730 | | 850 | |
| kg | 790 | 770 | 890 | 870 |

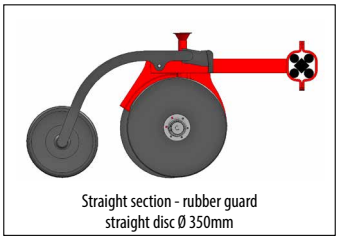


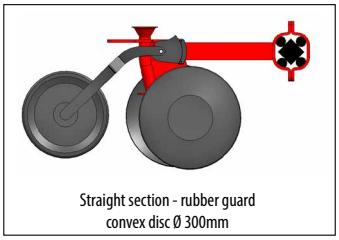


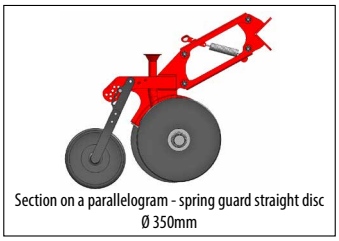


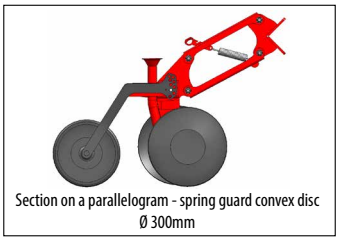


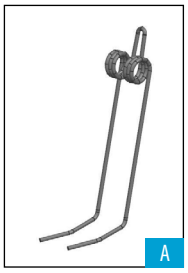



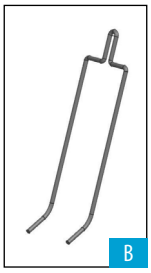


Straight section - rubber guard straight disc Ø 350mm

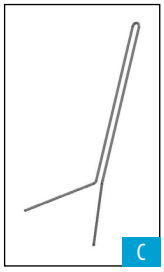

Straight section - rubber guard convex disc Ø 300mm


Section on a parallelogram - spring guard straight disc Ø 350mm


Section on a parallelogram - spring guard convex disc Ø 300mm




## Standard:

- coulter pressure adjustment:
  central (straight sections)
  individual (sections on a parallelogram)
- convex twin-disc coulters Ø 300mm or straight Ø 350mm A
- FLEX packer wheels 250x40mm B
- split sowing wheels
- stepless oil-lubricated transmission C
- sight glass D
- hopper sieve,
- mixer,
- gutters for calibrations tests,
- hopper seed divider,
- central adjustment of bottom flaps,
- seeding table,
- loading platform E
- 6.50.80 R12 tyres,
- floating coupling bar cat. II F

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Straight sowing discs Ø 350mm | TP | |
| 2 | Convex sowing discs Ø 300mm | TW | |
| 3 | Hydraulic markers (2 cylinders) | ZH | |
| 4 | Electronic tram line system with a run counter | ST | |
| 5 | Hydraulic pre-emergence markers | SPH | |
| 6 | Wheel mark eradicators | S | |
| 7 | Stripper fingers on a bar with adjustable pressure (mark the type of fingers in the order) | PB | |
| 8 | Seed drill wheel mark eradicators | SK | |
| 9 | LED lighting | OL | |
| 10 | Scrapers of the seeder wheels | SKR | |
| 11 | Partition reducing the container by about 90% + | PZ | |
| 12 | Separators for working on slopes number of separators per machine from 1 to 8 (price per unit) | SPP | |
| 13 | Upper hitch pin | ZS | |

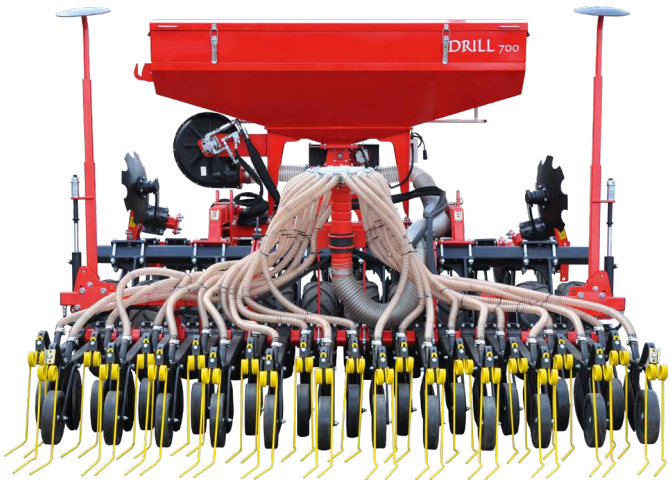
| | | | |
|---|---|---|---|
| 1 | Mechanical seed drill 2.5 m with straight sections | SEED25G | |
| 2 | Mechanical seed drill 2.5 m with sections on a parallelogram | SEED25R | |
| 3 | Mechanical seed drill 3.0m with sections with straight sections | SEED30G | |
| 4 | Mechanical seed drill 3.0m with sections on a parallelogram | SEED30R | |

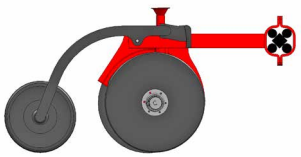



**Standard:**

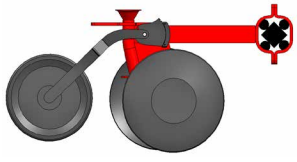
- 1000 L hopper,
- canvas cover with a frame,
- hopper sieve A
- hopper sight glass B
- hopper chute C
- hopper mixer D
- loading platform with a ladder E
- "DRILL ONE" pneumatic sowing system F
- hydraulic motor powered turbine (flow of 40l/min) G
- turbine oil feed flow regulator H
- stepless transmission (sowing range 1-500kg/ha) I
- versatile single spur-wheel unit for all seed sizes J
- convex twin-disk self-cleaning coulter Ø 300mm – with maximum pressure setting of 40 kg/coulter K
- FLEX packer wheels 250x60 mm L
- valve for securing the section for transport with oil flow adjustment M
- row spacing 12.5 cm,
- manometer N
- speed measurement system – copying wheel O
- packer wheel adjustment (sowing depth) P
- set of sowing wheels,
- scale + calibration container,
- set of sowing wheels,
- scale + calibration container,
- notched disc Ø 560x4 mm - type I,
- spacing between disc rows 75 cm,
- transverse division of discs 25 cm,
- mechanical adjustment of disc pitch angle Q
- mechanical adjustment of disc rollers to each other,
- mechanical adjustment of depth on the shaft (trailed variant – hydraulic adjustment) R
- rubber protection of each disc, 35×160 mm,
- maintenance-free bearings S
- coupling pins CAT. II and III,
- mechanically adjusted side deflectors T
- outermost discs lifted mechanically for transport (3.0m version),
- requires 1 pair of hydraulic outputs (2 pairs in the trailed variant),
- transverse reinforcement of supporting profiles (3.5m and 4.0m)
- double-braided hydraulic hoses 330 bar (if present),
- hydraulic locks for all actuators (standard and optional).

| | | | | |
|---|---|---|---|---|
| [m] | 2.5 | 3.0 | 3.5 | 4.0 |
| [mm] | 455 / 510 / 560 | | | |
| X | 20 | 24 | 28 | 32 |
| [cm] | 75 | | | |
| L | 1000 / 1500 | | | |
| x | 20 | 24 | 28 | 32 |
| kg | 2100 | 2300 | 2500 | 2750 |
| [KM/kW] | 120/88 | 130/95 | 140/102 | 150/110 |

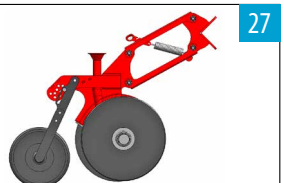


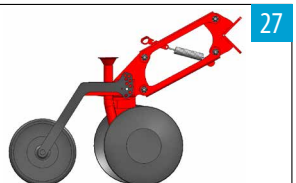
Straight section - rubber guard straight disc Ø 350mm



Straight section - rubber guard convex disc Ø 300mm



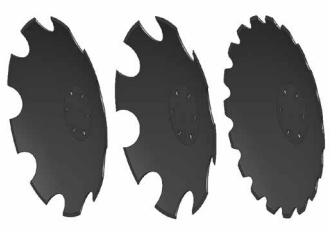

Section on a parallelogram - spring guard straight disc Ø 350mm

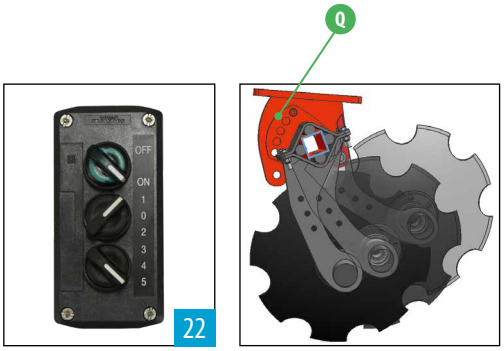



Section on a parallelogram - spring guard convex disc Ø 300mm

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Notched disc 560 mm × 5 mm (price per pc.) type I | T56X5I | |
| 2 | Notched disc 610mm × 6mm (price per pc.) type I | T51X4 | |
| 3 | Notched disc 660mm × 6mm (price per pc.) type I | T45X4 | |
| 4 | Notched disc 560 mm × 5 mm (price per pc.) type II | T56X5II | |
| 5 | Notched disc 610mm × 6mm (price per pc.) type II | T51X4 | |
| 6 | Notched disc 660mm × 6mm (price per pc.) type II | T45X4 | |
| 7 | Notched disc 560 mm × 5 mm (price per pc.) type III | T56X5III | |
| 8 | Notched disc 610mm × 6mm (price per pc.) type III | T51X4III | |
| 9 | Notched disc 660mm × 6mm (price per pc.) type III | T45X4III | |
| 10 | LED lighting (back) | OL | |
| 11 | Warning sign (2 pcs., back) | T2 | |
| 12 | Side disc deflectors with rubber protection and mechanical adjustment (2 pcs.) | DT | |
| 13 | Hopper extension 500 $dm^3$ | N5 | |
| 14 | Electronic tram line system (returning seed into the hopper) | ST | |
| 15 | Hydraulic markers with a flip-flop unit (2 cylinders) (additionally requires 1 pair of hydraulic outputs) | ZH | |
| 16 | Stripper finger with a handle or pendulum stripping finger with a handle (price per piece) - mark the type of fingers in the order | PZ | |
| 17 | Stripping fingers on a bar with press regulation | PB | |
| 18 | Drawbar + transport hydraulics (tyre roller only) (additionally requires 1 pair of hydraulic outputs) | DHT | |
| 19 | Mechanical turbine drive to PTO shaft | MN | |
| 20 | Pre-emergence paths (additionally requires 1 pair of hydraulic outputs) | SP | |
| 21 | Drawbar adjusted with turnbuckle | DS. | |
| 22 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output | PE | |
| 23 | Speed measurement system electronic "GPS" instead of a copying wheel | GPS | |
| 24 | Versatile AK computer | AK | |
| 25 | Divider cover for sowing in every other row (row spacing 25cm) | P1 | |
| 26 | Divider cover for sowing with a half of the drill | PP | |
| 27 | Section on a parallelogram (price per 1 pc.) | SR | |
| 28 | Tractor wheel mark eradicators | SPK | |
| 29 | Scrapers of the seeder pressing wheel | SK | |
| 30 | Upper coupling pin | SZ | |
| **Straight disc Ø 350mm – note in the order** | | | |







**Versatile AK computer**

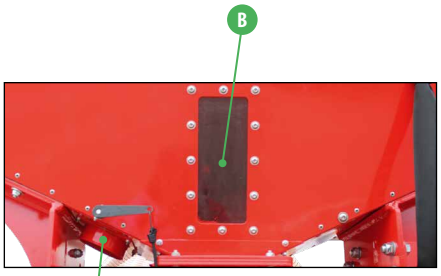
- automatic activation of tram lines (run counter),
- indication of low seed level in the hopper,
- indication of improper operation of the sowing unit and turbine,
- hectare counter

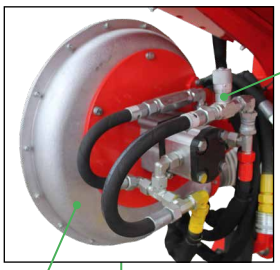


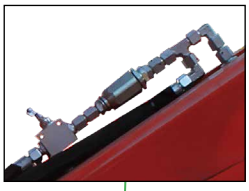

| | | | |
|---|---|---|---|
| 1 | Pneumatic seed drill combination (2.5 m) + tubular roller Ø 530mm | GEPARD DRILL 25R | |
| 2 | Pneumatic seed drill combination (2.5 m) + packer roller Ø 500mm | GEPARD DRILL 25P | |
| 3 | Pneumatic seed drill combination (2.5 m) + rubber roller Ø 530mm | GEPARD DRILL 25G | |
| 4 | Pneumatic seed drill combination (2.5 m) + tyre roller Ø 670mm | GEPARD DRILL 25O | |
| 5 | Pneumatic seed drill combination (3.0 m) + tubular roller Ø 530mm | GEPARD DRILL 30R | |
| 6 | Pneumatic seed drill combination (3.0m) + packer roller Ø 500mm | GEPARD DRILL 30P | |
| 7 | Pneumatic seed drill combination (3.0 m) + rubber roller Ø 530mm | GEPARD DRILL 30G | |
| 8 | Pneumatic seed drill combination (3.0 m) + tyre roller Ø 670mm | GEPARD DRILL 30O | |
| 9 | Pneumatic seed drill combination (3.5 m) + tubular roller Ø 530mm | GEPARD DRILL 35R | |
| 10 | Pneumatic seed drill combination (3.5 m) + packer roller Ø 500mm | GEPARD DRILL 35P | |
| 11 | Pneumatic seed drill combination (3.5 m) + rubber roller Ø 500mm | GEPARD DRILL 35G | |
| 12 | Pneumatic seed drill combination (3.5 m) + tyre roller Ø 670mm | GEPARD DRILL 35O | |
| 13 | Pneumatic seed drill combination (4.0 m) + tubular roller Ø 530mm | GEPARD DRILL 40R | |
| 14 | Pneumatic seed drill combination (4.0m) + packer roller Ø 500mm | GEPARD DRILL 40P | |
| 15 | Pneumatic seed drill combination (4.0 m) + rubber roller Ø 530mm | GEPARD DRILL 40G | |
| 16 | Pneumatic seed drill combination (4.0 m) + tyre roller Ø 670mm | GEPARD DRILL 3400 | |


N

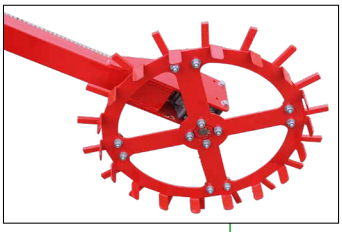

A


B
C

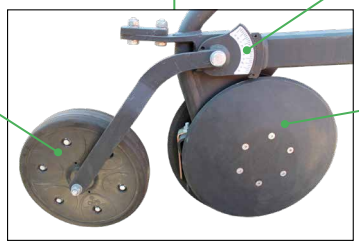

H
G

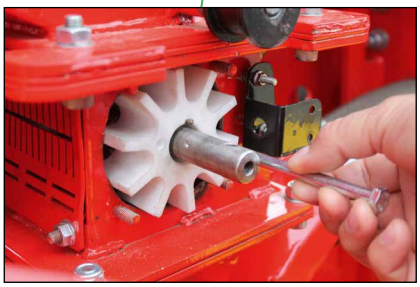

M


F


O

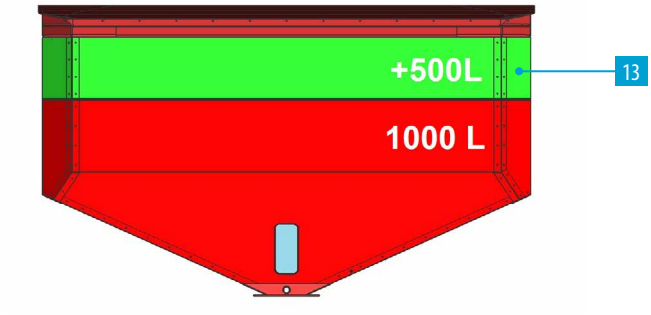

E
15
14
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P
L
K


J
S


R
T
D

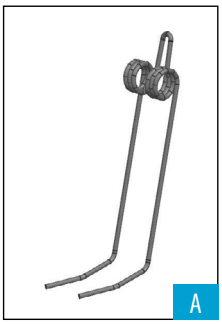

I

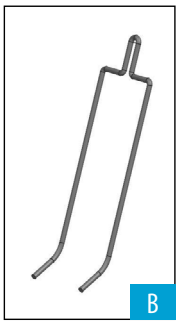

+500L
1000 L
13

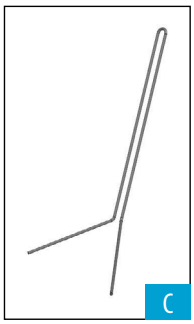

10


12

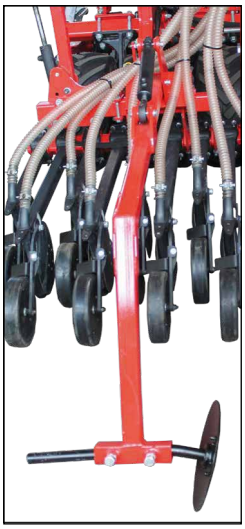

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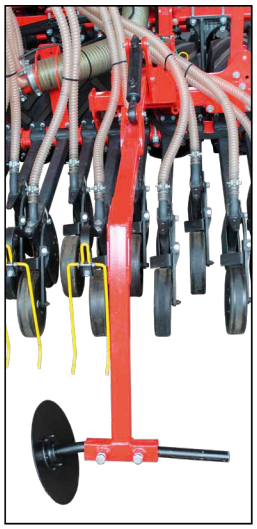

A


B


C


19




20


15

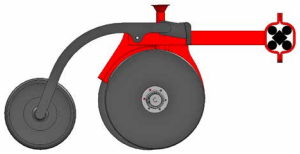



**Standard:**

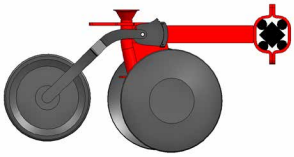
- 1000 L hopper,
- canvas cover with a frame,
- hopper sieve A
- hopper sight glass B
- hopper chute C
- hopper mixer D
- loading platform E
- "DRILL ONE" pneumatic sowing system F
- hydraulic motor powered turbine (flow of 40l/min) G
- turbine oil feed flow regulator H
- stepless transmission (sowing range 1-500kg/ha) I
- versatile single spur-wheel unit for all seed sizes J
- convex twin-disk self-cleaning coulter Ø 300mm – with maximum pressure setting of 40 kg/coulter K
- FLEX packer wheels 250x60 mm L
- row spacing 12.5 cm,
- manometer N
- set of sowing wheels,
- scale + calibration container,
- speed measurement system – copying wheel O
- packer wheel adjustment (sowing depth) P
- set of sowing wheels,
- scale + calibration container,
- knives 30cm Q
- transmission with two output shafts R
- PTO revolutions – 540 and 1000 rpm,
- floating side screens S
- adjustable height of the levelling bar,
- brackets for installing a levelling bar at the front,
- horizontally adjustable coupling T
- protective front barriers U
- adjustment of the distance of each scraper from the shaft,
- adjustment of the scraper bar,
- adjustment of working depth,
- coupling pins CAT. II and III,
- double-braided hydraulic hoses 330 bar,
- "CATTELONI CARDANO" articulated shaft with a clutch

| | | | |
|---|---|---|---|
| [m] | 2,5 | 2,7 | 3,0 |
| X | 11 | 12 | 13 |
| X | 22 | 24 | 26 |
| L | 1000 / 1500 | | |
| x | 20 | 22 | 24 |
| kg | 2200 | 2300 | 2400 |
| [KM/kW] | 125/91 | 135/99 | 145/106 |

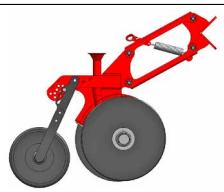


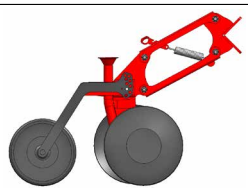
Sekcja prosta - zabezpieczenie gumowe
talerz prosty Ø 350mm



Sekcja prosta - zabezpieczenie gumowe
talerz wypukły Ø 300mm




Sekcja na równoległoboku - zabezpieczenie sprężynowe
talerz prosty Ø 350mm




Sekcja na równoległoboku - zabezpieczenie sprężynowe
talerz wypukły Ø 300mm

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Additional levelling bar | BW | |
| 2 | LED lighting (back) | OL | |
| 3 | Warning sign (2 pcs., back) | T2 | |
| 4 | Hopper extension 500 $dm^3$ | N5 | |
| 5 | Electronic tram line system (returning seed into the hopper) | STE | |
| 6 | Hydraulic markers with a flip-flop unit (2 cylinders) (additionally requires 1 pair of hydraulic outputs) | ZHG | |
| 7 | Stripper finger with a handle or pendulum stripping finger with a handle (price per piece) - mark the type of fingers in the order | PZ | |
| 8 | Stripping fingers on a bar with press regulation | PB | |
| 9 | Mechanical turbine drive to PTO shaft | MN | |
| 10 | Pre-emergence paths (additionally requires 1 pair of hydraulic outputs) | SP | |
| 11 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output | PE | |
| 12 | Speed measurement system electronic "GPS" instead of a copying wheel | GPS | |
| 13 | Versatile AK computer | AK | |
| 14 | Divider cover for sowing in every other row (row spacing 25cm) | P1 | |
| 15 | Divider cover for sowing with a half of the drill | PP | |
| 16 | Section on a parallelogram (price per 1 pc.) | SR | |
| 17 | Scrapers of the seeder pressing wheel | SK | |
| 18 | Upper coupling pin | SZ | |
| **Straight disc Ø 350mm – note in the order** | | | |



12

**Versatile AK computer**

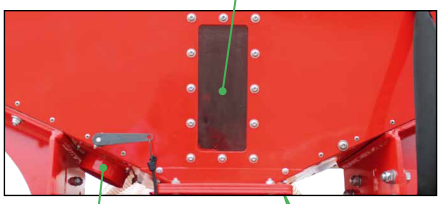
- automatic activation of tram lines (run counter),
- indication of low seed level in the hopper,
- indication of improper operation of the sowing unit and turbine,
- hectare counter

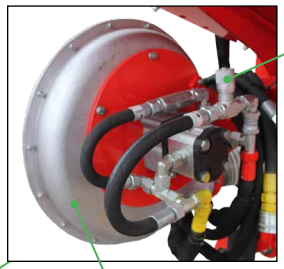
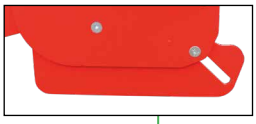


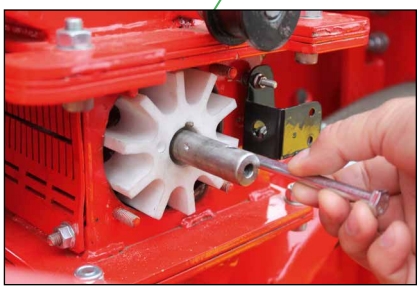
13




| | | |
|---|---|---|
| Power harrow + tubular roller Ø 530mm + levelling bar (2.5 m) | TORNADO A25R | |
| Power harrow + tubular roller Ø 600mm + levelling bar (2.5 m) | TORNADO A25R6 | |
| Power harrow + rubber roller Ø 530 + levelling bar (2.5 m) | TORNADO A25G | |
| Power harrow + packer roller Ø 500 + levelling bar (2.5 m) | TORNADO A25P | |
| Power harrow + tubular roller Ø 530mm + levelling bar (2.7 m) | TORNADO A27R | |
| Power harrow + tubular roller Ø 600mm + levelling bar (2.7 m) | TORNADO A27R6 | |
| Power harrow + rubber roller Ø 530 + levelling bar (2.7 m) | TORNADO A27G | |
| Power harrow + packer roller Ø 500 + levelling bar (2.7 m) | TORNADO A27P | |
| Power harrow + tubular roller Ø 530mm + levelling bar (3.0 m) | TORNADO A30R | |
| Power harrow + tubular roller Ø 600mm + levelling bar (3.0 m) | TORNADO A30R6 | |
| Power harrow + rubber roller Ø 530 + levelling bar (3.0 m) | TORNADO A30G | |
| Power harrow + packer roller Ø 500 + levelling bar (3.0 m) | TORNADO A30P | |

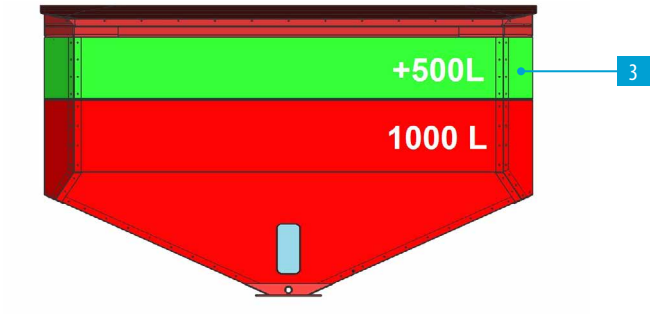


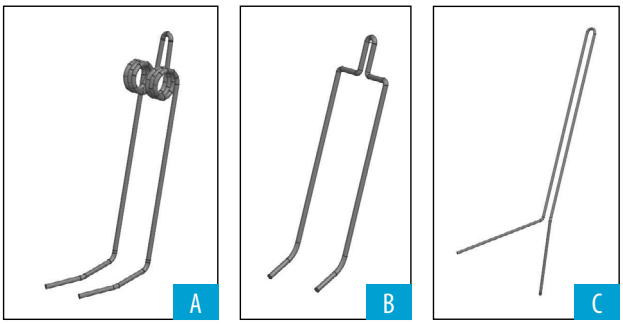


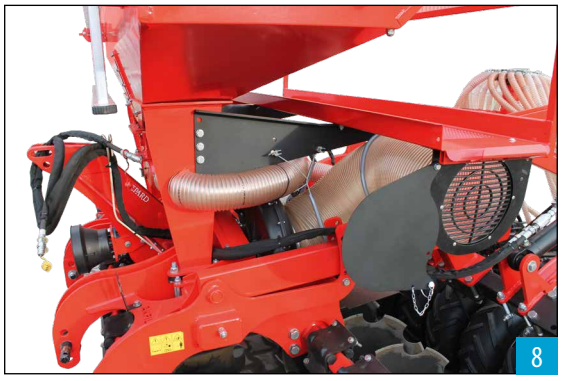
B C N A H G S E J Q R U D I

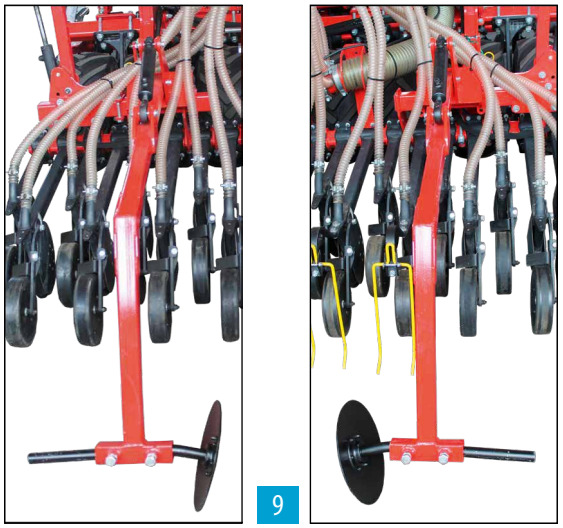

+500L
1000 L
3


1


4


A
B
C


8


9


5




## Standard:

- 1000 L hopper,
- canvas cover with a frame,
- hopper sieve A
- hopper sight glass B
- hopper chute C
- hopper mixer D
- loading platform E
- "DRILL ONE" pneumatic sowing system F
- hydraulic motor powered turbine (flow of 40l/min) G
- turbine oil feed flow regulator H
- stepless transmission (sowing range 1-500kg/ha) I
- versatile single spur-wheel unit for all seed sizes J
- convex twin-disk self-cleaning coulter Ø 300mm – with maximum pressure setting of 40 kg/coulter K
- FLEX packer wheels 250x60 mm L
- row spacing 12.5 cm,
- manometer N
- set of sowing wheels,
- scale + calibration container,
- speed measurement system – copying wheel O
- packer wheel adjustment (sowing depth) P
- set of sowing wheels,
- scale + calibration container,
- coupling pins CAT. II and III,
- double-braided hydraulic hoses 330 bar,

| | | | |
|---|---|---|---|
| [m] | 2.5 | 3.0 | 3.5 |
| L | 1000 / 1500 | | |
| x | 20 | 24 | 28 |
| kg | 600 | 700 | 800 |
| [KM/kW] | 40/29 | 50/37 | 60/44 |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | LED lighting (back) | OL | |
| 2 | Warning sign (2 pcs., back) | T | |
| 3 | Hopper extension 500 $dm^3$ | N5 | |
| 4 | Electronic tram line system (returning seed into the hopper) | STE | |
| 5 | Hydraulic markers with a flip-flop unit (2 cylinders) (additionally requires 1 pair of hydraulic outputs) | ZHG | |
| 6 | Stripper finger with a handle or pendulum stripping finger with a handle (price per piece) - mark the type of fingers in the order | PZ | |
| 7 | Stripping fingers on a bar with press regulation | PZW | |
| 8 | Mechanical turbine drive to PTO shaft | MN | |
| 9 | Pre-emergence paths (additionally requires 1 pair of hydraulic outputs) | SPH | |
| 10 | Speed measurement system electronic "GPS" instead of a copying wheel | GPS | |
| 11 | Versatile AK computer | AK | |
| 12 | Divider cover for sowing in every other row (row spacing 25cm) | P1 | |
| 13 | Divider cover for sowing with a half of the drill | PP | |
| 14 | Section on a parallelogram (price per 1 pc.) | SR | |
| 15 | Scrapers of the seeder pressing wheel | SK | |
| 16 | Upper coupling pin | SZ | |
| **Straight disc Ø 350mm – note in the order** | | | |







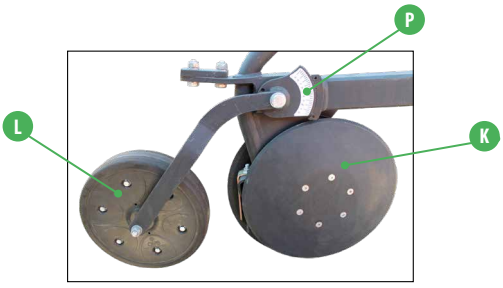
**Versatile AK computer**

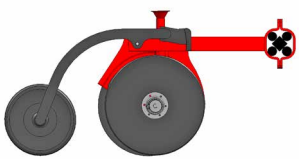
- automatic activation of tram lines (run counter),
- indication of low seed level in the hopper,
- indication of improper operation of the sowing unit and turbine,
- hectare counter



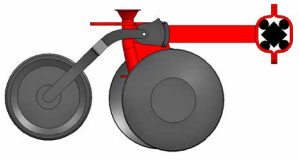

11



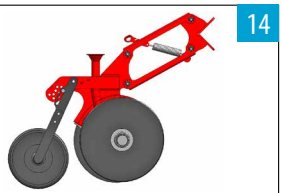


Straight section - rubber guard straight disc Ø 350mm

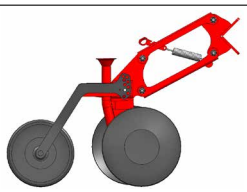


Straight section - rubber guard convex disc Ø 300mm



14

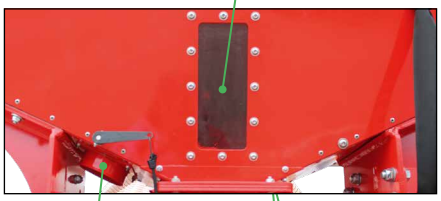
Section on a parallelogram - spring guard straight disc Ø 350mm



14

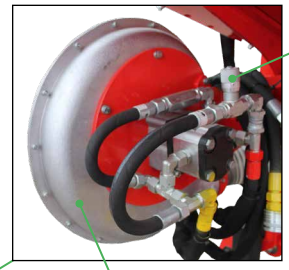
Section on a parallelogram - spring guard convex disc Ø 300mm

| | |
|---|---|
| DRILL25 | |
| DRILL30 | |
| DRILL35 | |

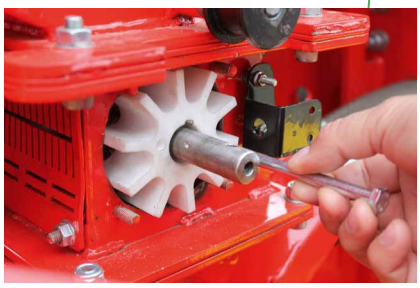

B
C


N


A

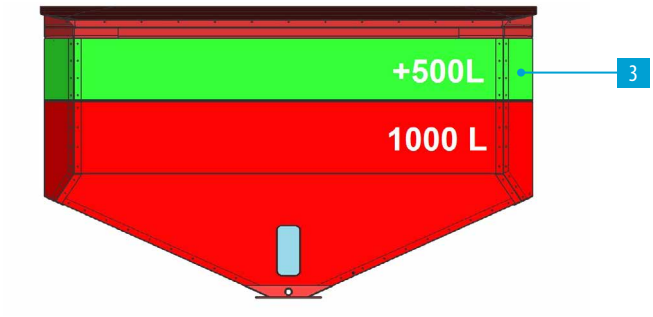

H
G


AKPIL
DRILL 500
J
E



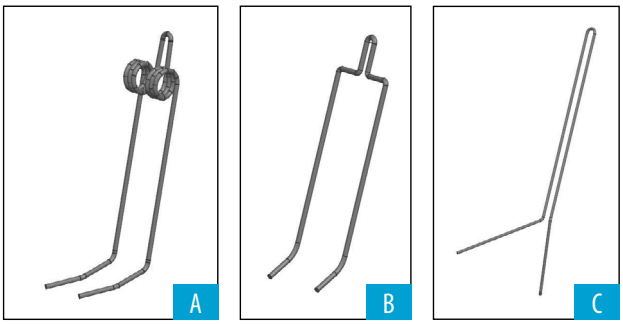

D


I


+500L
1000 L
3

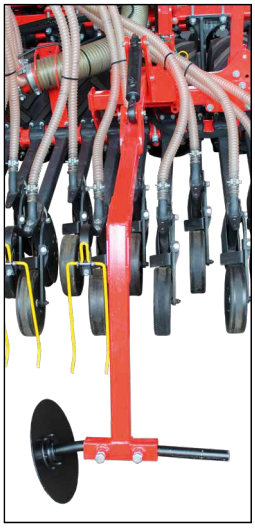

1


4


A
B
C


8


9




5

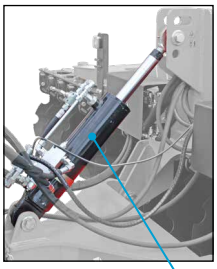


(6,0m)

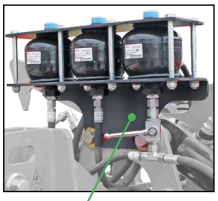


20

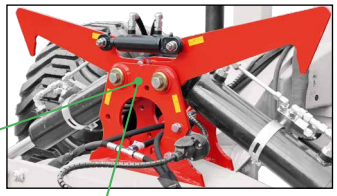
| [m] | 4,0 | 4,5 | 5,0 | 5,5 | 6,0 |
|---|---|---|---|---|---|
| [mm] | 660 x 6 | | | | |
| X | 32 | 36 | 40 | 44 | 48 |
| [cm] | 130 | | | | |
| [KM/kW] | 220/147 | 225/165 | 250/183 | 275/202 | 300/220 |
| kg | 4500 | 4700 | 4950 | 5200 | 5450 |
| kg | 6500-8700 | 6750-9000 | 7000-9200 | 7250-9500 | 7500-9700 |



15



D

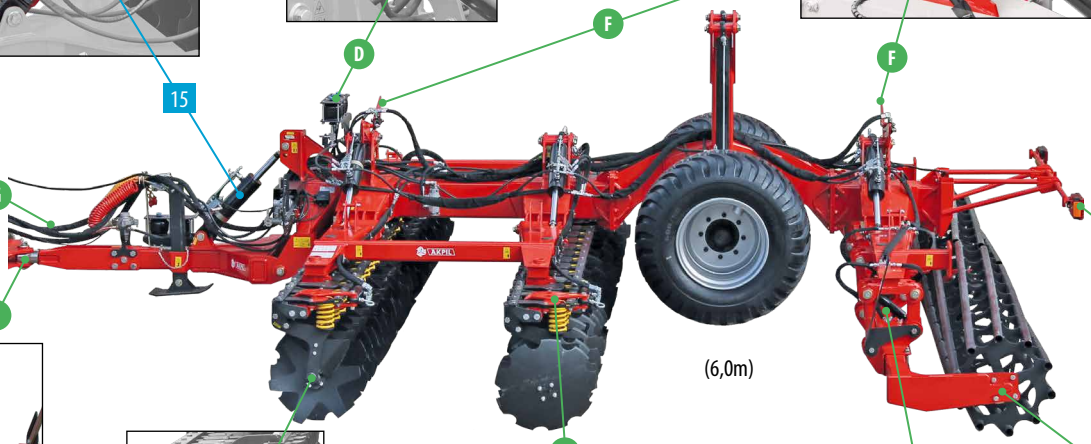


F

F



G



(6,0m)

H

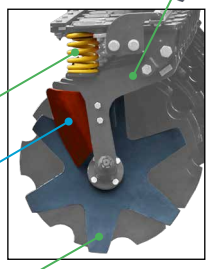


I

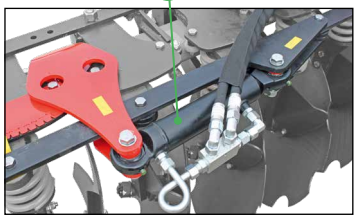


C

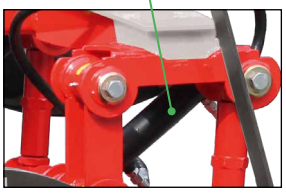
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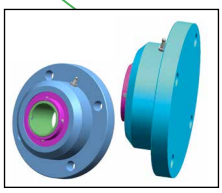
B



E



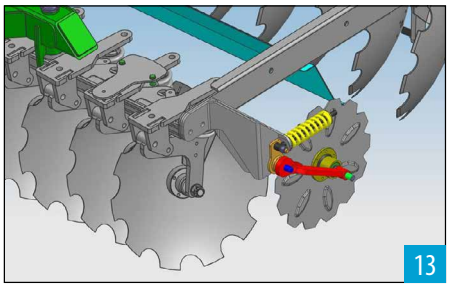
J



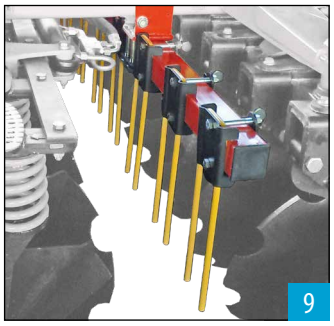
A



(6,0m)



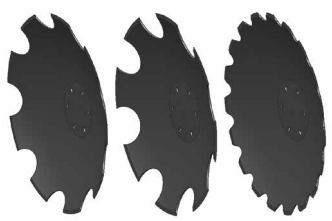
13

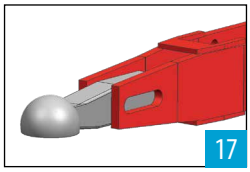

9

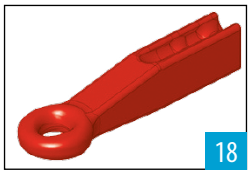

10


11


12


type I type II type III


17


18

## Standard:

- notched disc Ø 660 × 6 mm **type I**, (high quality discs – manufactured by AKPIL),
- spacing between disc rows 130 cm,
- transverse division of discs 25 cm,
- outermost star discs A
- hydraulic adjustment of pitch angle of front and back discs (independent adjustment) B
- indicators of pitch angle of the discs,
- spring guard of each disc C
- maintenance-free bearing with labyrinth guard,
- hydraulic accumulators for actuators D
- hydraulic depth adjustment on the roller E
- indicator of working depth,
- hydraulic folding for transport,
- hydraulic and mechanical roller locking for transport – automatic F
- hydraulically lifted transport wheels - 600/50-22.5 – tyre width 60cm
- pneumatic dual circuit brakes,
- Electric switch to control the hydraulic system from the cabin (solenoid valves) G
- LED lights back and front H
- coupling bar CAT. III – L = 825 mm I
- required 2 pairs of hydraulic outputs
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional),
- barrel bearing in a dust protection housing for rollers J
- Full screen between discs rollers.
- Central lubrication at 4 carriers points.

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Discs 660mm × 6mm (price per pc.) type II | 66II | |
| 2 | Discs 660mm × 6mm (price per pc.) type III | 66III | |
| 3 | Disc scrapers (price per pc.) 4.0 m – 32 pcs.; 4.5 m – 36 pcs.; 5.0 m – 40 pcs.; 5.5 m – 44 pcs.; 6.0 m – 48 pcs. | ST | |
| 4 | Skids with frame for spring roller (price per 1 m) | PS | |
| 5 | Skid plate for spring roller (price per pc.) 4.0 m – 20 pcs.; 4.5 m – 22 pcs.; 5.0 m – 26 pcs.; 5.5 m – 28 pcs.; 6.0 m – 30 pcs. | NP | |
| 6 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 7 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 8 | Scrapers for rubber roller (price per 1 m) | SG | |
| 9 | Screen of spring rakes behind the disc shafts | EZT | |
| 10 | Screen of spring rakes behind the roller | EZZ | |
| 11 | Side plate deflectors adjustable mechanically (2 pcs.) | D | |
| 12 | Side disc deflectors adjustable mechanically (2 pcs.) | DT | |
| 13 | Side disc deflectors adjustable mechanically with spring protection (2 pcs.) | DTS | |
| 14 | Drawbar adjusted with turnbuckle | DS | |
| 15 | Hydraulic drawbar (controlled via electric switch) | DH | |
| 16 | Hydraulic brakes (note in order) | HH | |
| 17 | Ball coupling K80 (80 mm) (for Hitch) – available only with option 14 | ZK | |
| 18 | Eye coupling (for Hitch) Ø40 or Ø50 or Ø55 mm – available only with option 14 | Z40 / Z50 / Z55 | |
| 19 | Coupling bar CAT. III – L = 965 mm | B3 | |
| 20 | Coupling bar CAT. IV - L = 1166 mm | B4 | |
| 21 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 22 | Wedges with brackets under the wheels | K | |
| 23 | Warning signs (4 pcs.) | T4 | |
| 24 | Tractor wheel mark eradicators | SPK | |
| 25 | Section rollers for reversing (fig. p. 75) | WDZ | |
| 26 | Full screen between the discs rollers | EP | |
| 27 | Knife roller ø 300mm with shock absorption and hydraulic adjustment (price for 1m)(cena za 1m) | WN | |
| 28 | Rubber spring bump stops (1pc) | OGS | |

**Photos of rollers and options – pages 76, 77**





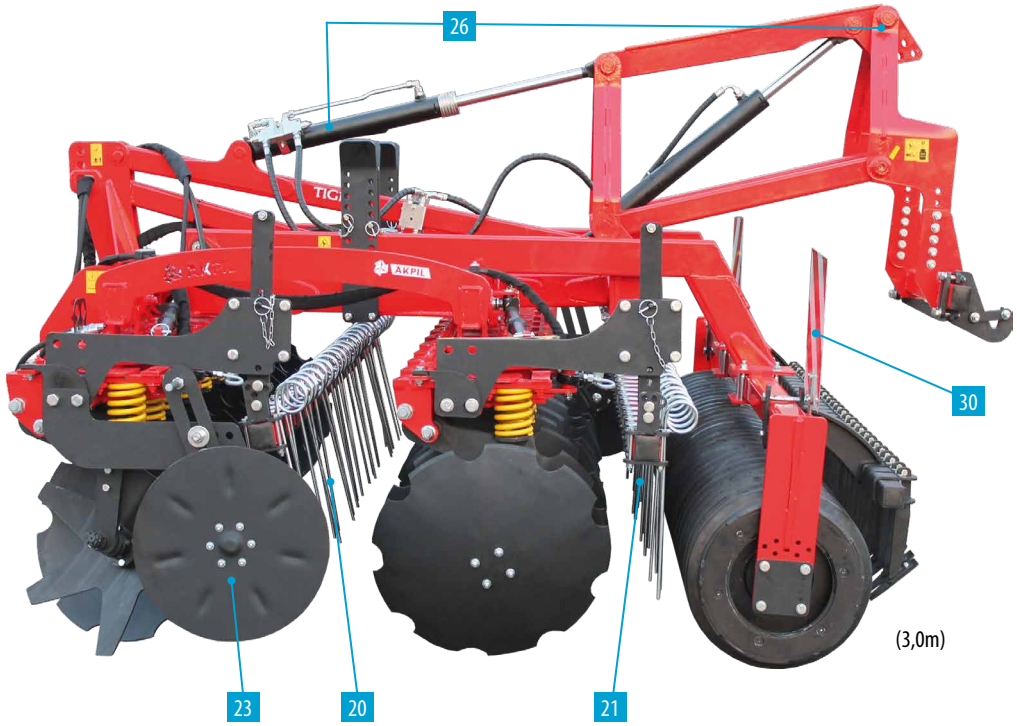

TIGRE
AKPIL



| | | | |
|---|---|---|---|
| 1 | TIGRE XL (4.0 m) + smooth roller Ø 508 mm | TIGREXL40GL | |
| 2 | TIGRE XL (4.0 m) + tubular roller Ø 600 mm | TIGREXL40R6 | |
| 3 | TIGRE XL (4.0 m) + flat roller Ø 600 mm | TIGREXL40PL6 | |
| 4 | TIGRE XL (4.0 m) + string roller Ø 600 mm | TIGREXL40ST6 | |
| 5 | TIGRE XL (4.0 m) + tubular flat roller Ø 600 mm | TIGREXL40RP6 | |
| 6 | TIGRE XL (4.0 m) + tubular string roller Ø 600 mm | TIGREXL40RS6 | |
| 7 | TIGRE XL (4.0 m) + spring roller Ø 600 mm | TIGREXL40SP | |
| 8 | TIGRE XL (4.0 m) + packer roller Ø 500 mm | TIGREXL40P | |
| 9 | TIGRE XL (4.0 m) + v-ring roller Ø 600 mm | TIGREXL40D | |
| 10 | TIGRE XL (4.0 m) + segment roller Ø 500 mm | TIGREXL40S | |
| 11 | TIGRE XL (4.0 m) + segment roller 2020 Ø 500 mm | TIGREXL40S2 | |
| 12 | TIGRE XL (4,0 m) + double spike roller | TIGREXL40K | |
| 13 | TIGRE XL (4.0 m) + rubber roller Ø 530 mm | TIGREXL40G | |
| 14 | TIGRE XL (4.0 m) + tyre roller Ø 800mm | TIGREXL40O | |
| 15 | TIGRE XL (4.0 m) + c-ring roller Ø 540 mm | TIGREXL40C | |
| 16 | TIGRE XL (4.0 m) + tandem c-ring roller Ø 540 mm | TIGREXL40CT | |
| 17 | TIGRE XL (4.5m) + smooth roller Ø 508 mm | TIGREXL45GL | |
| 18 | TIGRE XL (4.5m) + tubular roller Ø 600 mm | TIGREXL45R6 | |
| 19 | TIGRE XL (4.5m) + flat roller Ø 600 mm | TIGREXL45PL6 | |
| 20 | TIGRE XL (4.5m) + string roller Ø 600 mm | TIGREXL45ST6 | |
| 21 | TIGRE XL (4.5m) + tubular flat roller Ø 600 mm | TIGREXL45RP6 | |
| 22 | TIGRE XL (4.5m) + tubular string roller Ø 600 mm | TIGREXL45RS6 | |
| 23 | TIGRE XL (4.5m) + spring roller Ø 600 mm | TIGREXL45SP | |
| 24 | TIGRE XL (4.5m) + packer roller Ø 500 mm | TIGREXL45P | |
| 25 | TIGRE XL (4.5m) + v-ring roller Ø 600 mm | TIGREXL45D | |
| 26 | TIGRE XL (4.5m) + segment roller Ø 500 mm | TIGREXL45S | |
| 27 | TIGRE XL (4.5m) + segment roller 2020 Ø 500 mm | TIGREXL45S2 | |
| 28 | TIGRE XL (4,5m) + double spike roller | TIGREXL45K | |
| 29 | TIGRE XL (4.5m) + rubber roller Ø 530 mm | TIGREXL45G | |
| 30 | TIGRE XL (4.5m) + tyre roller Ø 800mm | TIGREXL45O | |
| 31 | TIGRE XL (4.5m) + c-ring roller Ø 540 mm | TIGREXL45C | |
| 32 | TIGRE XL (4.5m) + tandem c-ring roller Ø 540 mm | TIGREXL45CT | |
| 33 | TIGRE XL (5.0m) + smooth roller Ø 508 mm | TIGREXL50GL | |
| 34 | TIGRE XL (5.0m) + tubular roller Ø 600 mm | TIGREXL50R6 | |
| 35 | TIGRE XL (5.0m) + flat roller Ø 600 mm | TIGREXL50PL6 | |
| 36 | TIGRE XL (5.0m) + string roller Ø 600 mm | TIGREXL50ST6 | |
| 37 | TIGRE XL (5.0m) + tubular flat roller Ø 600 mm | TIGREXL50RP6 | |
| 38 | TIGRE XL (5.0m) + tubular string roller Ø 600 mm | TIGREXL50RS6 | |
| 39 | TIGRE XL (5.0m) + spring roller Ø 600 mm | TIGREXL50SP | |
| 40 | TIGRE XL (5.0m) + packer roller Ø 500 mm | TIGREXL50P | |

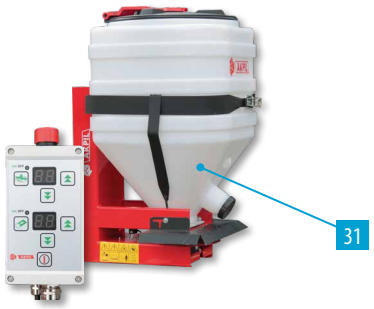
| | | | |
|---|---|---|---|
| 41 | TIGRE XL (5.0m) + v-ring roller Ø 600 mm | TIGREXL50D | |
| 42 | TIGRE XL (5.0m) + segment roller Ø 500 mm | TIGREXL50S | |
| 43 | TIGRE XL (5.0m) + segment roller 2020 Ø 500 mm | TIGREXL50S2 | |
| 44 | TIGRE XL (5,0m) + double spike roller | TIGREXL50K | |
| 45 | TIGRE XL (5.0m) + rubber roller Ø 530 mm | TIGREXL50G | |
| 46 | TIGRE XL (5.0m) + tyre roller Ø 800mm | TIGREXL50O | |
| 47 | TIGRE XL (5.0m) + c-ring roller Ø 540 mm | TIGREXL50C | |
| 48 | TIGRE XL (5.0m) + tandem c-ring roller Ø 540 mm | TIGREXL50CT | |
| 49 | TIGRE XL (5.5m) + smooth roller Ø 508 mm | TIGREXL55GL | |
| 50 | TIGRE XL (5.5m) + tubular roller Ø 600 mm | TIGREXL55R6 | |
| 51 | TIGRE XL (5.5m) + flat roller Ø 600 mm | TIGREXL55PL6 | |
| 52 | TIGRE XL (5.5m) + string roller Ø 600 mm | TIGREXL55ST6 | |
| 53 | TIGRE XL (5.5m) + tubular flat roller Ø 600 mm | TIGREXL55RP6 | |
| 54 | TIGRE XL (5.5m) + tubular string roller Ø 600 mm | TIGREXL55RS6 | |
| 55 | TIGRE XL (5.5m) + spring roller Ø 600 mm | TIGREXL55SP | |
| 56 | TIGRE XL (5.5m) + packer roller Ø 500 mm | TIGREXL55P | |
| 57 | TIGRE XL (5.5m) + v-ring roller Ø 600 mm | TIGREXL55D | |
| 58 | TIGRE XL (5.5m) + segment roller Ø 500 mm | TIGREXL55S | |
| 59 | TIGRE XL (5.5m) + segment roller 2020 Ø 500 mm | TIGREXL55S2 | |
| 60 | TIGRE XL (5,5m) + double spike roller | TIGREXL55K | |
| 61 | TIGRE XL (5.5m) + rubber roller Ø 530 mm | TIGREXL55G | |
| 62 | TIGRE XL (5.5m) + tyre roller Ø 800mm | TIGREXL55O | |
| 63 | TIGRE XL (5.5m) + c-ring roller Ø 540 mm | TIGREXL55C | |
| 64 | TIGRE XL (5.5m) + tandem c-ring roller Ø 540 mm | TIGREXL55CT | |
| 65 | TIGRE XL (6.0m) + smooth roller Ø 508 mm | TIGREXL60GL | |
| 66 | TIGRE XL (6.0m) + tubular roller Ø 600 mm | TIGREXL60R6 | |
| 67 | TIGRE XL (6.0m) + flat roller Ø 600 mm | TIGREXL60PL6 | |
| 68 | TIGRE XL (6.0m) + string roller Ø 600 mm | TIGREXL60ST6 | |
| 69 | TIGRE XL (6.0m) + tubular flat roller Ø 600 mm | TIGREXL60RP6 | |
| 70 | TIGRE XL (6.0m) + tubular string roller Ø 600 mm | TIGREXL60RS6 | |
| 71 | TIGRE XL (6.0m) + spring roller Ø 600 mm | TIGREXL60SP | |
| 72 | TIGRE XL (6.0m) + packer roller Ø 500 mm | TIGREXL60P | |
| 73 | TIGRE XL (6.0m) + v-ring roller Ø 600 mm | TIGREXL60D | |
| 74 | TIGRE XL (6.0m) + segment roller Ø 500 mm | TIGREXL60S | |
| 75 | TIGRE XL (6.0m) + segment roller 2020 Ø 500 mm | TIGREXL60S2 | |
| 76 | TIGRE XL (6,0m) + double spike roller | TIGREXL60K | |
| 77 | TIGRE XL (6.0m) + rubber roller Ø 530 mm | TIGREXL60G | |
| 78 | TIGRE XL (6.0m) + tyre roller Ø 800mm | TIGREXL60O | |
| 79 | TIGRE XL (6.0m) + c-ring roller Ø 540 mm | TIGREXL60C | |
| 80 | TIGRE XL (6.0m) + tandem c-ring roller Ø 540 mm | TIGREXL60CT | |

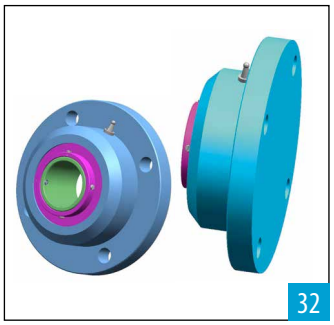


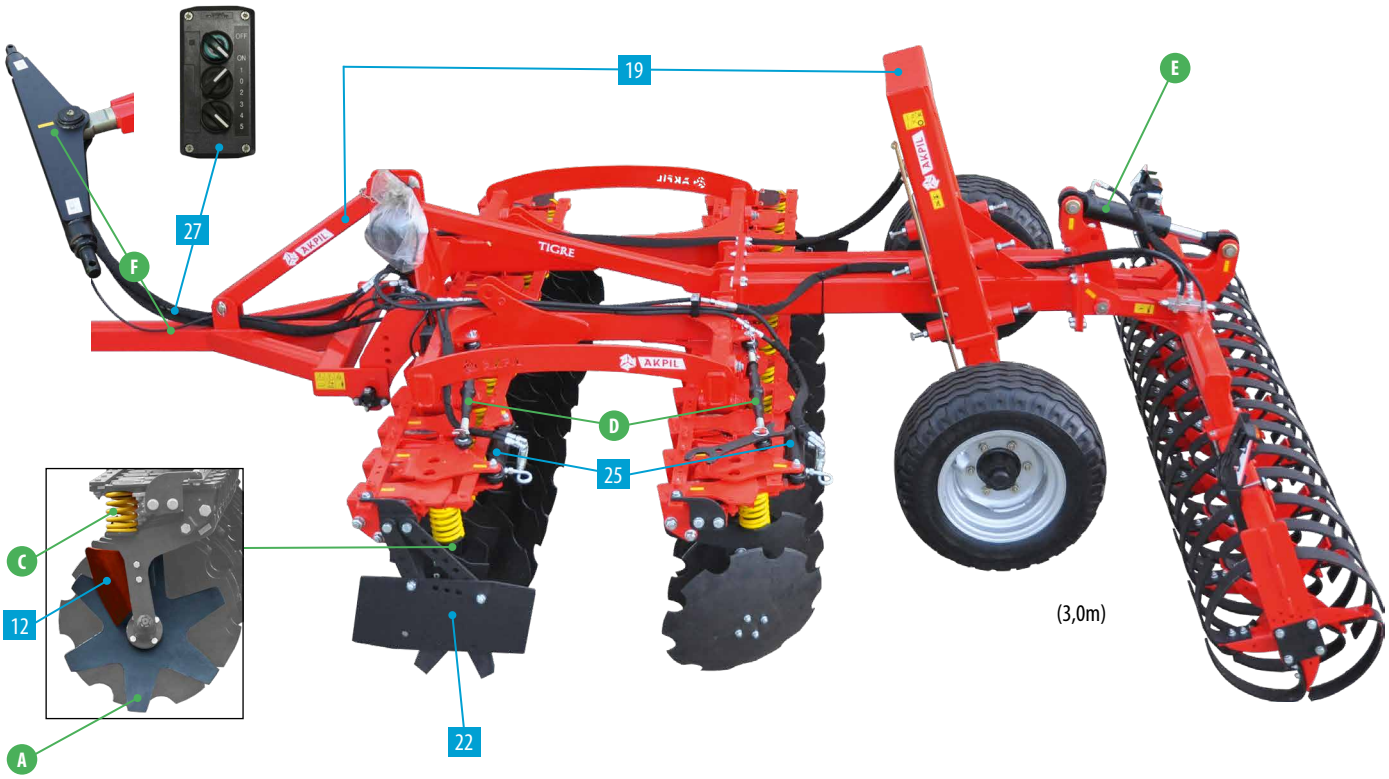



(3,0m)

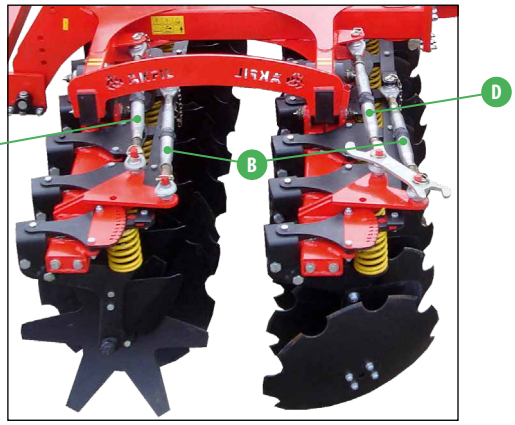
| | | | |
|---|---|---|---|
| [m] | 2,5 | 3,0 | 3,5 |
| [mm] | 560 / 610 / 660 | | |
| X | 20 | 24 | 28 |
| [cm] | 106 (75 i 106 - HYDROPACK) | | |
| [KM/kW] | 105/77 | 125/92 | 145/106 |
| kg | 1800-3300 | 1950-3450 | 2100-3600 |
| kg + + | 2350-3850 | 2500-4000 | 2650-4150 |

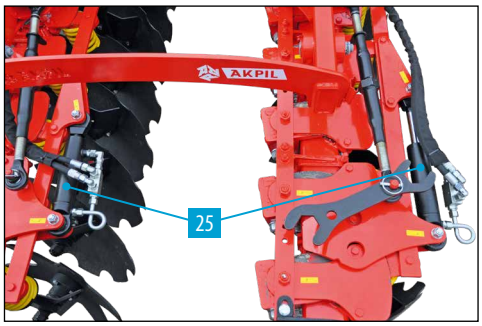


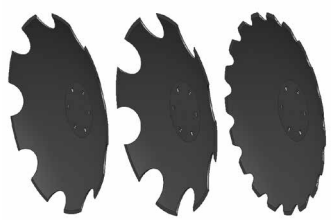

(3,0m)






(3.0m)



**type I** **type II** **type III**

## Standard:

- notched disc Ø 610 × 5 mm **type I**, (high quality discs – manufactured by AKPIL),
- Spacing between disc rows 106 cm, (version with HYDROPAK 75cm or 106cm),
- transverse division of discs 25 cm,
- outermost discs – stars A
- mechanical adjustment of pitch angle of front and back discs (independent adjustment) B
- indicators of pitch angle of the discs,
- spring guard of each disc C
- maintenance-free bearing with labyrinth guard,
- mechanical depth adjustment on the roller,
- mechanical adjustment of disc rollers to each other D
- coupling pins CAT. II and III,

**Extra in TRAILED VERSION:**

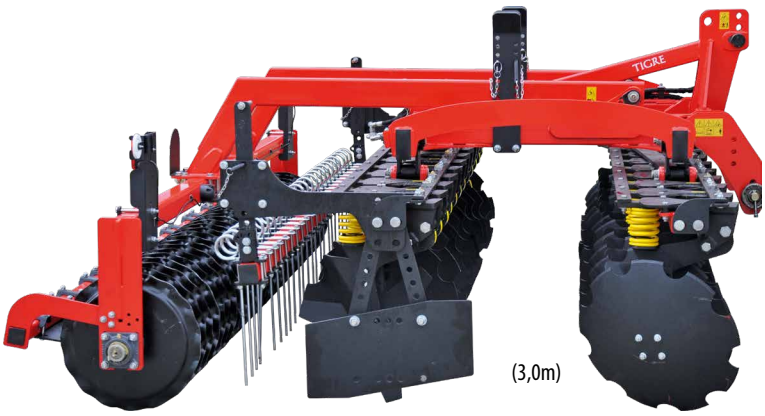
- hydraulic depth adjustment on the roller E
- indicator of working depth,
- hydraulically lifted transport wheels - 340/55-16 – tyre width 34.5cm
- requires 2 pairs of hydraulic outputs
- coupling bar CAT II and III F
- double-braided hydraulic hoses 330 bar
- hydraulic locks for all actuators (standard and optional).

## Optional accessories:

| | | | |
|---|---|---|---|
| Spacing between disc rows 75 cm (version with HYDROPAK) - **note in order** | | R75 | |
| Spacing between disc rows 106 cm (version with HYDROPAK) - **note in order** | | R106 | |
| Disc version 660 mm + HYDROPAK - spacing only 106 cm | | | |
| 1 | Notched disc 560 mm × 5 mm (price per pc.) type I | 56X5I | |
| 2 | Notched disc 610mm × 6mm (price per pc.) type I | 61X6I | |
| 3 | Notched disc 660mm × 6mm (price per pc.) type I | 66X6I | |
| 4 | Notched disc 560 mm × 5 mm (price per pc.) type II | 56X5II | |
| 5 | Notched disc 610mm × 5 mm (price per pc.) type II | 61X5II | |
| 6 | Notched disc 610mm × 6mm (price per pc.) type II | 61X6II | |
| 7 | Notched disc 660mm × 6mm (price per pc.) type II | 66X6II | |
| 8 | Notched disc 560 mm × 5 mm (price per pc.) type III | 56X5III | |
| 9 | Notched disc 610mm × 5 mm (price per pc.) type III | 61X5III | |
| 10 | Notched disc 610mm × 6mm (price per pc.) type III | 61X6III | |
| 11 | Notched disc 660mm × 6mm (price per pc.) type III | 66X6III | |
| 12 | Disc scraper (1 pcs.) | NS | |
| 13 | Skids with frame for spring roller (price per 1 m) | PS | |
| 14 | Skid plate for spring roller (pc.) 2.5m-13 pcs.; 3.0m-15 pcs.; 3.5m-18 pcs. | NP | |
| 15 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 16 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 17 | Scrapers for rubber roller (price per 1 m) | SG | |
| 18 | Hydraulics for the roller (suspended version without HYDROPAK) (additionally requires 1 pair of hydraulic outputs) | HW | |
| 19 | Chassis with drawbar + hydraulic adjustment of depth on rollers (additionally requires 2 pairs of hydraulic outputs) | PD | |
| 20 | Screen of spring rakes behind the disc rollers | EZT | |
| 21 | Screen of spring rakes between disc roller and roller | EZW | |
| 22 | Side plate deflectors adjustable mechanically (2 pcs.) | D | |
| 23 | Side disc deflectors adjustable mechanically (2 pcs.) | DT | |
| 24 | Side disc deflectors adjustable mechanically with spring protection (2 pcs.) | DTS | |
| 25 | Hydraulic adjustment of pitch angle of front and back discs (independent adjustment), (additionally requires 2 pairs of hydraulic outputs), | HK | |
| 26 | Hydraulic frame for seed drill extension - HYDROPAK (disk spacing 75 and 106 cm) (suspended version) (additionally requires 1 pair of hydraulic outputs) | HP | |
| 27 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 28 | LED lights (back) – suspended version | OL | |
| 29 | LED lights (back) – trailed version | OC | |
| 30 | Warning sign (2 pcs.) | T2 | |
| 31 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 32 | Barrel bearing in a dust protection housing for rollers (2 pcs.) | LB | |
| 33 | Front copying wheels (version with chassis) (set) | KKP | |
| 34 | Upper coupling pin | SZ | |

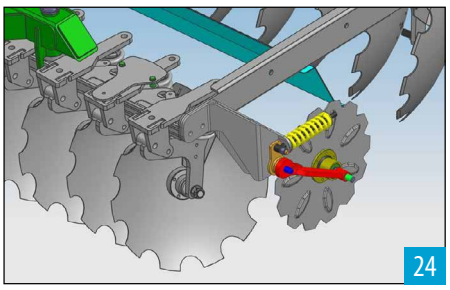
**Photos of rollers and options – pages 76, 77**


(3,5m)


(3,0m)

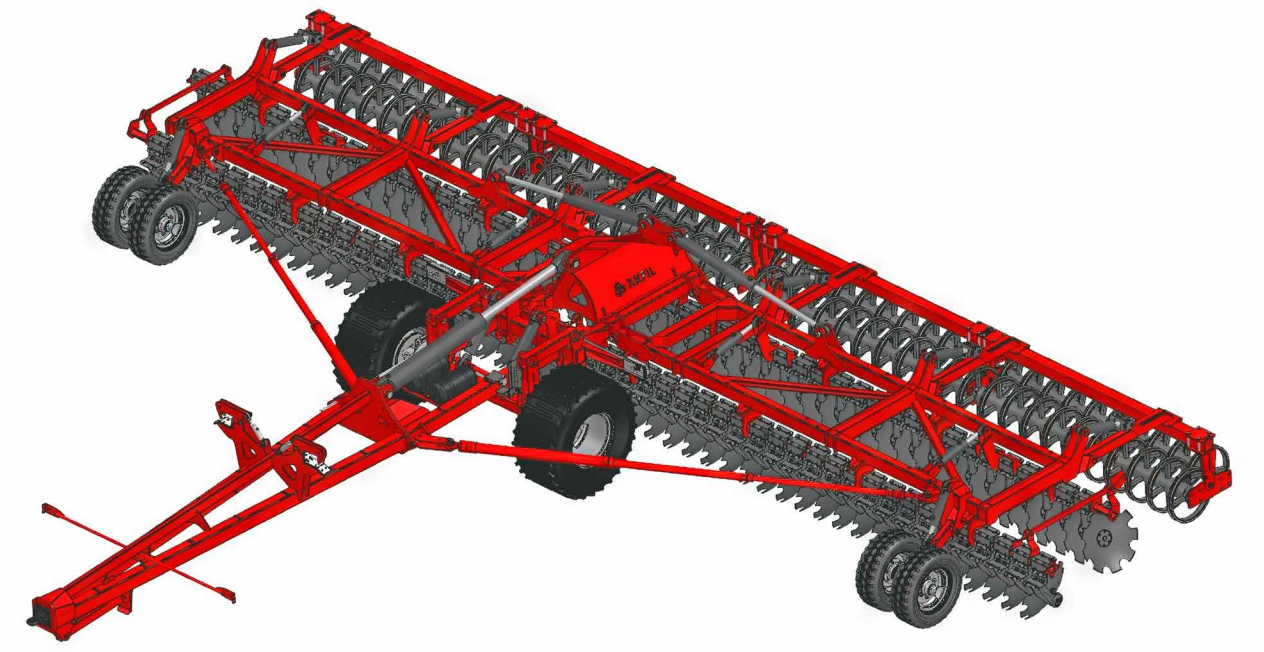

(3,5m)


28
(3,0m)

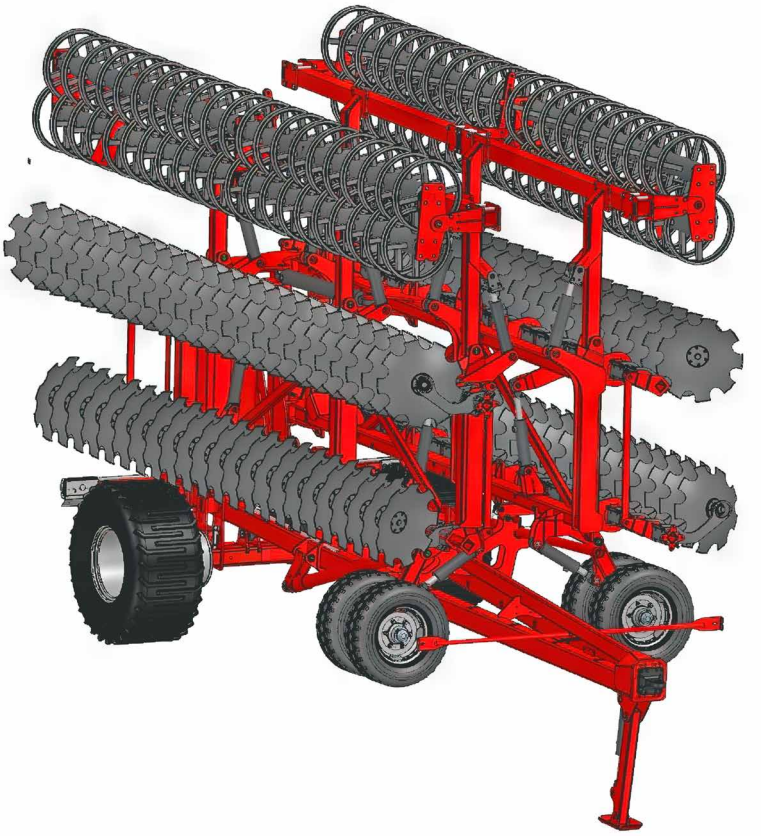

24




| | | | |
|---|---|---|---|
| 1 | TIGRE (2.5m) + smooth roller Ø 508mm | TIGRE25GL | |
| 2 | TIGRE (2.5m) + tubular roller Ø 530mm | TIGRE25R | |
| 3 | TIGRE (2.5m) + flat roller Ø 530mm | TIGRE25PŁ | |
| 4 | TIGRE (2.5m) + string roller Ø 530mm | TIGRE25ST | |
| 5 | TIGRE (2.5m) + tubular flat roller Ø 530mm | TIGRE25RP | |
| 6 | TIGRE (2.5m) + tubular string roller Ø 530mm | TIGRE25RS | |
| 7 | TIGRE (2.5m) + tubular roller Ø 600mm | TIGRE25R6 | |
| 8 | TIGRE (2.5m) + flat roller Ø 600mm | TIGRE25PŁ6 | |
| 9 | TIGRE (2.5m) + string roller Ø 600mm | TIGRE25ST6 | |
| 10 | TIGRE (2.5m) + tubular flat roller Ø 600mm | TIGRE25RP6 | |
| 11 | TIGRE (2.5m) + tubular string roller Ø 600mm | TIGRE25RS6 | |
| 12 | TIGRE (2.5m) + spring roller Ø 600mm | TIGRE25SP | |
| 13 | TIGRE (2.5m) + packer roller Ø 500mm | TIGRE25P | |
| 14 | TIGRE (2.5m) + v-ring roller Ø 600mm | TIGRE25D | |
| 15 | TIGRE (2.5m) + segment roller Ø 500mm | TIGRE25S | |
| 16 | TIGRE (2.5m) + segment roller 2020 Ø 500 mm | TIGRE25S2 | |
| 17 | TIGRE (2,5m) + double spike roller | TIGRE25K | |
| 18 | TIGRE (2.5m) + rubber roller Ø 530mm | TIGRE25G | |
| 19 | TIGRE (2.5m) + tyre roller Ø 670 mm | TIGRE25O | |
| 20 | TIGRE (2.5m) + c-ring roller Ø 540 mm | TIGRE25C | |
| 21 | TIGRE (2.5m) + tandem c-ring roller Ø 540 mm | TIGRE25CT | |
| 22 | TIGRE (3.0m) + smooth roller Ø 508mm | TIGRE30GL | |
| 23 | TIGRE (3.0m) + tubular roller Ø 530mm | TIGRE30R | |
| 24 | TIGRE (3.0m) + flat roller Ø 530mm | TIGRE30PŁ | |
| 25 | TIGRE (3.0m) + string roller Ø 530mm | TIGRE30ST | |
| 26 | TIGRE (3.0m) + tubular flat roller Ø 530mm | TIGRE30RP | |
| 27 | TIGRE (3.0m) + tubular string roller Ø 530mm | TIGRE30RS | |
| 28 | TIGRE (3.0m) + tubular roller Ø 600mm | TIGRE30R6 | |
| 29 | TIGRE (3.0m) + flat roller Ø 600mm | TIGRE30PŁ6 | |
| 30 | TIGRE (3.0m) + string roller Ø 600mm | TIGRE30ST6 | |
| 31 | TIGRE (3.0m) + tubular flat roller Ø 600mm | TIGRE30RP6 | |
| 32 | TIGRE (3.0m) + tubular string roller Ø 600mm | TIGRE30RS6 | |
| 33 | TIGRE (3.0m) + spring roller Ø 600mm | TIGRE30SP | |
| 34 | TIGRE (3.0m) + packer roller Ø 500mm | TIGRE30P | |
| 35 | TIGRE (3.0m) + v-ring roller Ø 600mm | TIGRE30D | |
| 36 | TIGRE (3.0m) + segment roller Ø 500mm | TIGRE30S | |
| 37 | TIGRE (3.0m) + segment roller 2020 Ø 500 mm | TIGRE30S2 | |
| 38 | TIGRE (3,0m) + double spike roller | TIGRE30K | |
| 39 | TIGRE (3.0m) + rubber roller Ø 530mm | TIGRE30G | |
| 40 | TIGRE (3.0m) + tyre roller Ø 670 mm | TIGRE30O | |
| 41 | TIGRE (3.0m) + c-ring roller Ø 540 mm | TIGRE30C | |
| 42 | TIGRE (3.0m) + tandem c-ring roller Ø 540 mm | TIGRE30CT | |
| 43 | TIGRE (3.5m) + smooth roller Ø 508mm | TIGRE35GL | |
| 44 | TIGRE (3.5m) + tubular roller Ø 530mm | TIGRE35R | |
| 45 | TIGRE (3.5m) + flat roller Ø 530mm | TIGRE35PŁ | |
| 46 | TIGRE (3.5m) + string roller Ø 530mm | TIGRE35ST | |
| 47 | TIGRE (3.5m) + tubular flat roller Ø 530mm | TIGRE35RP | |
| 48 | TIGRE (3.5m) + tubular string roller Ø 530mm | TIGRE35RS | |
| 49 | TIGRE (3.5m) + tubular roller Ø 600mm | TIGRE35R6 | |
| 50 | TIGRE (3.5m) + flat roller Ø 600mm | TIGRE35PŁ6 | |
| 51 | TIGRE (3.5m) + string roller Ø 600mm | TIGRE35ST6 | |
| 52 | TIGRE (3.5m) + tubular flat roller Ø 600mm | TIGRE35RP6 | |
| 53 | TIGRE (3.5m) + tubular string roller Ø 600mm | TIGRE35RS6 | |
| 54 | TIGRE (3.5m) + spring roller Ø 600mm | TIGRE35SP | |
| 55 | TIGRE (3.5m) + packer roller Ø 500mm | TIGRE35P | |
| 56 | TIGRE (3.5m) + v-ring roller Ø 600mm | TIGRE35D | |
| 57 | TIGRE (3.5m) + segment roller Ø 500mm | TIGRE35S | |
| 58 | TIGRE (3.5m) + segment roller 2020 Ø 500 mm | TIGRE35S2 | |
| 59 | TIGRE (3,5m) + double spike roller | TIGRE35K | |
| 60 | TIGRE (3.5m) + rubber roller Ø 530mm | TIGRE35G | |
| 61 | TIGRE (3.5m) + tyre roller Ø 670 mm | TIGRE35O | |
| 62 | TIGRE (3.5m) + c-ring roller Ø 540 mm | TIGRE35C | |
| 63 | TIGRE (3.5m) + tandem c-ring roller Ø 540 mm | TIGRE35CT | |



| | | | |
|---|---|---|---|
| [m] | 8,0 | 10,0 | 12,0 |
| [mm] | 560 / 610 / 660 | | |
| X | 64 | 80 | 96 |
| [cm] | 100 | | |
| [KM/kW] | 350 / 476 | 450 / 612 | 550 / 748 |
| kg | 10000 | 11000 | 12500 |



**Optional accessories:**

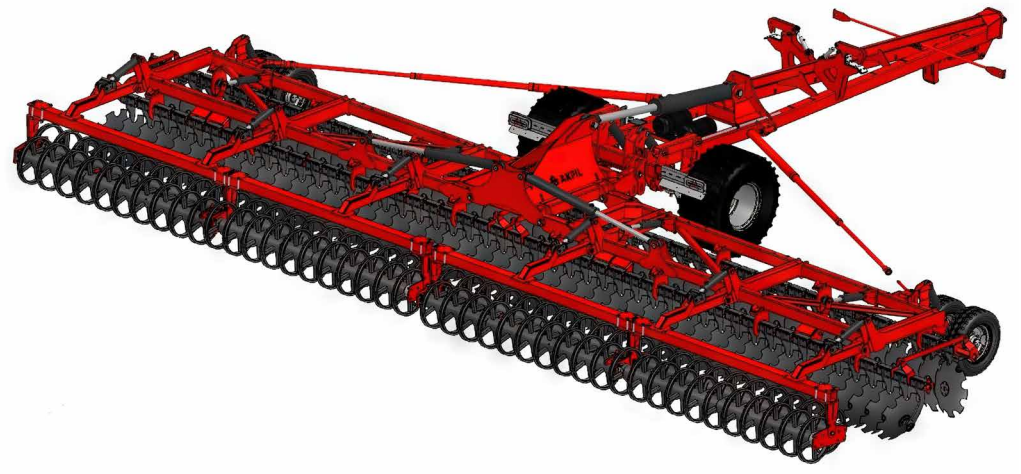
- notched disc ø 610x5 mm type II, (high quality discs – manufactured by AKPIL),
- spacing between disc rows 100 cm,
- transverse division of discs 25 cm,
- **hydraulic adjustment of the disc attack angle with automatic adjustment of the tillage shaft**
- mechanical adjustment of disc rollers to each other
- rubber protection of each disc, 40 × 210 mm,
- maintenance-free bearing with cartridge seal
- hydraulic depth adjustment on the roller,
- mechanical working depth memory,
- hydraulic folding for transport,
- hydraulic and mechanical roller locking for transport,
- Ball coupling K80 (80 mm) (for Hitch)
- transport width 3,0m
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional)
- barrel bearing in a dust protection housing for rollers
- hydraulic accumulators for actuators
- LED lighting
- hydraulically lifted transport wheels 600/50x22,5 – tyre width 60 cm
- pneumatic dual circuit brakes,
- required 3 pairs of hydraulic outputs.

# NEW!

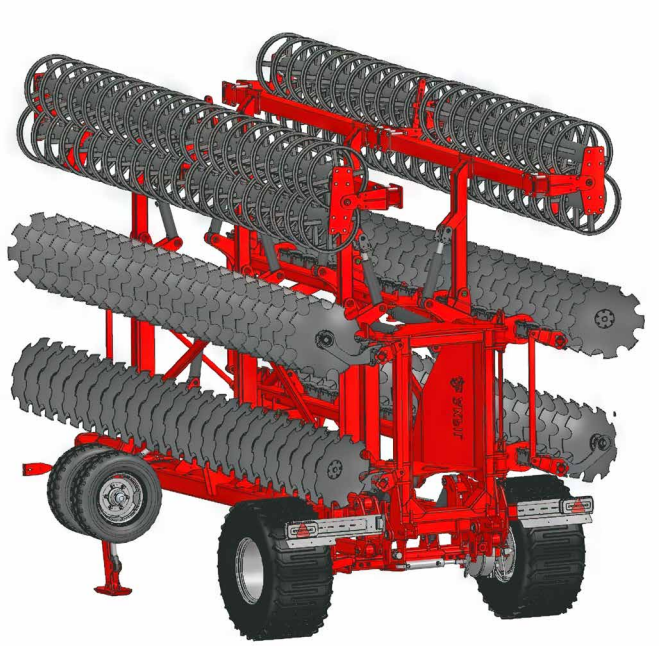
**Wyposażenie opcjonalne:**

| | | | |
|---|---|---|---|
| 1 | Notched disc 560 mm × 5 mm (price per pc.) type I | 56X5I | |
| 2 | Notched disc 610 mm × 5 mm (price per pc.) type I | 61X5I | |
| 3 | Notched disc 610 mm × 6 mm (price per pc.) type I | 61X6I | |
| 4 | Notched disc 660 mm × 6 mm (price per pc.) type I | 66X6I | |
| 5 | Notched disc 560 mm × 5 mm (price per pc.) type II | 56X5II | |
| 6 | Notched disc 610 mm × 6 mm (price per pc.) type II | 61X6II | |
| 7 | Notched disc 660 mm × 6 mm (price per pc.) type II | 66X6II | |
| 8 | Notched disc 610 mm × 6 mm (price per pc.) type III | 56X5III | |
| 9 | Notched disc 610 mm × 5 mm (price per pc.) type III | 61X5III | |
| 10 | Notched disc 610 mm × 6 mm (price per pc.) type III | 61X6III | |
| 11 | Notched disc 660 mm × 6 mm (price per pc.) type III | 66X6III | |
| 12 | Disc scraper (per 1pc.) | ST | |
| 13 | Metal housings for bearings (per 1pc.) | OM | |
| 14 | Polyurethane shock absorber – disc protection (price per pc.) | AP | |
| 15 | Skids with frame for spring roller (price per 1 m) | PS | |
| 16 | Skid plate for spring roller (price per pc | NP | |
| 17 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 18 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 19 | Scrapers for rubber roller (price per 1 m) | SG | |
| 20 | Front levelling bar with hydraulic control (price per 1 m) | LW | |
| 21 | Knife roller o 300mm with shock absorption and hydraulic adjustment (price for 1m) | WN | |
| 22 | Hydraulic brakes (note in order) | HH | |
| 23 | Screen of spring rakes between disc roller and roller | EZW | |
| 24 | Screen of spring rakes behind the roller (suspended version) | EZZ | |
| 25 | Side plate deflectors adjustable with rubber protection and mechanical adjustment (2 pcs.) | D | |
| 26 | Side disc deflectors with rubber protection and mechanical adjustment (2 pcs.) | DT | |
| 27 | Electric switch to control the hydraulic system from the cabin (solenoid valves) | PE | |
| 28 | reducing the required hydraulic output to 1 pair | T4 | |
| 29 | Warning sign (4 pcs.) | K | |
| 30 | Wedges with brackets under the wheels | KP | |
| 31 | Front copying wheels (version with chassis) (set) | HKP | |
| 32 | Hydraulic height adjustment of support wheels connected to tillage rollers | PSP | |

**Zdjęcia wałów doprawiających i ich opcje – strona nr 80, 81**



| | | | |
|---|---|---|---|
| 1 | BISON XXL (8.0 m) + tubular roller ø 600 mm | BISONXL80R6 | |
| 2 | BISON XXL (8.0 m) + spring roller ø 600 mm | BISONXL80SP | |
| 3 | BISON XXL (8.0 m) + packer roller ø 500 mm | BISONXL80P | |
| 4 | BISON XXL (8.0 m) + v-ring roller ø 600 mm | BISONXL80D | |
| 5 | BISON XXL (8.0 m) + segment roller 2020 ø 500 mm | BISONXL80S2 | |
| 6 | BISON XXL (8.0 m) + c-ring roller ø 540 mm | BISONXL80C | |
| 7 | BISON XXL (8.0 m) + tandem c-ring roller ø 540 mm | BISONXL800CT | |
| 8 | BISON XXL (10.0 m) + tubular roller ø 600 mm | BISONXL100R6 | |
| 9 | BISON XL (10.0 m) + spring roller ø 600 mm | BISONXL100SP | |
| 10 | BISON XXL (10.0 m) + packer roller ø 500 mm | BISONXL100P | |
| 11 | BISON XXL (10.0 m) + v-ring roller ø 600 mm | BISONXL100D | |
| 12 | BISON XXL (10.0 m) + segment roller 2020 ø 500 mm | BISONXL100S2 | |
| 13 | BISON XXL (10.0 m) + c-ring roller ø 540 mm | BISONXL100C | |
| 14 | BISON XXL (10.0 m) + tandem c-ring roller ø 540 mm | BISONXL100CT | |
| 15 | BISON XXL (12.0 m) + tubular roller ø 600 mm | BISONXL120R6 | |
| 16 | BISON XXL (12.0 m) + spring roller ø 600 mm | BISONXL120SP | |
| 17 | BISON XXL (12.0 m) + packer roller ø 500 mm | BISONXL120P | |
| 18 | BISON XXL (12.0 m) + v-ring roller ø 600 mm | BISONXL120D | |
| 19 | BISON XXL (12.0 m) + segment roller 2020 ø 500 mm | BISONXL120S2 | |
| 20 | BISON XXL (12.0 m) + c-ring roller ø 540 mm | BISONXL120C | |
| 21 | BISON XXL (12.0 m) + tandem c-ring roller ø 540 mm | BISONXL120CT | |








(5,0m)




| | | | | | |
|---|---|---|---|---|---|
| [m] | 4,0 | 4,5 | 5,0 | 5,5 | 6,0 |
| [mm] | 560 / 610 / 660 | | | | |
| X | 32 | 36 | 40 | 44 | 48 |
| [cm] | 100 | | | | |
| [KM/kW] | 160/117 | 180/132 | 2200/147 | 230/170 | 250/183 |
| kg + | 3300-4900 | 3500-5100 | 3650-5400 | 3900-5800 | 4150-6150 |
| kg + + | 4550-6600 | 4750-6900 | 4900-7200 | 5150-7600 | 5350-8000 |





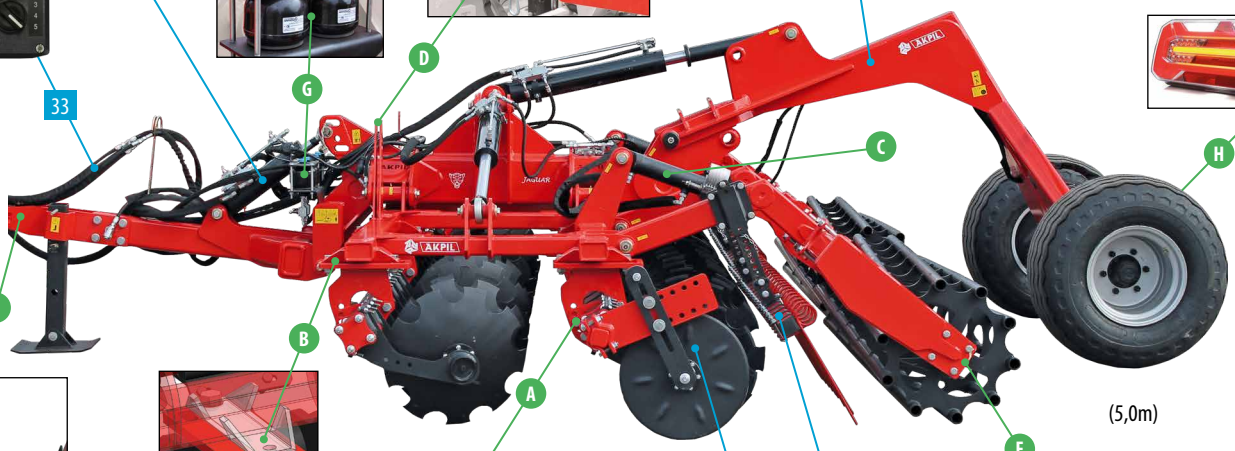








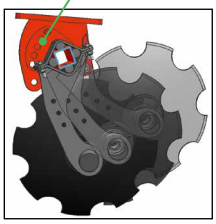


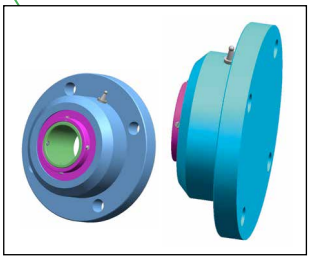

(5,0m)

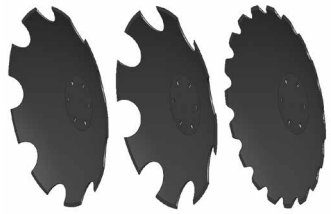










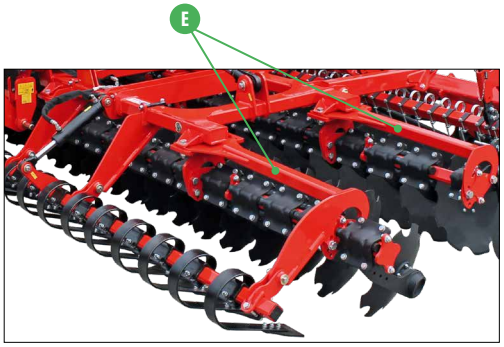
**type I** **type II** **type III**

## Standard:

- notched disc Ø 610 × 5 mm **type II**(high quality discs – manufactured by AKPIL),
- spacing between disc rows 100 cm,
- transverse division of discs 25 cm,
- mechanical adjustment of disc pitch angle PATENT, A
- mechanical adjustment of disc rollers to each other, B
- rubber protection of each disc, 40 × 210 mm,
- maintenance-free bearing with cartridge seal,
- hydraulic depth adjustment on the roller, C
- mechanical working depth memory,
- hydraulic folding for transport,
- hydraulic and mechanical roller locking for transport, D
- longitudinal reinforcement of supporting profil E .5 m) and (6.0 m)
- coupling pins CAT. III,
- transport width 2.5 m,
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional)
- barrel bearing in a dust protection housing for rollers

**Extra in TRAILED VERSION:** F

- hydraulic accumulators for actuators,
- LED lighting – back G
- hydraulically lifted trans t wheels 500/50-17 – tyre width 50 cm H
- pneumatic dual circuit brakes,
- coupling bar CAT. III – L = 825
- required 2 pairs of hydraulic outp suspended version) I
- required 3 pairs of hydraulic outputs (trailed version)



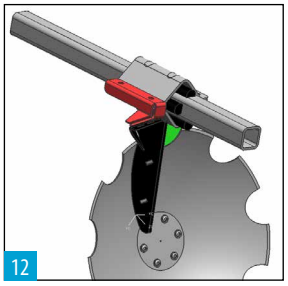


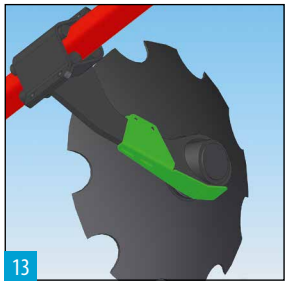


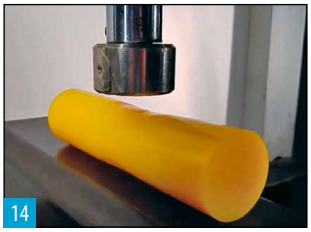
## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Notched disc 560 mm × 5 mm (price per pc.) type I | 56X5I | |
| 2 | Notched disc 610 mm × 5 mm (price per pc.) type I | 61X5I | |
| 3 | Notched disc 610 mm × 6 mm (price per pc.) type I | 61X6I | |
| 4 | Notched disc 660 mm × 6 mm (price per pc.) type I | 66X6I | |
| 5 | Notched disc 560 mm × 5 mm (price per pc.) type II | 56X5II | |
| 6 | Notched disc 610 mm × 6 mm (price per pc.) type II | 61X6II | |
| 7 | Notched disc 660 mm × 6 mm (price per pc.) type II | 66X6II | |
| 8 | Notched disc 560 mm × 5 mm (price per pc.) type III | 56X5III | |
| 9 | Notched disc 610 mm × 5 mm (price per pc.) type III | 61X5III | |
| 10 | Notched disc 610 mm × 6 mm (price per pc.) type III | 61X6III | |
| 11 | Notched disc 660 mm × 6 mm (price per pc.) type III | 66X6III | |
| 12 | Disc scraper | ST | |
| 13 | Metal housings for bearings | OM | |
| 14 | Polyurethane shock absorber – disc protection (price per pc.) 4.0 m – 128 pcs.; 4.5 m – 144 pcs.; 5.0 m – 160 pcs.; 5.5 m – 176 pcs.; 6.0 m – 192 pcs. | AP | |
| 15 | Skids with frame for spring roller (price per 1 m) | PS | |
| 16 | Skid plate for spring roller (price per pc.) 4.0 m – 20 pcs.; 4.5 m – 22 pcs.; 5.0 m – 26 pcs.; 5.5 m – 28 pcs.; 6.0 m – 30 pcs. | NP | |
| 17 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 18 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 19 | Scrapers for rubber roller (price per 1 m) | SG | |
| 20 | Front levelling bar with hydraulic control (price per 1 m) | LW | |
| 21 | Knife roller ø 300mm with shock absorption and hydraulic adjustment (price for 1m) | WN | |
| 22 | Chassis with drawbar + pneumatic brakes (1 pair of hydraulic output additionally required) | PD | |
| 23 | Folded chassis with drawbar + pneumatic brakes (1 pair of hydraulic output additionally required) | PDD | |
| 24 | Chassis in the centre + drawbar + pneumatic brakes (1 pair of hydraulic output additionally required) (No with option 52) | POS | |
| 25 | Wider axe base Only with Option 23 | SO | |
| 26 | Hydraulic brakes (note in order) | HH | |
| 27 | Screen of spring rakes between disc roller and roller | EZW | |
| 28 | Screen of spring rakes behind the roller (suspended version) (No with option 23) | EZZ | |
| 29 | Side plate deflectors adjustable with rubber protection and mechanical adjustment (2 pcs.) | D | |
| 30 | Side disc deflectors with rubber protection and mechanical adjustment (2 pcs.) | DT | |
| 31 | Drawbar adjusted with turnbuckle | DS | |
| 32 | Hydraulic drawbar | DH | |
| 33 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 34 | LED lights (back) – suspended version | OL | |
| 35 | LED lights (front) – trailed version | OLP | |
| 36 | Warning sign (4 pcs.) | T4 | |
| 37 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 38 | Wedges with brackets under the wheels | K | |
| 39 | Ball coupling K80 (80mm) (for Hitch) – available only with option 32, 43 | ZK | |
| 40 | Eye coupling (for Hitch) 40 or 50 or 55 – available only with option 32, 43 | Z40 / Z50 / Z55 | |
| 41 | Fenders (No with option 24) | BL | |
| 42 | Section rollers for reversing (fig. p. 75) | WDZ | |
| 43 | Drawbar extension by 1 m (for tractors with dual wheels) | P | |
| 44 | Coupling bar CAT. III – L = 965 mm | BZ | |
| 45 | Front copying wheels (version with chassis) (set) (No with option 21) | KP | |
| 46 | Hydraulic height adjustment of support wheels | HKP | |
| 47 | Support leg (for storing the folded machine) (suspended version) | SP | |
| 48 | Oil divider (even folding and unfolding of the right and left sides of disc rollers) | DZT | |
| 49 | Oil divider (even folding and unfolding of the right and left sides of rollers) | DZW | |
| 50 | Tractor wheel mark eradicators | SPK | |
| 51 | Holder for catch crop sowers with a platform and ladder (version with jockey wheels, max. tank width 500mm, version without wheels 700mm) | PSP | |
| 52 | hydraulic adjustment of the disc attack angle with automatic adjustment of the tillage shaft (not available in the version with the chassis inside) | HRK | |
| 53 | Upper coupling pin | SZ | |
| 54 | Homologation to 30 km/h for Chassis in the rear or folded Chassis to the center with pneumatic or hydraulic brakes (note in order) | H3 | |
| 55 | Homologation to 40 km/h for Chassis in the rear or folded Chassis to the center or Chassis in the center with pneumatic brakes | H4P | |
| 56 | Homologation to 40 km/h for Chassis in the rear or folded Chassis to the center or Chassis in the center with hydraulic brakes | H4H | |
| 57 | Hydraulic adjustment of disc attack angle, for the chassis in the centre, option 24 | HRKT | |

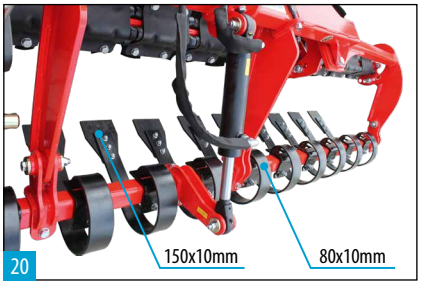
**Photos of rollers and options – pages 76, 77**


12

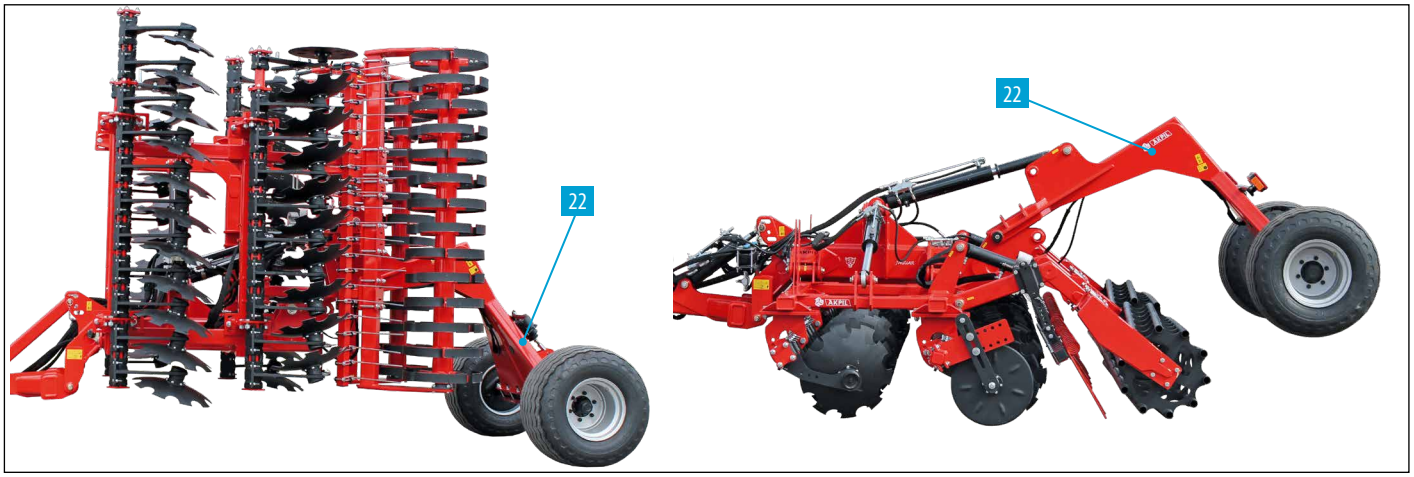

13

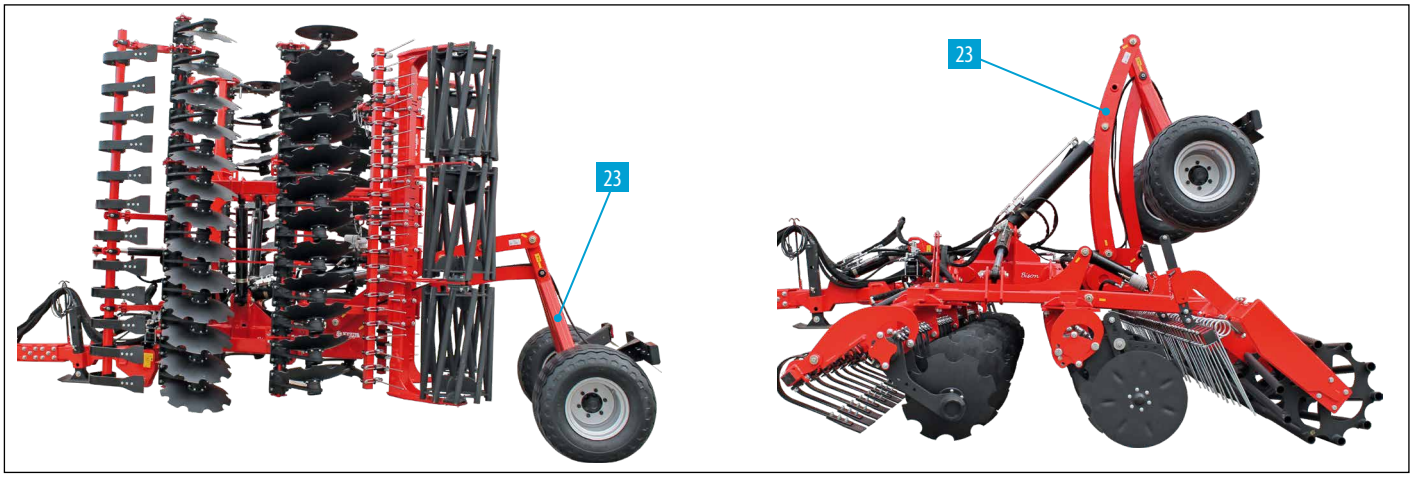

14

Shock absorber under 25 tonnes pressure retains its shape and properties



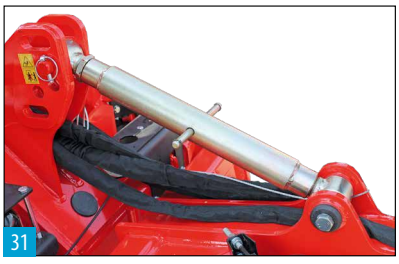
20



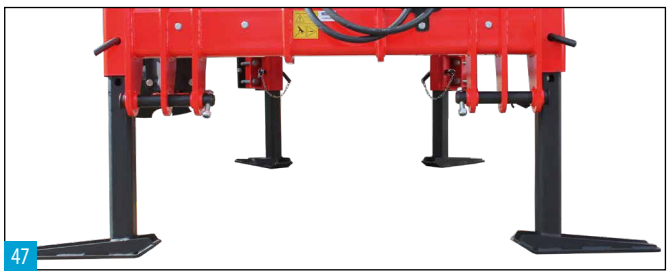


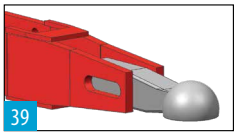
28

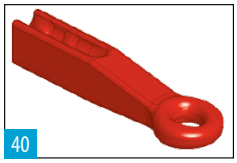

31


24


41


47

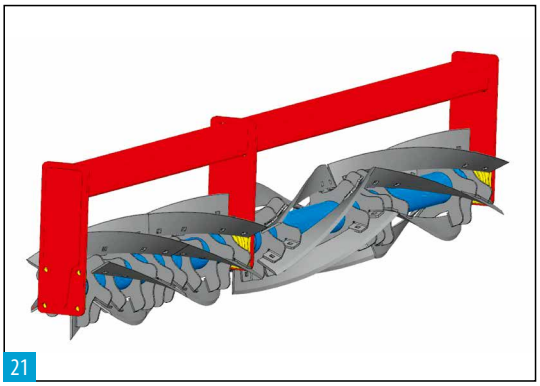

39


40

# SUSPENDED VERSION

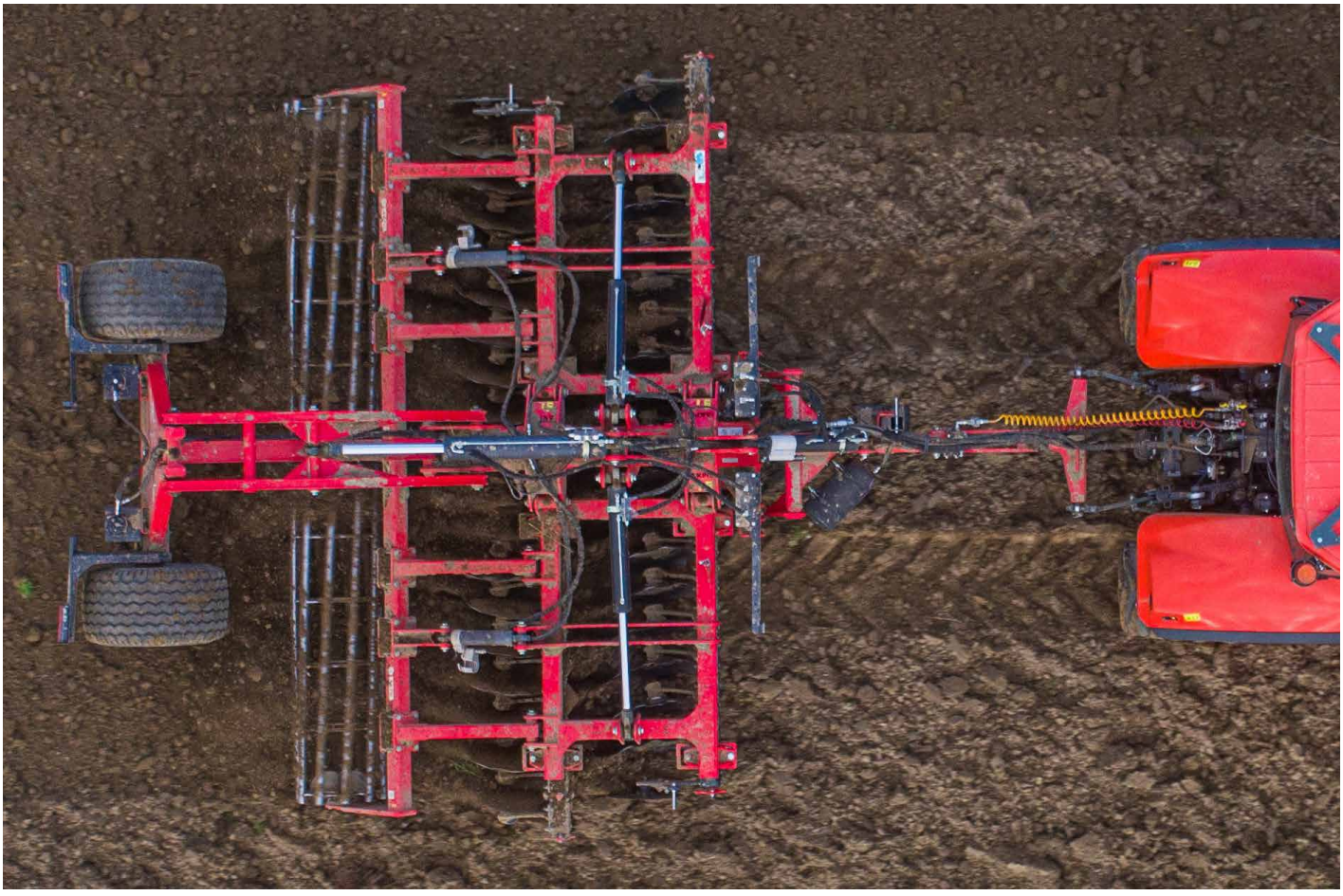
| | | | |
|---|---|---|---|
| 1 | BISON XL (4.0 m) + smooth roller Ø 508 mm | BISONXL40GL | |
| 2 | BISON XL (4.0 m) + tubular roller Ø 600 mm | BISONXL40R6 | |
| 3 | BISON XL (4.0 m) + flat roller Ø 600 mm | BISONXL40PL6 | |
| 4 | BISON XL (4.0 m) + string roller Ø 600 mm | BISONXL40ST6 | |
| 5 | BISON XL (4.0 m) + tubular flat roller Ø 600 mm | BISONXL40RP6 | |
| 6 | BISON XL (4.0 m) + tubular string roller Ø 600 mm | BISONXL40RS6 | |
| 7 | BISON XL (4.0 m) + spring roller Ø 600 mm | BISONXL40SP | |
| 8 | BISON XL (4.0 m) + packer roller Ø 500 mm | BISONXL40P | |
| 9 | BISON XL (4.0 m) + v-ring roller Ø 600 mm | BISONXL40D | |
| 10 | BISON XL (4.0 m) + segment roller Ø 500 mm | BISONXL40S | |
| 11 | BISON XL (4.0 m) + segment roller 2020 Ø 500 mm | BISONXL40S2 | |
| 12 | BISON XL (4,0 m) + double spike roller | BISONXL40K | |
| 13 | BISON XL (4.0 m) + rubber roller Ø 530 mm | BISONXL40G | |
| 14 | BISON XL (4.0 m) + tyre roller Ø 670 mm | BISONXL40O | |
| 15 | BISON XL (4.0 m) + c-ring roller Ø 540 mm | BISONXL40C | |
| 16 | BISON XL (4.0 m) + tandem c-ring roller Ø 540 mm | BISONXL40CT | |
| 17 | BISON XL (4.5 m) + smooth roller Ø 508 mm | BISONXL45GL | |
| 18 | BISON XL (4.5 m) + tubular roller Ø 600 mm | BISONXL45R6 | |
| 19 | BISON XL (4.5 m) + flat roller Ø 600 mm | BISONXL45PL6 | |
| 20 | BISON XL (4.5 m) + string roller Ø 600 mm | BISONXL45ST6 | |
| 21 | BISON XL (4.5 m) + tubular flat roller Ø 600 mm | BISONXL45RP6 | |
| 22 | BISON XL (4.5 m) + tubular string roller Ø 600 mm | BISONXL45RS6 | |
| 23 | BISON XL (4.5 m) + spring roller Ø 600 mm | BISONXL45SP | |
| 24 | BISON XL (4.5 m) + packer roller Ø 500 mm | BISONXL45P | |
| 25 | BISON XL (4.5 m) + v-ring roller Ø 600 mm | BISONXL45D | |
| 26 | BISON XL (4.5 m) + segment roller Ø 500 mm | BISONXL45S | |
| 27 | BISON XL (4.5 m) + segment roller 2020 Ø 500 mm | BISONXL45S2 | |
| 28 | BISON XL (4,5 m) + double spike roller | BISONXL45K | |
| 29 | BISON XL (4.5 m) + rubber roller Ø 530 mm | BISONXL45G | |
| 30 | BISON XL (4.5 m) + tyre roller Ø 670 mm | BISONXL45O | |
| 31 | BISON XL (4.5 m) + c-ring roller Ø 540 mm | BISONXL45C | |
| 32 | BISON XL (4.5 m) + tandem c-ring roller Ø 540 mm | BISONXL45CT | |
| 33 | BISON XL (5.0 m) + smooth roller Ø 508 mm | BISONXL50GL | |
| 34 | BISON XL (5.0 m) + tubular roller Ø 600 mm | BISONXL50R6 | |
| 35 | BISON XL (5.0 m) + flat roller Ø 600 mm | BISONXL50PL6 | |
| 36 | BISON XL (5.0 m) + string roller Ø 600 mm | BISONXL50ST6 | |
| 37 | BISON XL (5.0 m) + tubular flat roller Ø 600 mm | BISONXL50RP6 | |
| 38 | BISON XL (5.0 m) + tubular string roller Ø 600 mm | BISONXL50RS6 | |
| 39 | BISON XL (5.0 m) + spring roller Ø 600 mm | BISONXL50SP | |
| 40 | BISON XL (5.0 m) + packer roller Ø 500 mm | BISONXL50P | |

| | | | |
|---|---|---|---|
| 41 | BISON XL (5.0 m) + v-ring roller Ø 600 mm | BISONXL50D | |
| 42 | BISON XL (5.0 m) + segment roller Ø 500 mm | BISONXL50S | |
| 43 | BISON XL (5.0 m) + segment roller 2020 Ø 500 mm | BISONXL50S2 | |
| 44 | BISON XL (5,0 m) + double spike roller | BISONXL50K | |
| 45 | BISON XL (5.0 m) + rubber roller Ø 530 mm | BISONXL50G | |
| 46 | BISON XL (5.0 m) + tyre roller Ø 670 mm | BISONXL50O | |
| 47 | BISON XL (5.0 m) + c-ring roller Ø 540 mm | BISONXL50C | |
| 48 | BISON XL (5.0 m) + tandem c-ring roller Ø 540 mm | BISONXL50CT | |
| 49 | BISON XL (5.5 m) + smooth roller Ø 508 mm | BISONXL55GL | |
| 50 | BISON XL (5.5 m) + tubular roller Ø 600 mm | BISONXL55R6 | |
| 51 | BISON XL (5.5 m) + flat roller Ø 600 mm | BISONXL55PL6 | |
| 52 | BISON XL (5.5 m) + string roller Ø 600 mm | BISONXL55ST6 | |
| 53 | BISON XL (5.5 m) + tubular flat roller Ø 600 mm | BISONXL55RP6 | |
| 54 | BISON XL (5.5 m) + tubular string roller Ø 600 mm | BISONXL55RS6 | |
| 55 | BISON XL (5.5 m) + spring roller Ø 600 mm | BISONXL55SP | |
| 56 | BISON XL (5.5 m) + packer roller Ø 500 mm | BISONXL55P | |
| 57 | BISON XL (5.5 m) + v-ring roller Ø 600 mm | BISONXL55D | |
| 58 | BISON XL (5.5 m) + segment roller Ø 500 mm | BISONXL55S | |
| 59 | BISON XL (5.5 m) + segment roller 2020 Ø 500 mm | BISONXL55S2 | |
| 60 | BISON XL (5,5 m) + double spike roller | BISONXL55K | |
| 61 | BISON XL (5.5 m) + rubber roller Ø 530 mm | BISONXL55G | |
| 62 | BISON XL (5.5 m) + tyre roller Ø 670 mm | BISONXL55O | |
| 63 | BISON XL (5.5 m) + c-ring roller Ø 540 mm | BISONXL55C | |
| 64 | BISON XL (5.5 m) + tandem c-ring roller Ø 540 mm | BISONXL55CT | |
| 65 | BISON XL (6.0 m) + smooth roller Ø 508 mm | BISONXL60GL | |
| 66 | BISON XL (6.0 m) + tubular roller Ø 600 mm | BISONXL60R6 | |
| 67 | BISON XL (6.0 m) + flat roller Ø 600 mm | BISONXL60PL6 | |
| 68 | BISON XL (6.0 m) + string roller Ø 600 mm | BISONXL60ST6 | |
| 69 | BISON XL (6.0 m) + tubular flat roller Ø 600 mm | BISONXL60RP6 | |
| 70 | BISON XL (6.0 m) + tubular string roller Ø 600 mm | BISONXL60RS6 | |
| 71 | BISON XL (6.0 m) + spring roller Ø 600 mm | BISONXL60SP | |
| 72 | BISON XL (6.0 m) + packer roller Ø 500 mm | BISONXL60P | |
| 73 | BISON XL (6.0 m) + v-ring roller Ø 600 mm | BISONXL60D | |
| 74 | BISON XL (6.0 m) + segment roller Ø 500 mm | BISONXL60S | |
| 75 | BISON XL (6.0 m) + segment roller 2020 Ø 500 mm | BISONXL60S2 | |
| 76 | BISON XL (6,0 m) + double spike roller | BISONXL60K | |
| 77 | BISON XL (6.0 m) + rubber roller Ø 530 mm | BISONXL60G | |
| 78 | BISON XL (6.0 m) + tyre roller Ø 670 mm | BISONXL60O | |
| 79 | BISON XL (6.0 m) + c-ring roller Ø 540 mm | BISONXL60C | |
| 80 | BISON XL (6.0 m) + tandem c-ring roller Ø 540 mm | BISONXL60CT | |


21

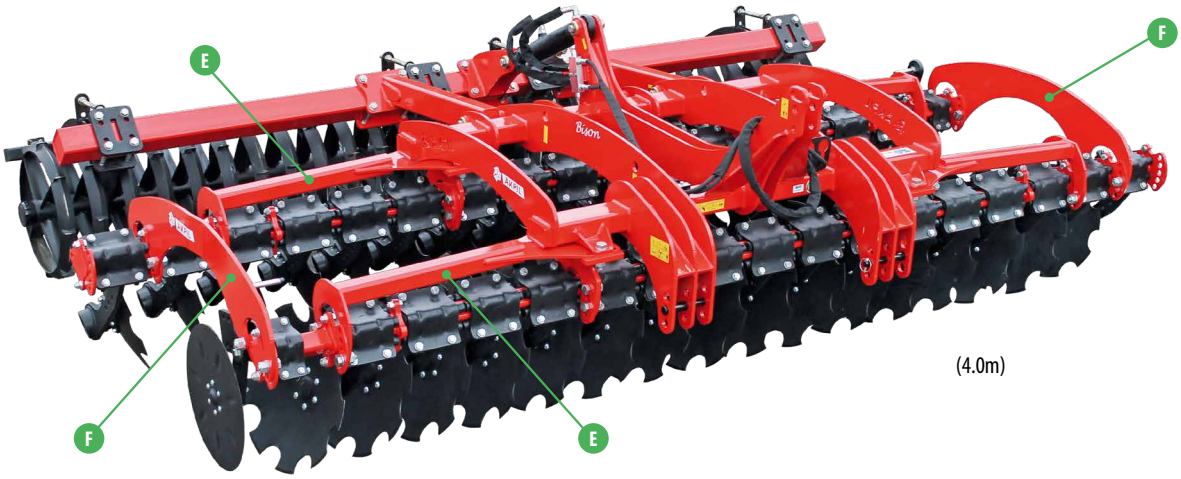

51






Bison

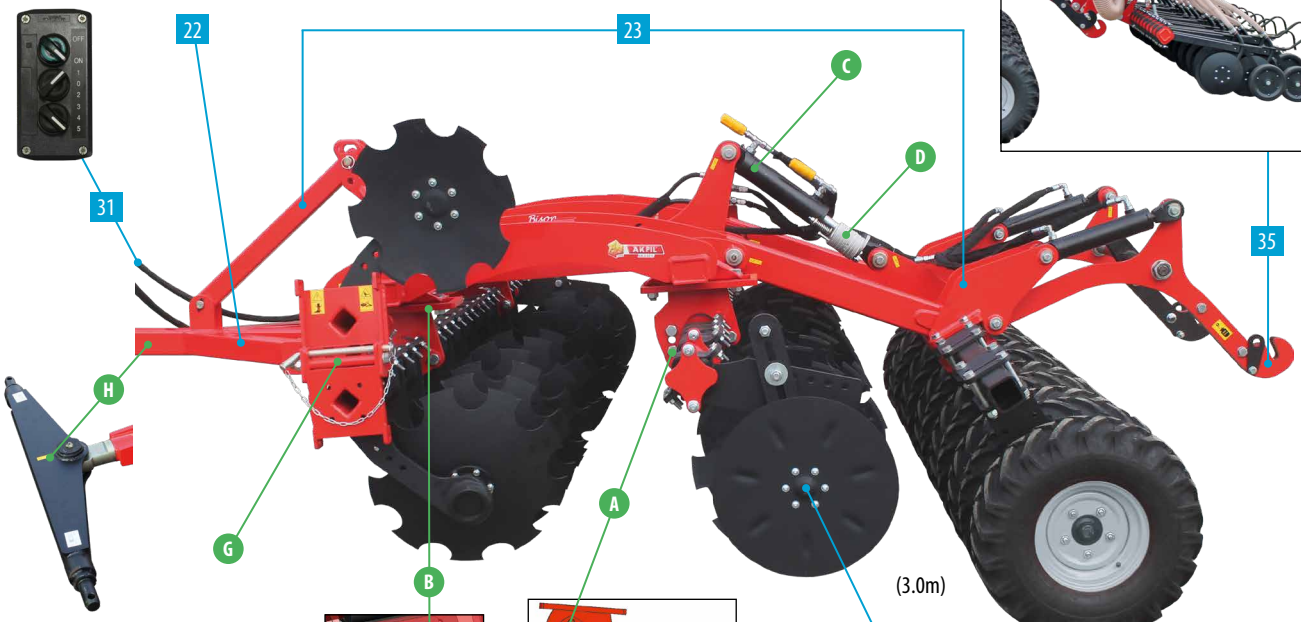




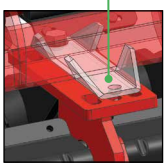

(4.0m)

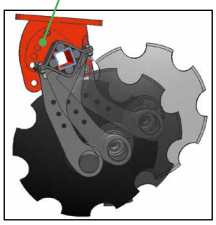
| [m] | 2.5 | 3.0 | 3.5 | 4.0 |
|---|---|---|---|---|
| [mm] | 560 / 610 / 660 | | | |
| X | 20 | 24 | 28 | 32 |
| [cm] | 100 | | | |
| [KM/kW] | 95/70 | 100/73 | 125/92 | 145/110 |
| kg + | 1650-2500 | 1800-2750 | 1950-3100 | 2100-3400 |
| kg + + | 2300-3150 | 2450-3400 | 2600-3750 | 2750-4050 |






(3.0m)



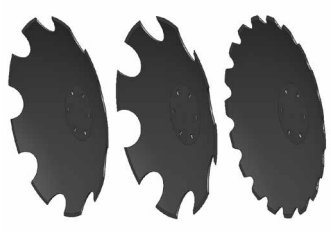








(3.0m)



**type I** **type II** **type III**

## Standard:

- notched disc Ø 610 × 5 mm **type II**(high quality discs – manufactured by AKPIL),
- spacing between disc rows 100 cm,
- transverse division of discs 25 cm,
- mechanical adjustment of disc pitch angle PATENT A
- mechanical adjustment of disc rollers to each other B
- rubber protection of each disc 35×210 mm,
- maintenance-free bearing with cassette guard,
- hydraulic depth adjustment on the roller C
- mechanical working depth memory D
- longitudinal reinforcement of supporting profiles (3.5m) and (4.0m) E
- transverse reinforcement of supporting profiles (4.0m) F
- coupling pins CAT. II and III,
- outermost discs lifted mechanically for transport (3.0m version) G
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional).

**Extra in TRAILED VERSION:**

- hydraulically lifted transport wheels 400/60-15.5 – tyre width 50 cm,
- coupling bar CAT. II and III H

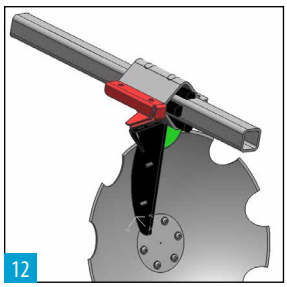
- requires 1 pair of hydraulic outputs (suspended version)
- required 2 pairs of hydraulic outputs (trailed version)

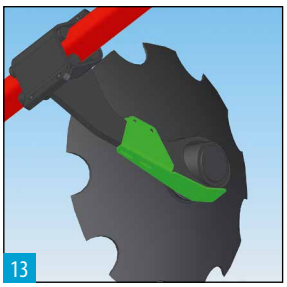


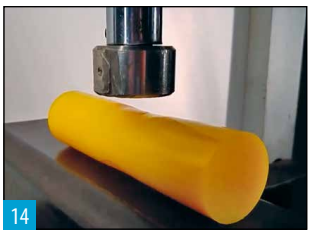

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Notched disc 560 mm × 5 mm (price per pc.) type I | 56X5I | |
| 2 | Notched disc 610mm × 5 mm (price per pc.) type I | 61X5I | |
| 3 | Notched disc 610mm × 6mm (price per pc.) type I | 61X6I | |
| 4 | Notched disc 660mm × 6mm (price per pc.) type I | 66X6I | |
| 5 | Notched disc 560 mm × 5 mm (price per pc.) type II | 56X5II | |
| 6 | Notched disc 610mm × 6mm (price per pc.) type II | 61X6II | |
| 7 | Notched disc 660mm × 6mm (price per pc.) type II | 66X6II | |
| 8 | Notched disc 560 mm × 5 mm (price per pc.) type III | 56X5III | |
| 9 | Notched disc 610mm × 5 mm (price per pc.) type III | 61X5III | |
| 10 | Notched disc 610mm × 6mm (price per pc.) type III | 61X6III | |
| 11 | Notched disc 660mm × 6mm (price per pc.) type III | 66X6III | |
| 12 | Disc scraper (1 pcs) | ST | |
| 13 | Metal housings for bearings | OM | |
| 14 | Polyurethane shock absorber – disc protection (price per pc.) 2.5m - 80 pcs.; 3.0m - 96 pcs.; 3.5m - 112 pcs.; 4.0m - 128 pcs. | AP | |
| 15 | Skids with frame for spring roller (price per 1 m) | PS | |
| 16 | Skid plate for spring roller (pc.) 2.5m - 13 pcs.; 3.0m - 15 pcs.; 3.5m - 18 pcs.; 4.0m - 20 pcs." | NP | |
| 17 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 18 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 19 | Scrapers for rubber roller (price per 1 m) | SG | |
| 20 | Chassis with drawbar (additionally requires 1 pair of hydraulic outputs) | PD | |
| 21 | Chassis with drawbar + hydraulic seed drill coupling + pneumatic brakes (additionally requires 2 pairs of hydraulic outputs) | PDS | |
| 22 | Drawbar (only version with tyre roller) | DO | |
| 23 | Drawbar + hydraulic seed drill coupling (only for tyre roller version) (additionally requires 1 pair of hydraulic outputs) | DOS | |
| 24 | Pneumatic / hydraulic brakes | HP / HH | |
| 25 | Screen of spring rakes between disc roller and roller | EZW | |
| 26 | Screen of spring rakes behind the roller (suspended version) | EZZ | |
| 27 | Side plate deflectors with rubber protection - mechanical adjustment (2 pcs.) | D | |
| 28 | Side disc deflectors with rubber protection and mechanical adjustment (2 pcs.) | DT | |
| 29 | Drawbar adjusted with turnbuckle | DS | |
| 30 | Hydraulic drawbar (additionally requires 1 pair of hydraulic outputs) | DH | |
| 31 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 32 | LED lights (back) – suspended version | OL | |
| 33 | Lights (back) – suspended version | OC | |
| 34 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 35 | Pneumatic seed drill "DRILL" suspended for COUPLING | DRILL | |
| 36 | Barrel bearing in a dust protection housing for rollers (2 pcs.) | LB | |
| 37 | Warning sign (2 pcs.) (back) | T2 | |
| 38 | Hydraulic adjustment of the disc attack angle with automatic adjustment of the tillage shaft | HRK | |
| 39 | Upper coupling pin | SZ | |
| 40 | Front levelling bar with hydraulic control (price per 1 m) (only version with tire roller or chassis)( tylko wersja z wałem oponym albo z podwoziem? | LW | |
| 41 | Knife roller ø 300mm with shock absorption and hydraulic adjustment (price for 1m) (only version with tire roller or chassis) | WN | |

**Photos of rollers and options – pages 76, 77**


12

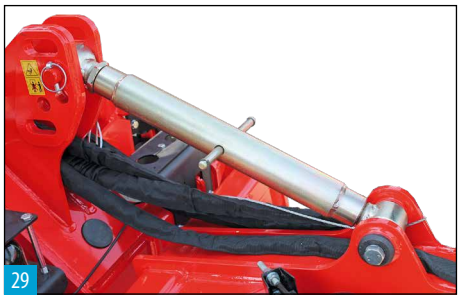

13


14

Shock absorber under 25 tonnes pressure retains its shape and properties

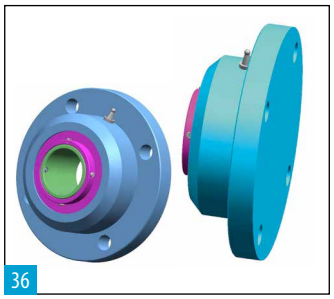

25





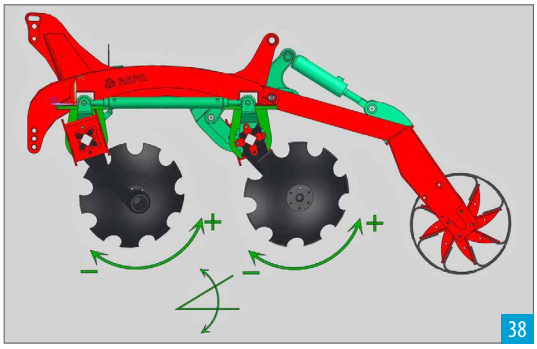







**NEW!**

Hydraulic adjustment of the disc attack angle with automatic adjustment of the tillage shaft










| | | | |
|---|---|---|---|
| 1 | BISON (2.5m) + smooth roller Ø 508mm | BISON25GL | |
| 2 | BISON (2.5m) + tubular roller Ø 530mm | BISON25R | |
| 3 | BISON (2.5m) + flat roller Ø 530mm | BISON25PŁ | |
| 4 | BISON (2.5m) + string roller Ø 530mm | BISON25ST | |
| 5 | BISON (2.5m) + tubular flat roller Ø 530mm | BISON25RP | |
| 6 | BISON (2.5m) + tubular string roller Ø 530mm | BISON25RS | |
| 7 | BISON (2.5m) + tubular roller Ø 600mm | BISON25R6 | |
| 8 | BISON (2.5m) + flat roller Ø 600mm | BISON25PŁ6 | |
| 9 | BISON (2.5m) + string roller Ø 600mm | BISON25ST6 | |
| 10 | BISON (2.5m) + tubular flat roller Ø 600mm | BISON25RP6 | |
| 11 | BISON (2.5m) + tubular string roller Ø 600mm | BISON25RS6 | |
| 12 | BISON (2.5m) + spring roller Ø 600mm | BISON25SP | |
| 13 | BISON (2.5m) + packer roller Ø 500mm | BISON25P | |
| 14 | BISON (2.5m) + v-ring roller Ø 600mm | BISON25D | |
| 15 | BISON (2.5m) + segment roller Ø 500mm | BISON25S | |
| 16 | BISON (2.5m) + segment roller 2020 Ø 500 mm | BISON25S2 | |
| 17 | BISON (2,5m) + double spike roller | BISON25K | |
| 18 | BISON (2.5m) + rubber roller Ø 530mm | BISON25G | |
| 19 | BISON (2.5m) + tyre roller Ø 670 mm | BISON25O | |
| 20 | BISON (2.5m) + c-ring roller Ø 540 mm | BISON25C | |
| 21 | BISON (2.5m) + tandem c-ring roller Ø 540 mm | BISON25CT | |
| 22 | BISON (3.0m) + smooth roller Ø 508mm | BISON30GL | |
| 23 | BISON (3.0m) + tubular roller Ø 530mm | BISON30R | |
| 24 | BISON (3.0m) + flat roller Ø 530mm | BISON30PŁ | |
| 25 | BISON (3.0m) + string roller Ø 530mm | BISON30ST | |
| 26 | BISON (3.0m) + tubular flat roller Ø 530mm | BISON30RP | |
| 27 | BISON (3.0m) + tubular string roller Ø 530mm | BISON30RS | |
| 28 | BISON (3.0m) + tubular roller Ø 600mm | BISON30R6 | |
| 29 | BISON (3.0m) + flat roller Ø 600mm | BISON30PŁ6 | |
| 30 | BISON (3.0m) + string roller Ø 600mm | BISON30ST6 | |
| 31 | BISON (3.0m) + tubular flat roller Ø 600mm | BISON30RP6 | |
| 32 | BISON (3.0m) + tubular string roller Ø 600mm | BISON30RS6 | |
| 33 | BISON (3.0m) + spring roller Ø 600mm | BISON30SP | |
| 34 | BISON (3.0m) + packer roller Ø 500mm | BISON30P | |
| 35 | BISON (3.0m) + v-ring roller Ø 600mm | BISON30D | |
| 36 | BISON (3.0m) + segment roller Ø 500mm | BISON30S | |
| 37 | BISON (3.0m) + segment roller 2020 Ø 500 mm | BISON30S2 | |
| 38 | BISON (3,0m) + double spike roller | BISON30K | |
| 39 | BISON (3.0m) + rubber roller Ø 530mm | BISON30G | |
| 40 | BISON (3.0m) + tyre roller Ø 670 mm | BISON30O | |
| 41 | BISON (3.0m) + c-ring roller Ø 540 mm | BISON30C | |
| 42 | BISON (3.0m) + tandem c-ring roller Ø 540 mm | BISON30CT | |

| | | | |
|---|---|---|---|
| 43 | BISON (3.5m) + smooth roller Ø 508mm | BISON35GL | |
| 44 | BISON (3.5m) + tubular roller Ø 530mm | BISON35R | |
| 45 | BISON (3.5m) + flat roller Ø 530mm | BISON35PŁ | |
| 46 | BISON (3.5m) + string roller Ø 530mm | BISON35ST | |
| 47 | BISON (3.5m) + tubular flat roller Ø 530mm | BISON35RP | |
| 48 | BISON (3.5m) + tubular string roller Ø 530mm | BISON35RS | |
| 49 | BISON (3.5m) + tubular roller Ø 600mm | BISON35R6 | |
| 50 | BISON (3.5m) + flat roller Ø 600mm | BISON35PŁ6 | |
| 51 | BISON (3.5m) + string roller Ø 600mm | BISON35ST6 | |
| 52 | BISON (3.5m) + tubular flat roller Ø 600mm | BISON35RP6 | |
| 53 | BISON (3.5m) + tubular string roller Ø 600mm | BISON35RS6 | |
| 54 | BISON (3.5m) + spring roller Ø 600mm | BISON35SP | |
| 55 | BISON (3.5m) + packer roller Ø 500mm | BISON35P | |
| 56 | BISON (3.5m) + v-ring roller Ø 600mm | BISON35D | |
| 57 | BISON (3.5m) + segment roller Ø 500mm | BISON35S | |
| 58 | BISON (3.5m) + segment roller 2020 Ø 500 mm | BISON35S2 | |
| 59 | BISON (3,5m) + double spike roller | BISON35K | |
| 60 | BISON (3.5m) + rubber roller Ø 530mm | BISON35G | |
| 61 | BISON (3.5m) + tyre roller Ø 670 mm | BISON35O | |
| 62 | BISON (3.5m) + c-ring roller Ø 540 mm | BISON35C | |
| 63 | BISON (3.5m) + tandem c-ring roller Ø 540 mm | BISON35CT | |
| 64 | BISON (4.0m) + smooth roller Ø 508mm | BISON40GL | |
| 65 | BISON (4.0m) + tubular roller Ø 530mm | BISON40R | |
| 66 | BISON (4.0m) + flat roller Ø 530mm | BISON40PŁ | |
| 67 | BISON (4.0m) + string roller Ø 530mm | BISON40ST | |
| 68 | BISON (4.0m) + tubular flat roller Ø 530mm | BISON40RP | |
| 69 | BISON (4.0m) + tubular string roller Ø 530mm | BISON40RS | |
| 70 | BISON (4.0m) + tubular roller Ø 600mm | BISON40R6 | |
| 71 | BISON (4.0m) + flat roller Ø 600mm | BISON40PŁ6 | |
| 72 | BISON (4.0m) + string roller Ø 600mm | BISON40ST6 | |
| 73 | BISON (4.0m) + tubular flat roller Ø 600mm | BISON40RP6 | |
| 74 | BISON (4.0m) + tubular string roller Ø 600mm | BISON40RS6 | |
| 75 | BISON (4.0m) + spring roller Ø 600mm | BISON40SP | |
| 76 | BISON (4.0m) + packer roller Ø 500mm | BISON40P | |
| 77 | BISON (4.0m) + v-ring roller Ø 600mm | BISON40D | |
| 78 | BISON (4.0m) + segment roller Ø 500mm | BISON40S | |
| 79 | BISON (4.0m) + segment roller 2020 Ø 500 mm | BISON40S2 | |
| 80 | BISON (4,0m) + double spike roller | BISON40K | |
| 81 | BISON (4.0m) + rubber roller Ø 530mm | BISON40G | |
| 82 | BISON (4.0m) + tyre roller Ø 670 mm | BISON40O | |
| 83 | BISON (4.0m) + c-ring roller Ø 540 mm | BISON40C | |
| 84 | BISON (4.0m) + tandem c-ring roller Ø 540 mm | BISON40CT | |



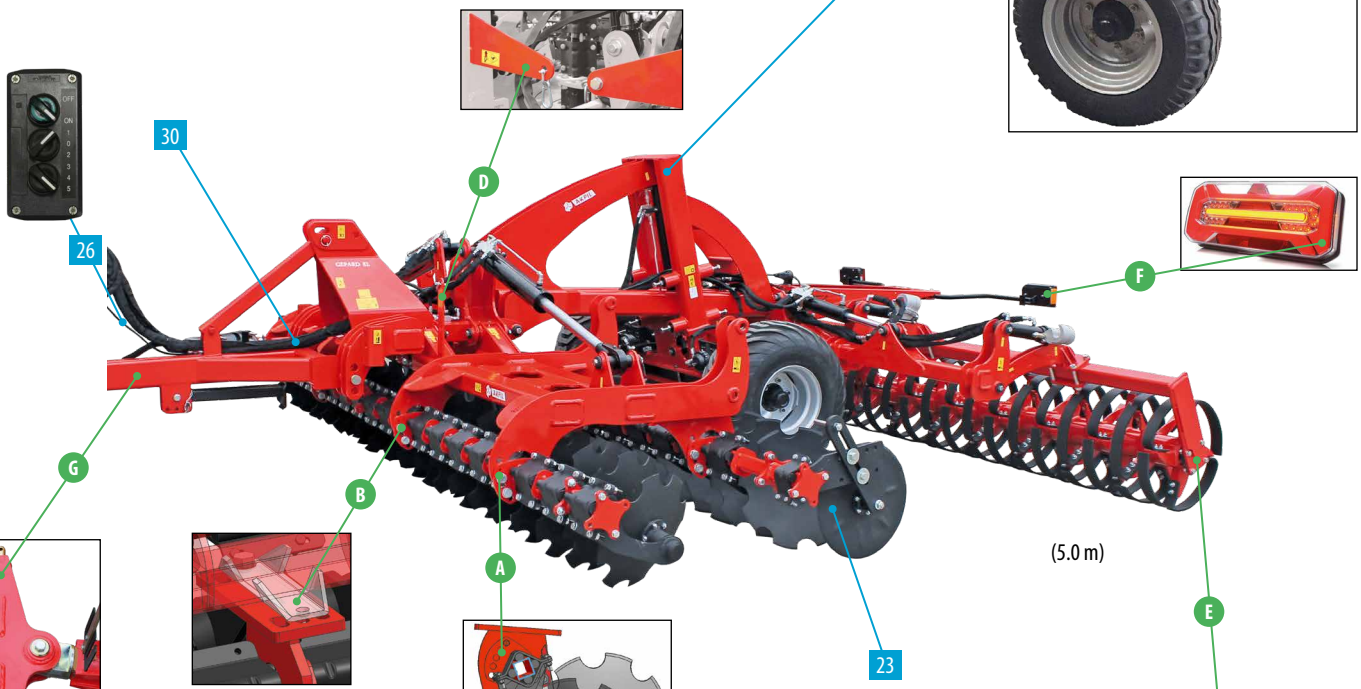



(5.0 m)




| | | | | | |
|---|---|---|---|---|---|
| [m] | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 |
| [mm] | 455 / 510 / 560 | | | | |
| X | 32 | 36 | 40 | 44 | 48 |
| [cm] | 100 | | | | |
| [KM/kW] | 150/110 | 160/117 | 170/125 | 180/132 | 190/139 |
| kg | 2500-4500 | 2700-4850 | 2900-5150 | 3150-5650 | 3350-6000 |
| kg | 3700-5700 | 3900-6050 | 4100-6350 | 4350-6850 | 4550-7200 |



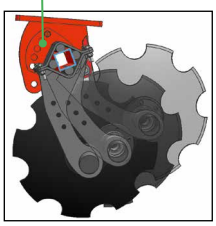




(5.0 m)

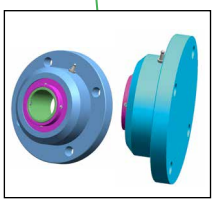


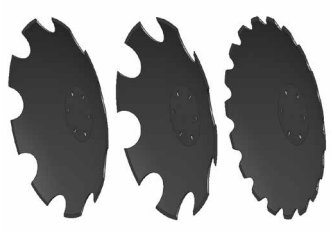










**type I** **type II** **type III**

## Standard:

- disc Ø 560 × 4 mm **type I**, (high quality discs – manufactured by AKPIL),
- spacing between disc rows 100cm,
- transverse division of discs 25 cm,
- mechanical adjustment of disc pitch angle PATENT A
- mechanical adjustment of disc rollers to each other B
- rubber protection of each disc 35×160 mm,
- maintenance-free bearing with cartridge seal,
- mechanical depth adjustment on the roller C
- mechanical working depth memory,
- hydraulic folding for transport,
- hydraulic and mechanical roller locking for transport D
- transverse reinforcement of supporting profiles (5.5m and 6.0m)
- coupling pins CAT III
- transport width 2.5 m,
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional),
- barrel bearing in a dust protection housing for rollers (4 pcs.) E

**Extra in TRAILED VERSION:**

- LED lights – back (trailed version) F
- hydraulically lifted transport wheels 400/60-15,5 tyre width 40 cm (chassis on the back),
- Hydraulically lifted transport wheels 400/60-15,5 width of wheel 40cm (chassis in),
- coupling bar CAT. III G
- hydraulic adjustment of the distance of the rollers – chassis in the middle
- requires 1 pairs of hydraulic outputs (suspended version),
- required 2 pairs of hydraulic outputs (trailed version – rear chassis),
- required 3 pairs of hydraulic outputs (trailed version – central chassis).



High quality discs – manufactured by **AKPIL**

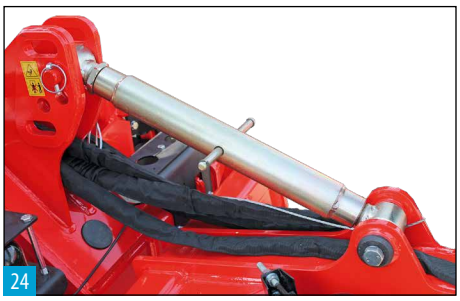
## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Discs 510mm × 4mm (price per pc.) type I | 51X4I | |
| 2 | Discs 560mm × 5mm (price per pc.) type I | 56X5I | |
| 3 | Discs 560mm × 6mm (price per pc.) type I | 56X6I | |
| 4 | Discs 510mm × 4mm (price per pc.) type II | 51X4II | |
| 5 | Discs 560mm × 4mm (price per pc.) type II | 56X4II | |
| 6 | Discs 560mm × 5mm (price per pc.) type II | 56X5II | |
| 7 | Discs 560mm × 6mm (price per pc.) type II | 56X6II | |
| 8 | Discs 510mm × 4mm (price per pc.) type III | 51X4III | |
| 9 | Discs 560mm × 4mm (price per pc.) type III | 56X4III | |
| 10 | Discs 560mm × 5mm (price per pc.) type III | 56X5III | |
| 11 | Discs 560mm × 6mm (price per pc.) type III | 56X6III | |
| 12 | Skids with frame for spring roller (price per 1 m) | PS | |
| 13 | Skid plate for spring roller (price per pc.) 4.0 m – 20 pcs.; 4.5 m – 22 pcs.; 5.0 m – 26 pcs.; 5.5 m – 28 pcs.; 6.0 m – 30 pcs. | NP | |
| 14 | Skid-scrapers for v-ring (price per 1 m) | PSK | |
| 15 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 16 | Scrapers for rubber roller (price per 1 m) | SG | |
| 17 | Chassis with drawbar in the rear (additionally requires 1 pair of hydraulic outputs) | PDT | |
| 18 | Chassis with drawbar in the centre + hydraulic adjustment of rollers (additionally requires 2 pairs of hydraulic outputs) | PDSHW | |
| 19 | Pneumatic or hydraulic brakes (version with chassis) | HP/HH | |
| 20 | Screen of spring rakes between disc roller and roller | EZW | |
| 21 | Screen of spring rakes behind the roller (suspended version) | EZZ | |
| 22 | Side plate deflectors adjustable with rubber protection and mechanical adjustment (2 pcs.) | D | |
| 23 | Side disc deflectors with rubber protection and mechanical adjustment (2 pcs.) | DT | |
| 24 | Drawbar adjusted with turnbuckle | DS | |
| 25 | Hydraulic drawbar (additionally requires 1 pair of hydraulic outputs) | DH | |
| 26 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 27 | LED lights (back) – suspended version | OL | |
| 28 | LED lights (front) – trailed version | OLP | |
| 29 | Warning sign (4 pcs.) | T4 | |
| 30 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 31 | Wedges with brackets under the wheels | K | |
| 32 | Ball coupling K80 (80 mm) (for Hitch) – available only with option 24 | ZK | |
| 33 | Eye coupling (for Hitch) Ø40 or Ø50 or Ø55 – available only with option 24 | Z40 / Z50 / Z55 | |
| 34 | Section rollers for reversing (fig. p. 73) | WDZ | |
| 35 | Support leg (for storing the folded machine) (suspended version) | SP | |
| 36 | Oil divider (even folding and unfolding of the right and left sides of disc rollers) | DZT | |
| 37 | Oil divider (even folding and unfolding of the right and left sides of rollers) | DZW | |
| 38 | Hydraulic adjustment or rollers (suspended version and version with rear chassis), (additionally requires 1 pair of hydraulic outputs) | HW | |
| 39 | 200kg counterweights | OB1 | |
| 40 | 400kg counterweights | OB2 | |
| 41 | Front levelling bar with hydraulic control (price per 1 m) (only version with tire roller or chassis)wersja ciągana) | LW | |
| 42 | Knife roller ø 300mm with shock absorption and hydraulic adjustment (price for 1m) (only version with tire roller or chassis)wersja ciągana) | WN | |
| 43 | Upper coupling pin | SZ | |

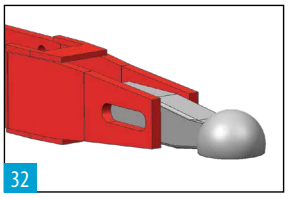
**Photos of rollers and options – pages 76, 77**

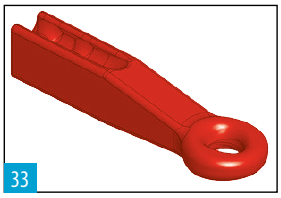

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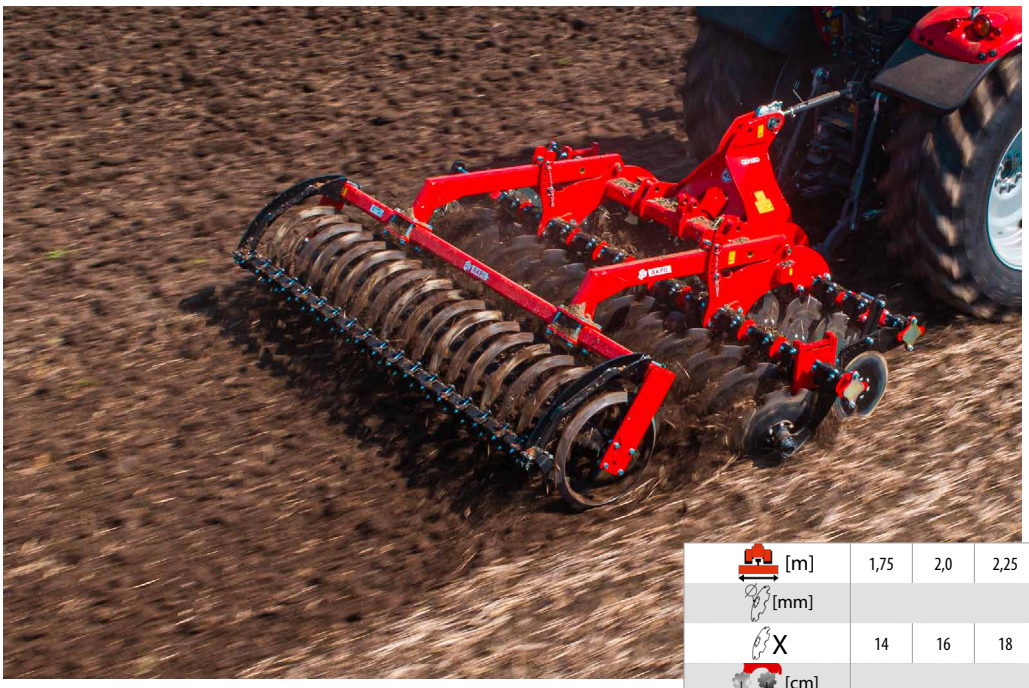

35


38
GEPARD XL



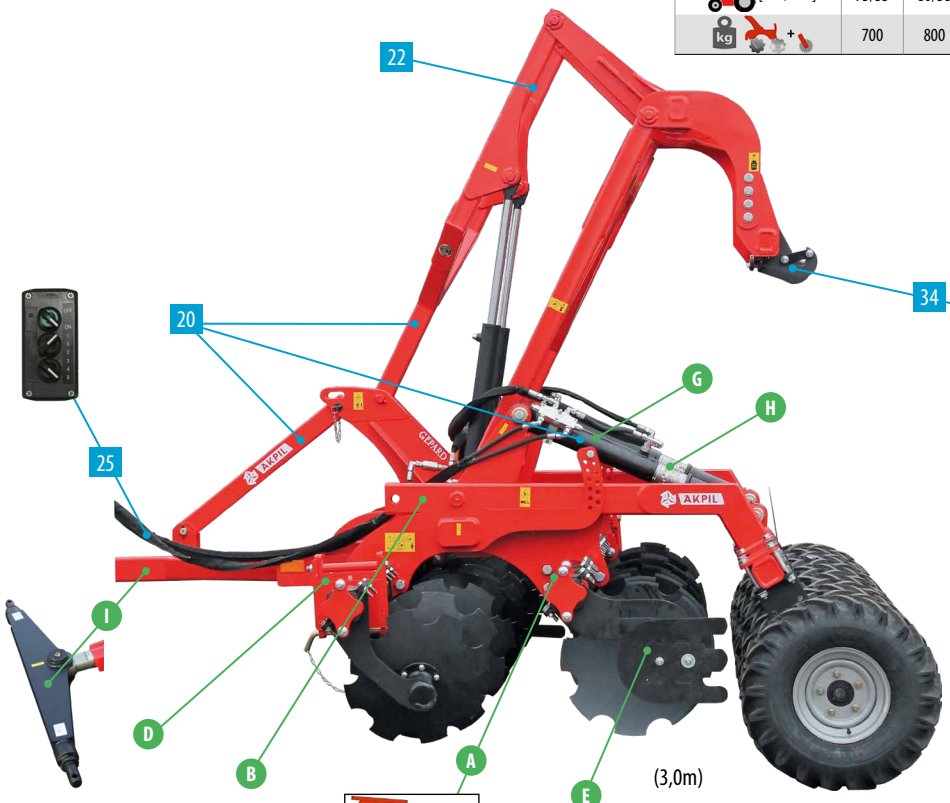
# SUSPENDED VERSION

| | | | |
|---|---|---|---|
| 1 | GEPARD XL (4.0 m) + tubular roller Ø 530mm | GEPARDXL40R | |
| 2 | GEPARD XL (4.0 m) + flat roller Ø 530mm | GEPARDXL40PL | |
| 3 | GEPARD XL (4.0 m) + string roller Ø 530mm | GEPARDXL40ST | |
| 4 | GEPARD XL (4.0 m) + tubular flat roller Ø 530mm | GEPARDXL40RP | |
| 5 | GEPARD XL (4.0 m) + tubular string roller Ø 530mm | GEPARDXL40RS | |
| 6 | GEPARD XL (4.0 m) + smooth roller Ø 508 mm | GEPARDXL40GL | |
| 7 | GEPARD XL (4.0 m) + tubular roller Ø 600 mm | GEPARDXL40R6 | |
| 8 | GEPARD XL (4.0 m) + flat roller Ø 600 mm | GEPARDXL40PL6 | |
| 9 | GEPARD XL (4.0 m) + string roller Ø 600 mm | GEPARDXL40ST6 | |
| 10 | GEPARD XL (4.0 m) + tubular flat roller Ø 600 mm | GEPARDXL40RP6 | |
| 11 | GEPARD XL (4.0 m) + tubular string roller Ø 600 mm | GEPARDXL40RS6 | |
| 12 | GEPARD XL (4.0 m) + spring roller Ø 600 mm | GEPARDXL40SP | |
| 13 | GEPARD XL (4.0 m) + packer roller Ø 500 mm | GEPARDXL40P | |
| 14 | GEPARD XL (4.0 m) + v-ring roller Ø 600 mm | GEPARDXL40D | |
| 15 | GEPARD XL (4.0 m) + segment roller Ø 500 mm | GEPARDXL40S | |
| 16 | GEPARD XL (4.0 m) + segment roller 2020 Ø 500 mm | GEPARDXL40S2 | |
| 17 | GEPARD XL (4,0 m) + double spike roller | GEPARDXL40K | |
| 18 | GEPARD XL (4.0 m) + rubber roller Ø 530 mm | GEPARDXL40G | |
| 19 | GEPARD XL (4.0 m) + tyre roller Ø 670 mm | GEPARDXL40O | |
| 20 | GEPARD XL (4.0 m) + c-ring roller Ø 540 mm | GEPARDXL40C | |
| 21 | GEPARD XL (4.0 m) + tandem c-ring roller Ø 540 mm | GEPARDXL40CT | |
| 22 | GEPARD XL (4.5m) + tubular roller Ø 530mm | GEPARDXL45R | |
| 23 | GEPARD XL (4.5m) + flat roller Ø 530mm | GEPARDXL45PL | |
| 24 | GEPARD XL (4.5m) + string roller Ø 530mm | GEPARDXL45ST | |
| 25 | GEPARD XL (4.5m) + tubular flat roller Ø 530mm | GEPARDXL45RP | |
| 26 | GEPARD XL (4.5m) + tubular string roller Ø 530mm | GEPARDXL45RS | |
| 27 | GEPARD XL (4.5m) + smooth roller Ø 508 mm | GEPARDXL45GL | |
| 28 | GEPARD XL (4.5m) + tubular roller Ø 600 mm | GEPARDXL45R6 | |
| 29 | GEPARD XL (4.5m) + flat roller Ø 600 mm | GEPARDXL45PL6 | |
| 30 | GEPARD XL (4.5m) + string roller Ø 600 mm | GEPARDXL45ST6 | |
| 31 | GEPARD XL (4.5m) + tubular flat roller Ø 600 mm | GEPARDXL45RP6 | |
| 32 | GEPARD XL (4.5m) + tubular string roller Ø 600 mm | GEPARDXL45RS6 | |
| 33 | GEPARD XL (4.5m) + spring roller Ø 600 mm | GEPARDXL45SP | |
| 34 | GEPARD XL (4.5m) + packer roller Ø 500 mm | GEPARDXL45P | |
| 35 | GEPARD XL (4.5m) + v-ring roller Ø 600 mm | GEPARDXL45D | |
| 36 | GEPARD XL (4.5m) + segment roller Ø 500 mm | GEPARDXL45S | |
| 37 | GEPARD XL (4.5m) + segment roller 2020 Ø 500 mm | GEPARDXL45S2 | |
| 38 | GEPARD XL (4,5m) + double spike roller | GEPARDXL45K | |
| 39 | GEPARD XL (4.5m) + rubber roller Ø 530 mm | GEPARDXL45G | |
| 40 | GEPARD XL (4.5m) + tyre roller Ø 670 mm | GEPARDXL45O | |
| 41 | GEPARD XL (4.5m) + c-ring roller Ø 540 mm | GEPARDXL45C | |
| 42 | GEPARD XL (4.5m) + tandem c-ring roller Ø 540 mm | GEPARDXL45CT | |
| 43 | GEPARD XL (5.0m) + tubular roller Ø 530mm | GEPARDXL50R | |
| 44 | GEPARD XL (5.0m) + flat roller Ø 530mm | GEPARDXL50PL | |
| 45 | GEPARD XL (5.0m) + string roller Ø 530mm | GEPARDXL50ST | |
| 46 | GEPARD XL (5.0m) + tubular flat roller Ø 530mm | GEPARDXL50RP | |
| 47 | GEPARD XL (5.0m) + tubular string roller Ø 530mm | GEPARDXL50RS | |
| 48 | GEPARD XL (5.0m) + smooth roller Ø 508 mm | GEPARDXL50GL | |
| 49 | GEPARD XL (5.0m) + tubular roller Ø 600 mm | GEPARDXL50R6 | |
| 50 | GEPARD XL (5.0m) + flat roller Ø 600 mm | GEPARDXL50PL6 | |
| 51 | GEPARD XL (5.0m) + string roller Ø 600 mm | GEPARDXL50ST6 | |
| 52 | GEPARD XL (5.0m) + tubular flat roller Ø 600 mm | GEPARDXL50RP6 | |
| 53 | GEPARD XL (5.0m) + tubular string roller Ø 600 mm | GEPARDXL50RS6 | |
| 54 | GEPARD XL (5.0m) + spring roller Ø 600 mm | GEPARDXL50SP | |
| 55 | GEPARD XL (5.0m) + packer roller Ø 500 mm | GEPARDXL50P | |
| 56 | GEPARD XL (5.0m) + v-ring roller Ø 600 mm | GEPARDXL50D | |
| 57 | GEPARD XL (5.0m) + segment roller Ø 500 mm | GEPARDXL50S | |
| 58 | GEPARD XL (5.0m) + segment roller 2020 Ø 500 mm | GEPARDXL50S2 | |
| 59 | GEPARD XL (5,0m) + double spike roller | GEPARDXL50K | |
| 60 | GEPARD XL (5.0m) + rubber roller Ø 530 mm | GEPARDXL50G | |
| 61 | GEPARD XL (5.0m) + tyre roller Ø 670 mm | GEPARDXL50O | |
| 62 | GEPARD XL (5.0m) + c-ring roller Ø 540 mm | GEPARDXL50C | |
| 63 | GEPARD XL (5.0m) + tandem c-ring roller Ø 540 mm | GEPARDXL50CT | |
| 64 | GEPARD XL (5.5m) + tubular roller Ø 530mm | GEPARDXL55R | |
| 65 | GEPARD XL (5.5m) + flat roller Ø 530mm | GEPARDXL55PL | |
| 66 | GEPARD XL (5.5m) + string roller Ø 530mm | GEPARDXL55ST | |
| 67 | GEPARD XL (5.5m) + tubular flat roller Ø 530mm | GEPARDXL55RP | |
| 68 | GEPARD XL (5.5m) + tubular string roller Ø 530mm | GEPARDXL55RS | |
| 69 | GEPARD XL (5.5m) + smooth roller Ø 508 mm | GEPARDXL55GL | |
| 70 | GEPARD XL (5.5m) + tubular roller Ø 600 mm | GEPARDXL55R6 | |
| 71 | GEPARD XL (5.5m) + flat roller Ø 600 mm | GEPARDXL55PL6 | |
| 72 | GEPARD XL (5.5m) + string roller Ø 600 mm | GEPARDXL55ST6 | |
| 73 | GEPARD XL (5.5m) + tubular flat roller Ø 600 mm | GEPARDXL55RP6 | |
| 74 | GEPARD XL (5.5m) + tubular string roller Ø 600 mm | GEPARDXL55RS6 | |
| 75 | GEPARD XL (5.5m) + spring roller Ø 600 mm | GEPARDXL55SP | |
| 76 | GEPARD XL (5.5m) + packer roller Ø 500 mm | GEPARDXL55P | |
| 77 | GEPARD XL (5.5m) + v-ring roller Ø 600 mm | GEPARDXL55D | |
| 78 | GEPARD XL (5.5m) + segment roller Ø 500 mm | GEPARDXL55S | |
| 79 | GEPARD XL (5.5m) + segment roller 2020 Ø 500 mm | GEPARDXL55S2 | |
| 80 | GEPARD XL (5,5m) + double spike roller | GEPARDXL55K | |
| 81 | GEPARD XL (5.5m) + rubber roller Ø 530 mm | GEPARDXL55G | |
| 82 | GEPARD XL (5.5m) + tyre roller Ø 670 mm | GEPARDXL55O | |
| 83 | GEPARD XL (5.5m) + c-ring roller Ø 540 mm | GEPARDXL55C | |
| 84 | GEPARD XL (5.5m) + tandem c-ring roller Ø 540 mm | GEPARDXL55CT | |
| 85 | GEPARD XL (6.0m) + tubular roller Ø 530mm | GEPARDXL60R | |
| 86 | GEPARD XL (6.0m) + flat roller Ø 530mm | GEPARDXL60PL | |
| 87 | GEPARD XL (6.0m) + string roller Ø 530mm | GEPARDXL60ST | |
| 88 | GEPARD XL (6.0m) + tubular flat roller Ø 530mm | GEPARDXL60RP | |
| 89 | GEPARD XL (6.0m) + tubular string roller Ø 530mm | GEPARDXL60RS | |
| 90 | GEPARD XL (6.0m) + smooth roller Ø 508 mm | GEPARDXL60GL | |
| 91 | GEPARD XL (6.0m) + tubular roller Ø 600 mm | GEPARDXL60R6 | |
| 92 | GEPARD XL (6.0m) + flat roller Ø 600 mm | GEPARDXL60PL6 | |
| 93 | GEPARD XL (6.0m) + string roller Ø 600 mm | GEPARDXL60ST6 | |
| 94 | GEPARD XL (6.0m) + tubular flat roller Ø 600 mm | GEPARDXL60RP6 | |
| 95 | GEPARD XL (6.0m) + tubular string roller Ø 600 mm | GEPARDXL60RS6 | |
| 96 | GEPARD XL (6.0m) + spring roller Ø 600 mm | GEPARDXL60SP | |
| 97 | GEPARD XL (6.0m) + packer roller Ø 500 mm | GEPARDXL60P | |
| 98 | GEPARD XL (6.0m) + v-ring roller Ø 600 mm | GEPARDXL60D | |
| 99 | GEPARD XL (6.0m) + segment roller Ø 500 mm | GEPARDXL60S | |
| 100 | GEPARD XL (6.0m) + segment roller 2020 Ø 500 mm | GEPARDXL60S2 | |
| 101 | GEPARD XL (6,0m) + double spike roller | GEPARDXL60K | |
| 102 | GEPARD XL (6.0m) + rubber roller Ø 530 mm | GEPARDXL60G | |
| 103 | GEPARD XL (6.0m) + tyre roller Ø 670 mm | GEPARDXL60O | |
| 104 | GEPARD XL (6.0m) + c-ring roller Ø 540 mm | GEPARDXL60C | |
| 105 | GEPARD XL (6.0m) + tandem c-ring roller Ø 540 mm | GEPARDXL60CT | |

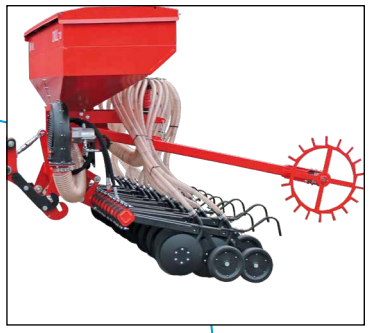


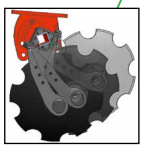


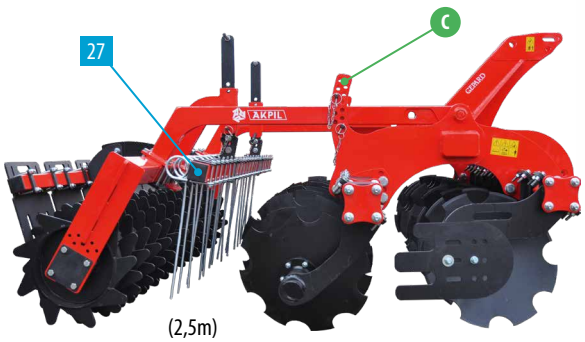

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| [m] | 1,75 | 2,0 | 2,25 | 2,5 | 2,75 | 3,0 | 3,25 | 3,50 | 4,0 |
| [mm] | 455 / 510 / 560 | | | | | | | | |
| X | 14 | 16 | 18 | 20 | 22 | 24 | 26 | 28 | 32 |
| [cm] | 75 / 100 | | | | | | | | |
| [KM/kW] | 75/55 | 80/58 | 85/62 | 90/66 | 95/70 | 100/75 | 105/77 | 110/80 | 120/88 |
| kg + | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1600 |



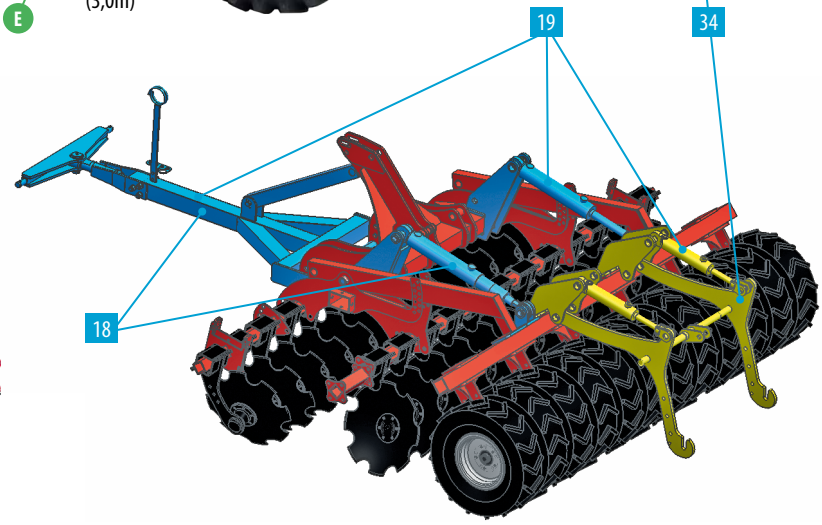

(3,0m)





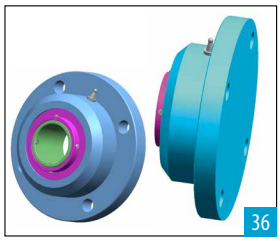



(2,5m)





typ I typ II typ III



36



33



34

## Standard:

- notched disc Ø 560x4 mm type I,
- spacing between disc rows 75 cm,
- transverse division of discs 25 cm,
- mechanical adjustment of disc pitch angle A
- adjustment of the distance of the roller in relation to the disc shaft B
- rubber protection of each disc, 35×160 mm,
- maintenance-free bearing with cassette guard,
- mechanical depth adjustment on the roller C
- coupling pins CAT. II,
- outermost discs lifted mechanically for transport (3.0m version) D
- side plate deflectors for rubber protection - adjustable mechanically E
- transverse reinforcement of supporting profiles (3.5m and 4.0m) F
- double-braided hydraulic hoses 330 bar (if present),
- hydraulic locks for all actuators (standard and optional).



**Extra in TRAILED VERSION:**

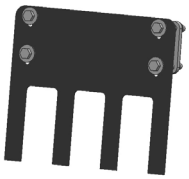
- hydraulic depth adjustment on the roller G
- mechanical working depth memory H
- coupling bar CAT. II and III I
- requires 1 pair of hydraulic outputs (trailed version)

## Optional accessories:

| | | | |
|---|---|---|---|
| Spacing between disc rows 100 cm - **note in order** | | R100 | |
| 1 | Discs 455mm × 4mm (price per pc.) type I | T45X4I | |
| 2 | Discs 510mm × 4mm (price per pc.) type I | T51X4I | |
| 3 | Discs 510mm × 5mm (price per pc.) type I | T51X5I | |
| 4 | Discs 560mm × 5mm (price per pc.) type II | T56X5I | |
| 5 | Discs 560mm × 5mm (price per pc.) type II | T56X5II | |
| 6 | Discs 455mm × 4mm (price per pc.) type III | T45X4III | |
| 7 | Discs 510mm × 4mm (price per pc.) type III | T51X4III | |
| 8 | Discs 510mm × 5mm (price per pc.) type III | T51X5III | |
| 9 | Discs 560mm × 5mm (price per pc.) type III | T56X5III | |
| 10 | Discs 455mm x 4mm (price per pc.) type III | T45X4III | |
| 11 | Discs 510mm x 4mm (price per pc.) type III | T51X4III | |
| 12 | Discs 510mm x 5mm (price per pc.) type III | T51X5III | |
| 13 | Discs 560mm x 4mm (price per pc.) type III | T56X4III | |
| 14 | Discs 560mm x 5mm (price per pc.) type III | T56X5III | |
| 15 | Side disc deflectors with rubber protection adjustable mechanically (2 pcs.) | DT | |
| 16 | Pin CAT. I and II | S2 | |
| 17 | Pin CAT. III | S3 | |
| 18 | Skids with frame for spring roller (price per 1 m) | PSP | |
| 19 | Skid plate for spring roller (pc.) 1.75m - 9 pcs.; 2.0m - 10 pcs.; 2.25m - 11 pcs.; 2.5m -13 pcs.; 2.75m - 14 pcs.; 3.0m - 15 pcs.; 3.25m - 17 pcs.; 3.5m - 18 pcs.; 4.0m - 20 pcs. | NP | |
| 20 | Skid-scrapers for v-ring (price per 1 m) | PD | |
| 21 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 22 | Scrapers for rubber roller (price per 1 m) | SG | |
| 23 | Drawbar + transport hydraulics (only for tyre roller version) (additionally requires 1 pair of hydraulic outputs) | DO | |
| 24 | Drawbar + transport hydraulics + seed drill COUPLING (only for tyre roller version) (additionally requires 2 pair of hydraulic outputs) | DOS | |
| 25 | Drawbar + transport hydraulics + HYDROPAK (2 cylinders) (only for tyre roller version) (additionally requires 2 pair of hydraulic outputs) | DOH | |
| 26 | Hydraulic frame for the seed drill extension (HYDROPAK) (1 cylinder) (additionally requires 1 pair of hydraulic outputs) | HK | |
| 27 | Hydraulic frame for the seed drill extension (HYDROPAK) (2 cylinders) (additionally requires 1 pair of hydraulic outputs) | HK2 | |
| 28 | Drawbar adjusted with turnbuckle | DS | |
| 29 | Hydraulic drawbar (additionally requires 1 pair of hydraulic outputs) | DH | |
| 30 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 31 | Supports under seed drill wheels | WK | |
| 32 | Screen of spring rakes between the discs and the roller (version without HYDROPAK) | EZW | |
| 33 | Counterweights - 200kg (version without HYDROPAK) | OB | |
| 34 | LED lighting version (back) | OL | |
| 35 | Warning sign (2 pcs.) (back) | T2 | |
| 36 | Aftercrop seeder "POPLON" with a bracket | PN | |
| 37 | Pneumatic seed drill "DRILL" 3.0 for placing onto the machine (suspended version) | DRZ | |
| 38 | Pneumatic seed drill "DRILL" 3.0 for placing onto the machine (trailed version only with tyre roller) | DRC | |
| 39 | Pneumatic seed drill "DRILL" 3.0 suspended on HYDROPAK or for COUPLING | DRH | |
| 40 | Barrel bearing in a dust protection housing for rollers | LB | |
| 41 | Hydraulic adjustment of rollers | HR | |
| 42 | Upper coupling pin | SZ | |
| 43 | Front levelling bar with hydraulic control (price per 1 m) (only version with tire roller or chassis) | LW | |
| 44 | Knife roller ø 300mm with shock absorption and hydraulic adjustment (price for 1m) (only version with tire roller or chassis) | WN | |
| 45 | Chassis with drawbar (additionally required 1 pair of hydraulic outputs) | PD | |
| Hydraulic locks for all cylinders | | | |

**Photos of rollers and options – pages 76, 77**



skrobak standard



skrobak pojedynczy

**UWAGA!**
Skrobak standard występuje tylko w GEPARD i GEPARD XL.



| | | | |
|---|---|---|---|
| 1 | GEPARD (1.75m) + tubular roller Ø 530mm | GEPARD175R | |
| 2 | GEPARD (1.75m) + flat roller Ø 530mm | GEPARD175PŁ | |
| 3 | GEPARD (1.75m) + string roller Ø 530mm | GEPARD175ST | |
| 4 | GEPARD (1.75m) + tubular flat roller Ø 530mm | GEPARD175RP | |
| 5 | GEPARD (1.75m) + tubular string roller Ø 530mm | GEPARD175RS | |
| 6 | GEPARD (1.75m) + tubular roller Ø 600mm | GEPARD175R6 | |
| 7 | GEPARD (1.75m) + flat roller Ø 600mm | GEPARD175PŁ6 | |
| 8 | GEPARD (1.75m) + string roller Ø 600mm | GEPARD175ST6 | |
| 9 | GEPARD (1.75m) + tubular flat roller Ø 600mm | GEPARD175RP6 | |
| 10 | GEPARD (1.75m) + tubular string roller Ø 600mm | GEPARD175RS6 | |
| 11 | GEPARD (1.75m) + spring roller Ø 600mm | GEPARD175SP | |
| 12 | GEPARD (1.75m) + packer roller Ø 500mm standard scraper | GEPARD175P | |
| 13 | GEPARD (1.75m) + packer roller Ø 500mm single scraper | GEPARD175P1 | |
| 14 | GEPARD (1.75m) + v-ring roller Ø 600mm | GEPARD175D | |
| 15 | GEPARD (1.75m) + segment roller Ø 500mm standard scraper | GEPARD175S | |
| 16 | GEPARD (1.75m) + segment roller Ø 500mm single scraper | GEPARD175S1 | |
| 17 | GEPARD (1.75m) + spike roller | GEPARD175K | |
| 18 | GEPARD (1.75m) + rubber roller Ø 530mm | GEPARD175G | |
| 19 | GEPARD (1.75m) + c-ring roller Ø 540 mm | GEPARD175C | |
| 20 | GEPARD (1.75m) + tandem c-ring roller Ø 540 mm | GEPARD175CT | |
| 21 | GEPARD (2.0m) + tubular roller Ø 530mm | GEPARD20R | |
| 22 | GEPARD (2.0m) + flat roller Ø 530mm | GEPARD20PŁ | |
| 23 | GEPARD (2.0m) + string roller Ø 530mm | GEPARD20ST | |
| 24 | GEPARD (2.0m) + tubular flat roller Ø 530mm | GEPARD20RP | |
| 25 | GEPARD (2.0m) + tubular string roller Ø 530mm | GEPARD20RS | |
| 26 | GEPARD (2.0m) + tubular roller Ø 600mm | GEPARD20R6 | |
| 27 | GEPARD (2.0m) + flat roller Ø 600mm | GEPARD20PŁ6 | |
| 28 | GEPARD (2.0m) + string roller Ø 600mm | GEPARD20ST6 | |
| 29 | GEPARD (2.0m) + tubular flat roller Ø 600mm | GEPARD20RP6 | |
| 30 | GEPARD (2.0m) + tubular string roller Ø 600mm | GEPARD20RS6 | |
| 31 | GEPARD (2.0m) + spring roller Ø 600mm | GEPARD20SP | |

| | | | |
|---|---|---|---|
| 32 | GEPARD (2.0m) + packer roller Ø 500mm standard scraper | GEPARD20P | |
| 33 | GEPARD (2.0m) + packer roller Ø 500mm single scraper | GEPARD20P1 | |
| 34 | GEPARD (2.0m) + v-ring roller Ø 600mm | GEPARD20D | |
| 35 | GEPARD (2.0m) + segment roller Ø 500mm standard scraper | GEPARD20S | |
| 36 | GEPARD (2.0m) + segment roller Ø 500mm single scraper | GEPARD20S1 | |
| 37 | GEPARD (2.0m) + spike roller | GEPARD20K | |
| 38 | GEPARD (2.0m) + rubber roller Ø 530mm | GEPARD20G | |
| 39 | GEPARD (2.0m) + c-ring roller Ø 540 mm | GEPARD20C | |
| 40 | GEPARD (2.0m) + tandem c-ring roller Ø 540 mm | GEPARD20CT | |
| 41 | GEPARD (2.25m) + tubular roller Ø 530mm | GEPARD225R | |
| 42 | GEPARD (2.25m) + flat roller Ø 530mm | GEPARD225PŁ | |
| 43 | GEPARD (2.25m) + string roller Ø 530mm | GEPARD225ST | |
| 44 | GEPARD (2.25m) + tubular flat roller Ø 530mm | GEPARD225RP | |
| 45 | GEPARD (2.25m) + tubular string roller Ø 530mm | GEPARD225RS | |
| 46 | GEPARD (2.25m) + tubular roller Ø 600mm | GEPARD225R6 | |
| 47 | GEPARD (2.25m) + flat roller Ø 600mm | GEPARD225PŁ6 | |
| 48 | GEPARD (2.25m) + string roller Ø 600mm | GEPARD225ST6 | |
| 49 | GEPARD (2.25m) + tubular flat roller Ø 600mm | GEPARD225RP6 | |
| 50 | GEPARD (2.25m) + tubular string roller Ø 600mm | GEPARD225RS6 | |
| 51 | GEPARD (2.25m) + spring roller Ø 600mm | GEPARD225SP | |
| 52 | GEPARD (2.25m) + packer roller Ø 500mm standard scraper | GEPARD225P | |
| 53 | GEPARD (2.25m) + packer roller Ø 500mm single scraper | GEPARD225P1 | |
| 54 | GEPARD (2.25m) + v-ring roller Ø 600mm | GEPARD225D | |
| 55 | GEPARD (2.25m) + segment roller Ø 500mm standard scraper | GEPARD225S | |
| 56 | GEPARD (2.25m) + segment roller Ø 500mm single scraper | GEPARD225S1 | |
| 57 | GEPARD (2.25m) + spike roller | GEPARD225K | |
| 58 | GEPARD (2.25m) + rubber roller Ø 530mm | GEPARD225G | |
| 59 | GEPARD (2.25m) + c-ring roller Ø 540 mm | GEPARD225C | |
| 60 | GEPARD (2.25m) + tandem c-ring roller Ø 540 mm | GEPARD225CT | |
| 61 | GEPARD (2.5m) + tubular roller Ø 530mm | GEPARD25R | |
| 62 | GEPARD (2.5m) + flat roller Ø 530mm | GEPARD25PŁ | |

| | | | |
|---|---|---|---|
| 63 | GEPARD (2.5m) + string roller Ø 530mm | GEPARD25ST | |
| 64 | GEPARD (2.5m) + tubular flat roller Ø 530mm | GEPARD25RP | |
| 65 | GEPARD (2.5m) + tubular string roller Ø 530mm | GEPARD25RS | |
| 66 | GEPARD (2.5m) + tubular roller Ø 600mm | GEPARD25R6 | |
| 67 | GEPARD (2.5m) + flat roller Ø 600mm | GEPARD25PŁ6 | |
| 68 | GEPARD (2.5m) + string roller Ø 600mm | GEPARD25ST6 | |
| 69 | GEPARD (2.5m) + tubular flat roller Ø 600mm | GEPARD25RP6 | |
| 70 | GEPARD (2.5m) + tubular string roller Ø 600mm | GEPARD25RS6 | |
| 71 | GEPARD (2.5m) + spring roller Ø 600mm | GEPARD25SP | |
| 72 | GEPARD (2.5m) + packer roller Ø 500mm standard scraper | GEPARD25P | |
| 73 | GEPARD (2.5m) + packer roller Ø 500mm single scraper | GEPARD25P1 | |
| 74 | GEPARD (2.5m) + v-ring roller Ø 600mm | GEPARD25D | |
| 75 | GEPARD (2.5m) + segment roller Ø 500mm standard scraper | GEPARD25S | |
| 76 | GEPARD (2.5m) + segment roller Ø 500mm single scraper | GEPARD25S1 | |
| 77 | GEPARD (2.5m) + spike roller | GEPARD25K | |
| 78 | GEPARD (2.5m) + rubber roller Ø 530mm | GEPARD25G | |
| 79 | GEPARD (2.5m) + tyre roller Ø 670 mm | GEPARD25O | |
| 80 | GEPARD (2.5m) + c-ring roller Ø 540 mm | GEPARD25C | |
| 81 | GEPARD (2.5m) + tandem c-ring roller Ø 540 mm | GEPARD25CT | |
| 82 | GEPARD (2.75m) + tubular roller Ø 530mm | GEPARD275R | |
| 83 | GEPARD (2.75m) + flat roller Ø 530mm | GEPARD275PŁ | |
| 84 | GEPARD (2.75m) + string roller Ø 530mm | GEPARD275ST | |
| 85 | GEPARD (2.75m) + tubular flat roller Ø 530mm | GEPARD275RP | |
| 86 | GEPARD (2.75m) + tubular string roller Ø 530mm | GEPARD275RS | |
| 87 | GEPARD (2.75m) + tubular roller Ø 600mm | GEPARD275R6 | |
| 88 | GEPARD (2.75m) + flat roller Ø 600mm | GEPARD275PŁ6 | |
| 89 | GEPARD (2.75m) + string roller Ø 600mm | GEPARD275ST6 | |
| 90 | GEPARD (2.75m) + tubular flat roller Ø 600mm | GEPARD275RP6 | |
| 91 | GEPARD (2.75m) + tubular string roller Ø 600mm | GEPARD275RS6 | |
| 92 | GEPARD (2.75m) + spring roller Ø 600mm | GEPARD275SP | |
| 93 | GEPARD (2.75m) + packer roller Ø 500mm standard scraper | GEPARD275P | |
| 94 | GEPARD (2.75m) + packer roller Ø 500mm single scraper | GEPARD275P1 | |
| 95 | GEPARD (2.75m) + v-ring roller Ø 600mm | GEPARD275D | |
| 96 | GEPARD (2.75m) + segment roller Ø 500mm standard scraper | GEPARD275S | |
| 97 | GEPARD (2.75m) + segment roller Ø 500mm single scraper | GEPARD275S1 | |
| 98 | GEPARD (2.75m) + spike roller | GEPARD275K | |
| 99 | GEPARD (2.75m) + rubber roller Ø 530mm | GEPARD275G | |
| 100 | GEPARD (2.75m) + c-ring roller Ø 540 mm | GEPARD275C | |
| 101 | GEPARD (2.75m) + tandem c-ring roller Ø 540 mm | GEPARD275CT | |
| 102 | GEPARD (3.0m) + tubular roller Ø 530mm | GEPARD30R | |
| 103 | GEPARD (3.0m) + flat roller Ø 530mm | GEPARD30PŁ | |
| 104 | GEPARD (3.0m) + string roller Ø 530mm | GEPARD30ST | |
| 105 | GEPARD (3.0m) + tubular flat roller Ø 530mm | GEPARD30RP | |
| 106 | GEPARD (3.0m) + tubular string roller Ø 530mm | GEPARD30RS | |
| 107 | GEPARD (3.0m) + tubular roller Ø 600mm | GEPARD30R6 | |
| 108 | GEPARD (3.0m) + flat roller Ø 600mm | GEPARD30PŁ6 | |
| 109 | GEPARD (3.0m) + string roller Ø 600mm | GEPARD30ST6 | |
| 110 | GEPARD (3.0m) + tubular flat roller Ø 600mm | GEPARD30RP6 | |
| 111 | GEPARD (3.0m) + tubular string roller Ø 600mm | GEPARD30RS6 | |
| 112 | GEPARD (3.0m) + spring roller Ø 600mm | GEPARD30SP | |
| 113 | GEPARD (3.0m) + packer roller Ø 500mm standard scraper | GEPARD30P | |
| 114 | GEPARD (3.0m) + packer roller Ø 500mm single scraper | GEPARD30P1 | |
| 115 | GEPARD (3.0m) + v-ring roller Ø 600mm | GEPARD30D | |
| 116 | GEPARD (3.0m) + segment roller Ø 500mm standard scraper | GEPARD30S | |
| 117 | GEPARD (3.0m) + segment roller Ø 500mm single scraper | GEPARD30S1 | |
| 118 | GEPARD (3.0m) + spike roller | GEPARD30K | |
| 119 | GEPARD (3.0m) + rubber roller Ø 530mm | GEPARD30G | |
| 120 | GEPARD (3.0m) + tyre roller Ø 670 mm | GEPARD30O | |
| 121 | GEPARD (3.0m) + c-ring roller Ø 540 mm | GEPARD30C | |
| 122 | GEPARD (3.0m) + tandem c-ring roller Ø 540 mm | GEPARD30CT | |
| 123 | GEPARD (3.25m) + tubular roller Ø 530mm | GEPARD325R | |
| 124 | GEPARD (3.25m) + flat roller Ø 530mm | GEPARD325PŁ | |
| 125 | GEPARD (3.25m) + string roller Ø 530mm | GEPARD325ST | |
| 126 | GEPARD (3.25m) + tubular flat roller Ø 530mm | GEPARD325RP | |
| 127 | GEPARD (3.25m) + tubular string roller Ø 530mm | GEPARD325RS | |
| 128 | GEPARD (3.25m) + tubular roller Ø 600mm | GEPARD325R6 | |
| 129 | GEPARD (3.25m) + flat roller Ø 600mm | GEPARD325PŁ6 | |
| 130 | GEPARD (3.25m) + string roller Ø 600mm | GEPARD325ST6 | |
| 131 | GEPARD (3.25m) + tubular flat roller Ø 600mm | GEPARD325RP6 | |
| 132 | GEPARD (3.25m) + tubular string roller Ø 600mm | GEPARD325RS6 | |
| 133 | GEPARD (3.25m) + spring roller Ø 600mm | GEPARD325SP | |
| 134 | GEPARD (3.25m) + packer roller Ø 500mm standard scraper | GEPARD325P | |
| 135 | GEPARD (3.25m) + packer roller Ø 500mm single scraper | GEPARD325P1 | |
| 136 | GEPARD (3.25m) + v-ring roller Ø 600mm | GEPARD325D | |
| 137 | GEPARD (3.25m) + segment roller Ø 500mm standard scraper | GEPARD325S | |
| 138 | GEPARD (3.25m) + segment roller Ø 500mm single scraper | GEPARD325S1 | |
| 139 | GEPARD (3.25m) + spike roller | GEPARD325K | |
| 140 | GEPARD (3.25m) + rubber roller Ø 530mm | GEPARD325G | |
| 141 | GEPARD (3.25m) + c-ring roller Ø 540 mm | GEPARD325C | |
| 142 | GEPARD (3.25m) + tandem c-ring roller Ø 540 mm | GEPARD325CT | |
| 143 | GEPARD (3.5m) + tubular roller Ø 530mm | GEPARD35R | |
| 144 | GEPARD (3.5m) + flat roller Ø 530mm | GEPARD35PŁ | |
| 145 | GEPARD (3.5m) + string roller Ø 530mm | GEPARD35ST | |
| 146 | GEPARD (3.5m) + tubular flat roller Ø 530mm | GEPARD35RP | |
| 147 | GEPARD (3.5m) + tubular string roller Ø 530mm | GEPARD35RS | |
| 148 | GEPARD (3.5m) + tubular roller Ø 600mm | GEPARD35R6 | |
| 149 | GEPARD (3.5m) + flat roller Ø 600mm | GEPARD35PŁ6 | |
| 150 | GEPARD (3.5m) + string roller Ø 600mm | GEPARD35ST6 | |
| 151 | GEPARD (3.5m) + tubular flat roller Ø 600mm | GEPARD35RP6 | |
| 152 | GEPARD (3.5m) + tubular string roller Ø 600mm | GEPARD35RS6 | |
| 153 | GEPARD (3.5m) + spring roller Ø 600mm | GEPARD35SP | |
| 154 | GEPARD (3.5m) + packer roller Ø 500mm standard scraper | GEPARD35P | |
| 155 | GEPARD (3.5m) + packer roller Ø 500mm single scraper | GEPARD35P1 | |
| 156 | GEPARD (3.5m) + v-ring roller Ø 600mm | GEPARD35D | |
| 157 | GEPARD (3.5m) + segment roller Ø 500mm standard scraper | GEPARD35S | |
| 158 | GEPARD (3.5m) + segment roller Ø 500mm single scraper | GEPARD35S1 | |
| 159 | GEPARD (3.5m) + spike roller | GEPARD35K | |
| 160 | GEPARD (3.5m) + rubber roller Ø 530mm | GEPARD35G | |
| 161 | GEPARD (3.5m) + tyre roller Ø 670 mm | GEPARD35O | |
| 162 | GEPARD (3.5m) + c-ring roller Ø 540 mm | GEPARD35C | |
| 163 | GEPARD (3.5m) + tandem c-ring roller Ø 540 mm | GEPARD35CT | |
| 164 | GEPARD (4.0m) + tubular roller Ø 530mm | GEPARD40R | |
| 165 | GEPARD (4.0m) + flat roller Ø 530mm | GEPARD40PŁ | |
| 166 | GEPARD (4.0m) + string roller Ø 530mm | GEPARD40ST | |
| 167 | GEPARD (4.0m) + tubular flat roller Ø 530mm | GEPARD40RP | |
| 168 | GEPARD (4.0m) + tubular string roller Ø 530mm | GEPARD40RS | |
| 169 | GEPARD (4.0m) + tubular roller Ø 600mm | GEPARD40R6 | |
| 170 | GEPARD (4.0m) + flat roller Ø 600mm | GEPARD40PŁ6 | |
| 171 | GEPARD (4.0m) + string roller Ø 600mm | GEPARD40ST6 | |
| 172 | GEPARD (4.0m) + tubular flat roller Ø 600mm | GEPARD40RP6 | |
| 173 | GEPARD (4.0m) + tubular string roller Ø 600mm | GEPARD40RS6 | |
| 174 | GEPARD (4.0m) + spring roller Ø 600mm | GEPARD40SP | |
| 175 | GEPARD (4.0m) + packer roller Ø 500mm standard scraper | GEPARD40P | |
| 176 | GEPARD (4.0m) + packer roller Ø 500mm single scraper | GEPARD40P1 | |
| 177 | GEPARD (4.0m) + v-ring roller Ø 600mm | GEPARD40D | |
| 178 | GEPARD (4.0m) + segment roller Ø 500mm standard scraper | GEPARD40S | |
| 179 | GEPARD (4.0m) + segment roller Ø 500mm single scraper | GEPARD40S1 | |
| 180 | GEPARD (4.0m) + spike roller | GEPARD40K | |
| 181 | GEPARD (4.0m) + rubber roller Ø 530mm | GEPARD40G | |
| 182 | GEPARD (4.0m) + tyre roller Ø 670 mm | GEPARD40O | |
| 183 | GEPARD (4.0m) + c-ring roller Ø 540 mm | GEPARD40C | |
| 184 | GEPARD (4.0m) + tandem c-ring roller Ø 540 mm | GEPARD40CT | |

# NEW!






| | | |
|---|---|---|
| [m] | 2,5 | 3,0 |
| [mm] | 455 / 510 / 560 | |
| X | 20 | 24 |
| [cm] | 75 | |
| [KM/kW] | 85/66 | 100/75 |
| kg + | 1000 | 1150 |

**Standard:**

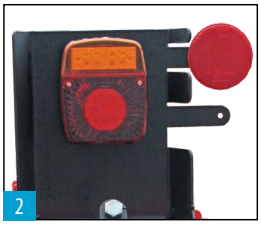
- disc 560x4mm type I
- disc spacing 75cm A
- side screens automatically adjusted B
- transverse division of discs 25cm C
- rubber protection of each disc 35×100 mm,
- maintenance-free bearing with cassette guard,
- mechanical depth adjustment on the roller
- outermost discs lifted mechanically for transport (3.0m version) D
- cat II coupling

| | | | |
|---|---|---|---|
| 1 | LEOPARD PRO (2,5m) + tubular roller 530mm | LEOPARDPRO25R | 6 084 EUR |
| 2 | LEOPARD PRO (2,5m) + flat roller 530mm | LEOPARDPRO25RP | 6 274 EUR |
| 3 | LEOPARD PRO (2,5m) + string roller 530mm | LEOPARDPRO25S | 6 370 EUR |
| 4 | LEOPARD PRO (2,5m) + v-ring roller 600mm | LEOPARDPRO25D | 7 024 EUR |
| 5 | LEOPARD PRO (3,0m) + tubular roller 530mm | LEOPARDPRO30R | 7 155 EUR |
| 6 | LEOPARD PRO (3,0m) + flat roller 530mm | LEOPARDPRO30RP | 7322 EUR |
| 7 | LEOPARD PRO (3,0m) + string roller 530mm | LEOPARDPRO30S | 7489 EUR |
| 8 | LEOPARD PRO (3,0m) + v-ring roller 600mm | LEOPARDPRO30D | 8 096 EUR |





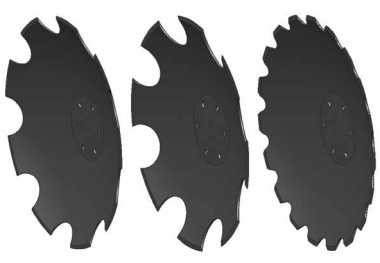


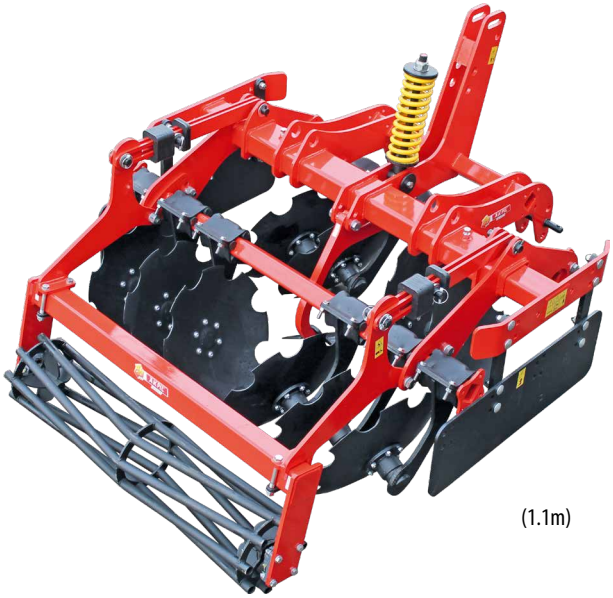

2



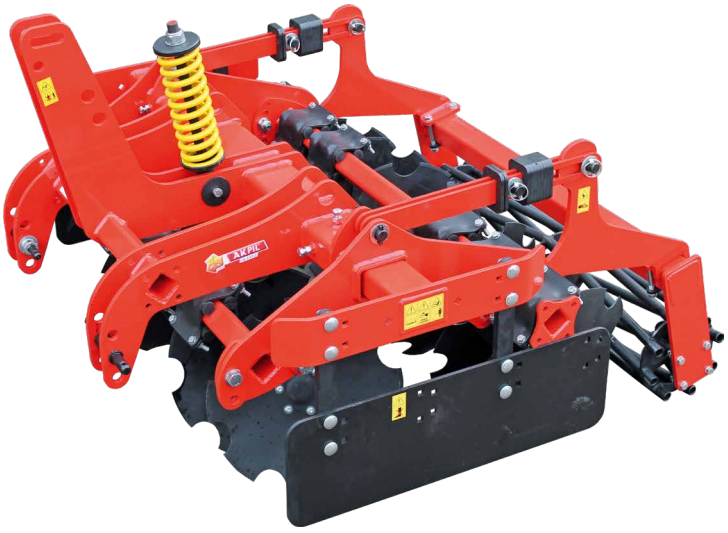

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Counterweights - 1 pc. - 40 kg (does not require the shelf) OB | OB | |
| 2 | LED lighting version (back) OL | OL | |
| 3 | Warning sign (2 pcs.) (back) T2 | T2 | |
| 4 | Discs 455mm × 4mm (price per pc.) type I T45X4I | T45X4I | |
| 5 | Discs 510mm × 4mm (price per pc.) type I T51X4I | T51X4I | |
| 6 | Discs 510mm × 5mm (price per pc.) type I T51X5I | T51X5I | |
| 7 | Discs 560mm × 5mm (price per pc.) type II T56X5I | T56X5I | |
| 8 | Discs 560mm × 5mm (price per pc.) type II T56X5II | T56X5II | |
| 9 | Discs 455mm × 4mm (price per pc.) type III T45X4III | T45X4III | |
| 10 | Discs 510mm × 4mm (price per pc.) type III T51X4III | T51X4III | |
| 11 | Discs 510mm × 5mm (price per pc.) type III T51X5III | T51X5III | |
| 12 | Discs 560mm × 5mm (price per pc.) type III T56X5III | T56X5III | |
| 13 | Aftercrop seeder "POPLON" with a bracket PN | PN | |
| 14 | Upper coupling pin SZ | ZS | |

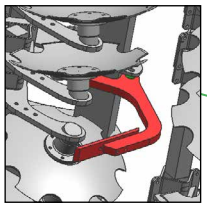

typ I typ II typ III



(1.1m)

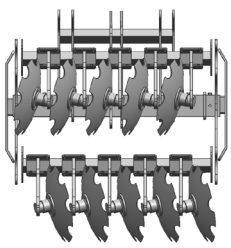


| | | | | | | | |
|---|---|---|---|---|---|---|---|
| [m] | 1.1 | 1.1 | 1.5 | 1.5 | 2.0 | 2.0 | 2.4 |
| [mm] | 455 / 510 / 560 | | | | | | |
| X | 8 | 10 | 12 | 14 | 16 | 18 | 20 |
| [cm] | 75 | | | | | | |
| [KM/kW] | 40 / 29 | 50 / 36 | 60 / 44 | 70 / 51 | 80 / 58 | 90 / 66 | 100 / 73 |
| kg | 750 | 820 | 920 | 970 | 1170 | 1220 | 1300 |

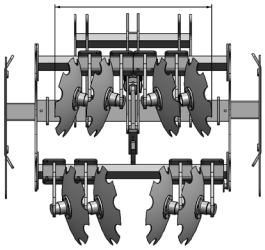




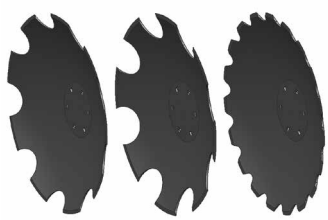

(1.5m)



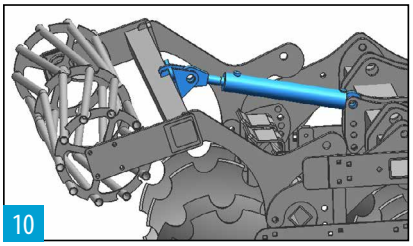
type 'V' A

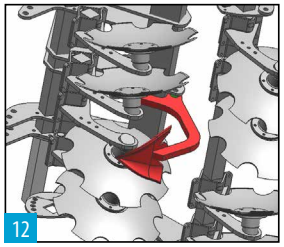


type 'X' B



type I type II type III



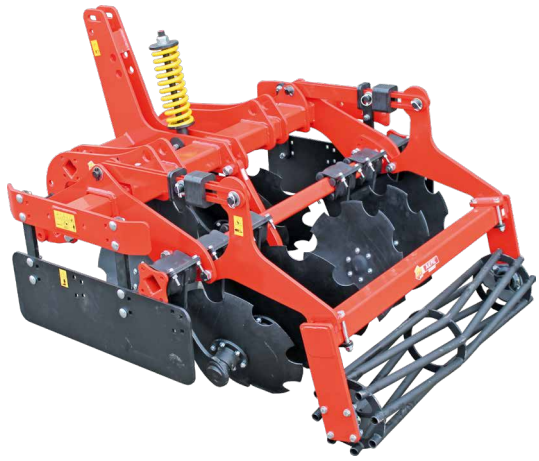

## Standard:

- "V" A or "X" B disc arrangement
- versatile frame – possibility of expanding the machine from (1.1m - 8 discs) to (2.4m - 20 discs),
- notched disc Ø 560x4 mm type II,
- spacing between disc rows 75 cm,
- transverse division of discs 22 cm,
- mechanical adjustment of pitch angle C
- rubber protection of each disc 35×160 mm,
- maintenance-free bearing with cassette guard,
- mechanical depth adjustment on the roller D
- coupling pins CAT. I and II,
- mechanically adjusted side plate deflectors E
- tubular roller Ø 400 mm – 1.4m roller width in all models
- side skids protecting the plants F
- extendible skids on each side up to 30cm G
- central tooth with coulter (for "X" version) H
- mechanical protection of the central tooth (for "X" version).

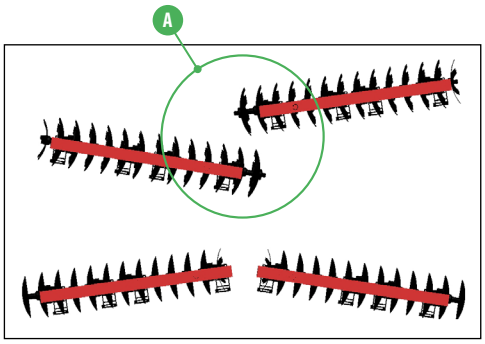
## Optional accessories:

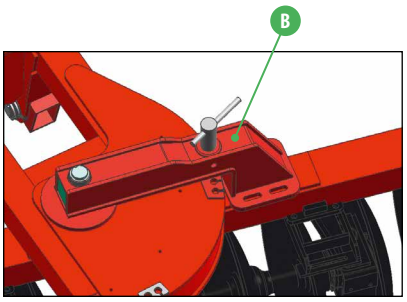
| | | | |
|---|---|---|---|
| 1 | Discs 455mm × 4mm (price per pc.) type I | T45X4I | |
| 2 | Discs 510mm × 4mm (price per pc.) type I | T51X4I | |
| 3 | Discs 510mm × 5mm (price per pc.) type I | T51X5I | |
| 4 | Discs 560mm × 5mm (price per pc.) type I | T56X5I | |
| 5 | Discs 560mm × 5mm (price per pc.) type II | T56X5II | |
| 6 | Discs 455mm × 4mm (price per pc.) type III | T45X4III | |
| 7 | Discs 510mm × 4mm (price per pc.) type III | T51X4III | |
| 8 | Discs 510mm × 5mm (price per pc.) type III | T51X5III | |
| 9 | Discs 560mm × 5mm (price per pc.) type III | T56X5III | |
| 10 | Hydraulics for the roller (with hydraulic lock) (requires 1 pair of hydraulic outputs) | HW | |
| 11 | Central tooth spring (spring protection against stones) | S | |
| 12 | Sweep for the central tooth (paid extra with coulter) | G | |
| 13 | Wheel mark eradicators (2 pcs.) | SS | |
| 14 | LED lighting version (back) | OL | |
| 15 | Warning sign (2 pcs.) (back) | T2 | |
| 16 | Wider tubular roller Ø 400mm | to be agreed | |
| 17 | Upper coupling pin | SZ | |
| double-braided hydraulic hoses 330 bar | | | |
| hydraulic locks for all cylinders | | | |

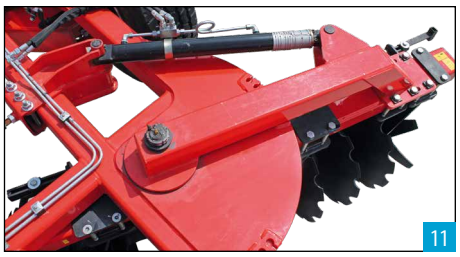


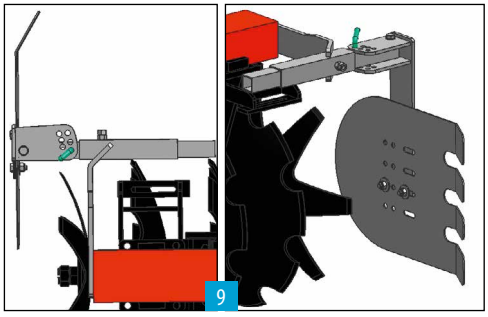


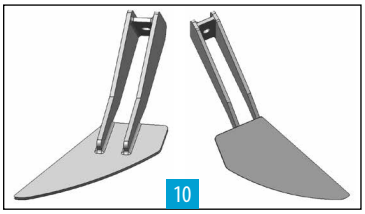
| | | type 'V' | type 'X' | |
|---|---|---|---|---|
| 1 | Disc cultivator (1.1m) - (1.4m overall) 8 discs + tubular roller Ø 400 mm | GEPARDVINV118 | GEPARDVINX118 | |
| 2 | Disc cultivator (1.1m) - (1.8m overall) 10 discs + tubular roller Ø 400 mm | GEPARDVINV1110 | GEPARDVINX1110 | |
| 3 | Disc cultivator (1.5m) - (1.8m overall) 12 discs + tubular roller Ø 400 mm | GEPARDVINV1512 | GEPARDVINX1512 | |
| 4 | Disc cultivator (1.5m) - (2.2m overall) 14 discs + tubular roller Ø 400 mm | GEPARDVINV1514 | GEPARDVINX21514 | |
| 5 | Disc cultivator (2.0m) - (2.2m overall) 16 discs + tubular roller Ø 400 mm | GEPARDVINV2016 | GEPARDVINX2016 | |
| 6 | Disc cultivator (2.0m) - (2.6m overall) 18 discs + tubular roller Ø 400 mm | GEPARDVINV2018 | GEPARDVINX2018 | |
| 7 | Disc cultivator (2.4m) - (2.6m overall) 20 discs + tubular roller Ø 400 mm | GEPARDVINV2420 | GEPARDVINX2420 | |



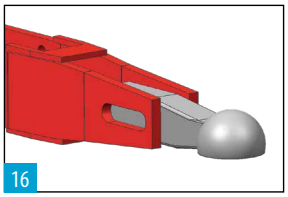



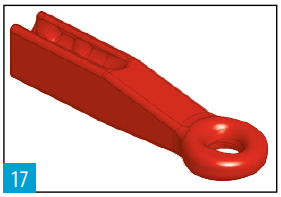



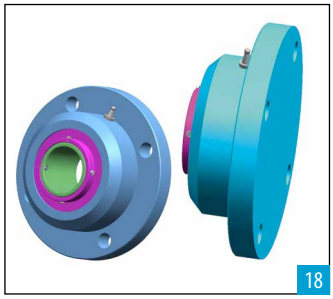







| | MR | | | DR | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| [m] | 2,8 | 3,2 | 3,6 | 3,6 | 4,2 | 4,6 | 5,2 | 5,6 | 6,1 |
| X | 4 | 4 | 4 | 4 | 4 | 4 | 8 | 8 | 8 |
| [KM/kW] | 100/74 | 120/88 | 140/103 | 160/120 | 180/132 | 200/150 | 220/162 | 240/180 | 260/195 |
| [mm] | 660 x 6 / 710 x 8 | | | | | | | | |
| X | 8 | 8 | 8 | 8 | 10 | 10 | 16 | 16 | 16 |
| kg | 3000-5300 | 3300-5600 | 3500-5800 | 3900-6200 | 4200-6600 | 4500-6900 | 5000-7500 | 5300-7800 | 5600-8200 |
| X | 26 | 30 | 34 | 34 | 38 | 42 | 46 | 50 | 54 |

## Standard:

- 4 sections of divided discs – arranged in "X" pattern
- disc shaft axis 40x40mm,
- front disc sections overlap - central tooth is not required A
- disc pitch adjustment - point B
- transverse division of discs 23.5 cm,
- notched front disc section ø 660x6 mm,
- smooth rear disc section ø 660x6 mm,
- outermost discs on front sections (1 pc. + 1 pc.) - STAR C
- outermost discs on rear sections of lower diameter (1 pc. + 1 pc.)
- disc scrapers D
- metal housings for bearings E
- hydraulically lifted transport wheels 11.5/80-15.3 - SMALL FRAME,
- hydraulically lifted transport wheels 14.5/80-18 - LARGE FRAME,
- hydraulically foldable shafts for transport (if present) F
- mechanical roller locking for transport,
- hydraulic accumulators for actuators G
- drawbar height adjustment H
- lashing - level adjustment of the machine I
- lashing spring – vibration damping J
- mechanical working depth memory K
- pneumatic brakes (DR frame only),
- eye coupling ø 40 mm
- double-braided hydraulic hoses 330 bar
- requires 1 pair of hydraulic outputs,
- hydraulic locks for all actuators (standard and optional).

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Rear notched discs (pcs.) 2.8m - 12 pcs.; 3.2m - 14 pcs.; 3.6m - 16 pcs.; 3.6m -16 pcs.; 4.2m - 18 pcs.; 4.6m - 20 pcs.; 5.2m - 22 pcs.; 5.6m - 24 pcs.; 6.1m - 26 pcs. | TTU | |
| 2 | Disc 710mm × 8mm (pcs.) | T71X8 | |
| 3 | Skids with frame for spring roller (price per 1 m) | PSP | |
| 4 | Skid plate for spring roller (price per pc.) 2.8m - 14 pcs.; 3.2m - 15 pcs.; 3.6m - 18 pcs.; 4.2m-20 pcs.; 4.6m - 22 pcs.; 5.2m - 26 pcs.; 5.6m - 28 pcs.; 6.1m 30 pcs.; | NP | |
| 5 | Skids with frame for v-ring roller (price per 1 m) | PD | |
| 6 | Scraper plate for segment roller (price per pc.) 2.8m - 22 pcs.; 3.2m - 24 pcs.; 3.6m - 27 pcs.; 4.2m - 32 pcs 4.6m - 36 pcs.; 5.2m - 40 pcs.; 5.6m - 44 pcs.; 6.1m - 48 pcs. | NS | |
| 7 | Skids for segment roller (price per 1 m) | PS | |
| 8 | Side plate deflectors adjustable mechanically (2 pcs.) | D | |
| 9 | Long side plate deflectors with additional extension adjustment (2 pcs) | | |
| 10 | Reinforced scrapers (price per pc.) 2.8m - 26 pcs.; 3.2m - 30 pcs.; 3.6m - 34 pcs.; 4.2m - 38 pcs.; 4.6m - 42 pcs.; 5.2m - 46 pcs.; 5,6m - 50 pcs.; 6.1m - 54 pcs. | SW | |
| 11 | Hydraulic adjustment of the working angle (smooth adjustment with mechanical memory of the working depth) + folding of disc rollers for transport (additionally requires 1 pair of hydraulic outputs) | HWT | |
| 12 | Hydraulic brakes (note in order) (only DR frame) | HH | |
| 13 | Coupling bar | BZ | |
| 14 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 15 | Wedges with brackets under the wheels | K | |
| 16 | K80 ball coupling (80mm) (for Hitch coupling) | ZK | |
| 17 | Eye coupling (for Hitch coupling) ø50 or ø55 | Z50 / Z55 | |
| 18 | Barrel bearing in a dust protection housing for rollers | LB | |
| 19 | Lighting front and rear | OL | |

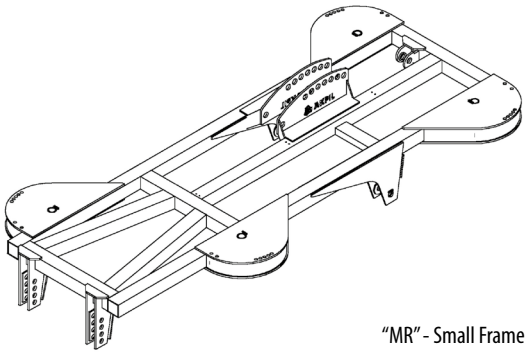
**Photos of rollers and options – pages 76, 77**



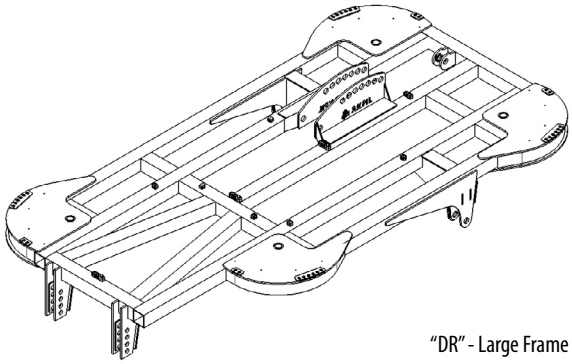
(3.2m) "MR"



(6.1m) "DR"



"MR" - Small Frame



"DR" - Large Frame

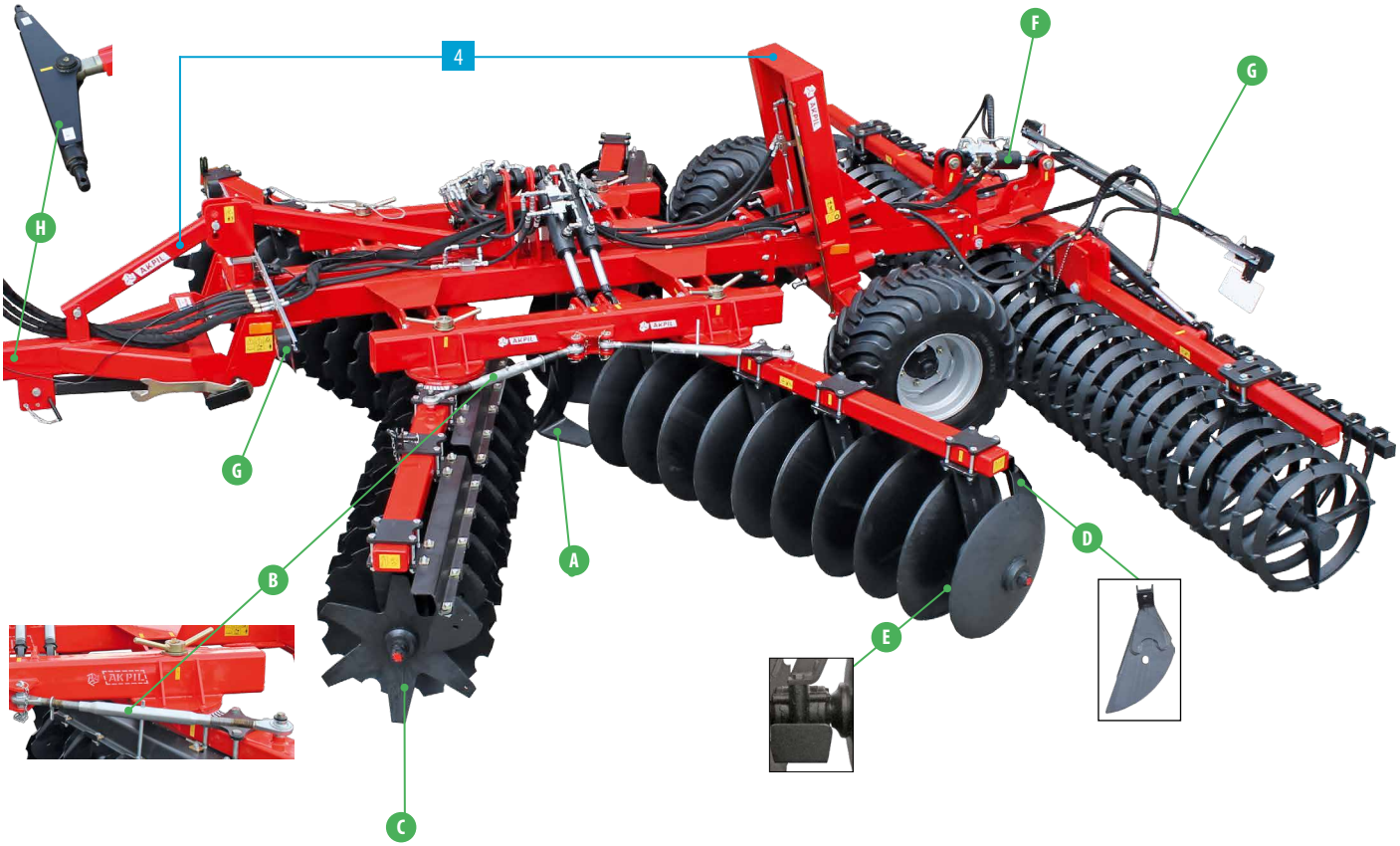



(4.2m) DR

| | | | |
|---|---|---|---|
| 1 | (2.8m) 26 "MR" discs | EU28MR | |
| 2 | (2.8m) 26 "MR" discs + tubular roller ø 600mm | EU28MRR6 | |
| 3 | (2.8m) 26 "MR" discs + flat roller ø 600mm | EU28MRPŁ6 | |
| 4 | (2.8m) 26 "MR" discs + string roller ø 600mm | EU28MRST6 | |
| 5 | (2.8m) 26 "MR" discs + tubular flat roller ø 600mm | EU28MRRP6 | |
| 6 | (2.8m) 26 "MR" discs + tubular string roller ø 600mm | EU28MRRS6 | |
| 7 | (2.8m) 26 "MR" discs + spring roller ø 600mm | EU28MRSP | |
| 8 | (2.8m) 26 "MR" discs + packer roller ø 500mm | EU28MRP | |
| 9 | (2.8m) 26 "MR" discs + v-ring roller ø 600mm | EU28MRD | |
| 10 | (2.8m) 26 "MR" discs + segment roller ø 500mm | EU28MRS | |
| 11 | (2.8m) 26 "MR" discs + spike roller ø 500mm | EU28MRK | |
| 12 | (2.8m) 26 "MR" discs + rubber roller ø 530mm | EU28MRG | |
| 13 | (3.2m) 30 "MR" discs | EU32MR | |
| 14 | (3.2m) 30 "MR" discs + tubular roller ø 600mm | EU32MRR6 | |
| 15 | (3.2m) 30 "MR" discs + flat roller ø 600mm | EU32MRPŁ6 | |
| 16 | (3.2m) 30 "MR" discs + string roller ø 600mm | EU32MRST6 | |
| 17 | (3.2m) 30 "MR" discs + tubular flat roller ø 600mm | EU32MRRP6 | |
| 18 | (3.2m) 30 "MR" discs + tubular string roller ø 600mm | EU32MRRS6 | |
| 19 | (3.2m) 30 "MR" discs + spring roller ø 600mm | EU32MRSP | |
| 20 | (3.2m) 30 "MR" discs + packer roller ø 500mm | EU32MRP | |
| 21 | (3.2m) 30 "MR" discs + v-ring roller ø 600mm | EU32MRD | |
| 22 | (3.2m) 30 "MR" discs + segment roller ø 500mm | EU32MRS | |
| 23 | (3.2m) 30 "MR" discs + spike roller ø 500mm | EU32MRK | |
| 24 | (3.2m) 30 "MR" discs + rubber roller ø 530mm | EU32MRG | |
| 25 | (3.6m) 34 "MR" discs | EU28MR | |
| 26 | (3.6m) 34 "MR" discs + tubular roller ø 600mm | EU36MRR6 | |
| 27 | (3.6m) 34 "MR" discs + flat roller ø 600mm | EU36MRPŁ6 | |
| 28 | (3.6m) 34 "MR" discs + string roller ø 600mm | EU36MRST6 | |
| 29 | (3.6m) 34 "MR" discs + tubular flat roller ø 600mm | EU36MRRP6 | |
| 30 | (3.6m) 34 "MR" discs + tubular string roller ø 600mm | EU36MRRS6 | |
| 31 | (3.6m) 34 "MR" discs + spring roller ø 600mm | EU36MRSP | |
| 32 | (3.6m) 34 "MR" discs + packer roller ø 500mm | EU36MRP | |
| 33 | (3.6m) 34 "MR" discs + v-ring roller ø 600mm | EU36MRD | |
| 34 | (3.6m) 34 "MR" discs + segment roller ø 500mm | EU36MRS | |
| 35 | (3.6m) 34 "MR" discs + spike roller ø 500mm | EU36MRK | |
| 36 | (3.6m) 30 "MR" discs + rubber roller ø 530mm | EU36MRG | |
| 37 | (3.6m) 34 "DR" discs | EU36DR | |
| 38 | (3.6m) 34 "DR" discs + tubular roller ø 600mm | EU36DRR6 | |
| 39 | (3.6m) 34 "DR" discs + flat roller ø 600mm | EU36DRPŁ6 | |
| 40 | (3.6m) 34 "DR" discs + string roller ø 600mm | EU36DRST6 | |
| 41 | (3.6m) 34 "DR" discs + tubular flat roller ø 600mm | EU36DRRP6 | |
| 42 | (3.6m) 34 "DR" discs + tubular string roller ø 600mm | EU36DRRS6 | |
| 43 | (3.6m) 34 "DR" discs + spring roller ø 600mm | EU36DRSP | |
| 44 | (3.6m) 34 "DR" discs + packer roller ø 500mm | EU36DRP | |
| 45 | (3.6m) 34 "DR" discs + v-ring roller ø 600mm | EU36DRD | |
| 46 | (3.6m) 34 "DR" discs + segment roller ø 500mm | EU36DRS | |
| 47 | (3.6m) 34 "DR" discs + spike roller ø 500mm | EU36DRK | |
| 48 | (3.6m) 34 "DR" discs + rubber roller ø 530mm | EU36DRG | |
| 49 | (4.2m) 38 "DR" discs | EU42DR | |
| 50 | (4.2m) 38 "DR" discs + tubular roller ø 600mm | EU42DRR6 | |
| 51 | (4.2m) 38 "DR" discs + flat roller ø 600mm | EU42DRPŁ6 | |
| 52 | (4.2m) 38 "DR" discs + string roller ø 600mm | EU42DRST6 | |
| 53 | (4.2m) 38 "DR" discs + tubular flat roller ø 600mm | EU42DRRP6 | |
| 54 | (4.2m) 38 "DR" discs + tubular string roller ø 600mm | EU42DRRS6 | |
| 55 | (4.2m) 38 "DR" discs + spring roller ø 600mm | EU42DRSP | |
| 56 | (4.2m) 38 "DR" discs + packer roller ø 500mm | EU42DRP | |
| 57 | (4.2m) 38 "DR" discs + v-ring roller ø 600mm | EU42DRD | |
| 58 | (4.2m) 38 "DR" discs + segment roller ø 500mm | EU42DRS | |
| 59 | (4.2m) 38 "DR" discs + spike roller ø 500mm | EU42DRK | |
| 60 | (4.2m) 38 "DR" discs + rubber roller ø 530mm | EU42DRG | |
| 61 | (4.6m) 42 "DR" discs | EU46DR | |
| 62 | (4.6m) 42 "DR" discs + tubular roller ø 600mm | EU46DRR6 | |
| 63 | (4.6m) 42 "DR" discs + flat roller ø 600mm | EU46DRPŁ6 | |
| 64 | (4.6m) 42 "DR" discs + string roller ø 600mm | EU46DRST6 | |
| 65 | (4.6m) 42 "DR" discs + tubular flat roller ø 600mm | EU46DRRP6 | |
| 66 | (4.6m) 42 "DR" discs + tubular string roller ø 600mm | EU46DRRS6 | |
| 67 | (4.6m) 42 "DR" discs + spring roller ø 600mm | EU46DRSP | |
| 68 | (4.6m) 42 "DR" discs + packer roller ø 500mm | EU46DRP | |
| 69 | (4.6m) 42 "DR" discs + v-ring roller ø 600mm | EU46DRD | |
| 70 | (4.6m) 42 "DR" discs + segment roller ø 500mm | EU46DRS | |
| 71 | (4.6m) 42 "DR" discs + spike roller ø 500mm | EU46DRK | |
| 72 | (4.6m) 42 "DR" discs + rubber roller ø 530mm | EU46DRG | |
| 73 | (5.2m) 46 "DR" discs | EU52DR | |
| 74 | (5.2m) 46 "DR" discs + tubular roller ø 600mm | EU52DRR6 | |
| 75 | (5.2m) 46 "DR" discs + flat roller ø 600mm | EU52DRPŁ6 | |
| 76 | (5.2m) 46 "DR" discs + string roller ø 600mm | EU52DRST6 | |
| 77 | (5.2m) 46 "DR" discs + tubular flat roller ø 600mm | EU52DRRP6 | |
| 78 | (5.2m) 46 "DR" discs + tubular string roller ø 600mm | EU52DRRS6 | |
| 79 | (5.2m) 46 "DR" discs + spring roller ø 600mm | EU52DRSP | |
| 80 | (5.2m) 46 "DR" discs + packer roller ø 500mm | EU52DRP | |
| 81 | (5.2m) 46 "DR" discs + v-ring roller ø 600mm | EU52DRD | |
| 82 | (5.2m) 46 "DR" discs + segment roller ø 500mm | EU52DRS | |
| 83 | (5.2m) 46 "DR" discs + spike roller ø 500mm | EU52DRK | |
| 84 | (5.2m) 46 "DR" discs + rubber roller ø 530mm | EU52DRG | |
| 85 | (5.6m) 50 "DR" discs | EU56DR | |
| 86 | (5.6m) 50 "DR" discs + tubular roller ø 600mm | EU56DRR6 | |
| 87 | (5.6m) 50 "DR" discs + flat roller ø 600mm | EU56DRPŁ6 | |
| 88 | (5.6m) 50 "DR" discs + string roller ø 600mm | EU56DRST6 | |
| 89 | (5.6m) 50 "DR" discs + tubular flat roller ø 600mm | EU56DRRP6 | |
| 90 | (5.6m) 50 "DR" discs + tubular string roller ø 600mm | EU56DRRS6 | |
| 91 | (5.6m) 50 "DR" discs + spring roller ø 600mm | EU56DRSP | |
| 92 | (5.6m) 50 "DR" discs + packer roller ø 500mm | EU56DRP | |
| 93 | (5.6m) 50 "DR" discs + v-ring roller ø 600mm | EU56DRD | |
| 94 | (5.6m) 50 "DR" discs + segment roller ø 500mm | EU56DRS | |
| 95 | (5.6m) 50 "DR" discs + spike roller ø 500mm | EU56DRK | |
| 96 | (5.6m) 50 "DR" discs + rubber roller ø 530mm | EU56DRG | |
| 97 | (6.1m) 54 "DR" discs | EU61DR | |
| 98 | (6.1m) 54 "DR" discs + tubular roller ø 600mm | EU61DRR6 | |
| 99 | (6.1m) 54 "DR" discs + flat roller ø 600mm | EU61DRPŁ6 | |
| 100 | (6.1m) 54 "DR" discs + string roller ø 600mm | EU61DRST6 | |
| 101 | (6.1m) 54 "DR" discs + tubular flat roller ø 600mm | EU61DRRP6 | |
| 102 | (6.1m) 54 "DR" discs + tubular string roller ø 600mm | EU61DRRS6 | |
| 103 | (6.1m) 54 "DR" discs + spring roller ø 600mm | EU61DRSP | |
| 104 | (6.1m) 54 "DR" discs + packer roller ø 500mm | EU61DRP | |
| 105 | (6.1m) 54 "DR" discs + v-ring roller ø 600mm | EU61DRD | |
| 106 | (6.1m) 54 "DR" discs + segment roller ø 500mm | EU61DRS | |
| 107 | (6.1m) 54 "DR" discs + spike roller ø 500mm | EU61DRK | |
| 108 | (6.1m) 54 "DR" discs + rubber roller ø 530mm | EU61DRG | |


EURODISC

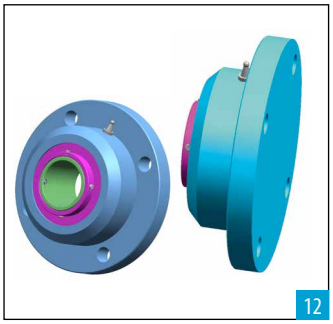

EURODISC




| | | | | | | |
|---|---|---|---|---|---|---|
| [m] | 3.5 | 4 | 4.5 | 3.5 | 4 | 4.5 |
| X | 4 | 8 | 8 | 4 | 8 | 8 |
| [KM/kW] | 110/82 | 130/95 | 150/110 | 110/82 | 130/95 | 150/110 |
| [mm] | 560 x 5 / 610 x 5 / 660 x 6 | | | | | |
| X | 12 | 16 | 16 | 12 | 16 | 16 |
| kg | 2800 | 3000 | 3200 | 3500 | 3700 | 3900 |
| X | 32 | 36 | 40 | 32 | 36 | 40 |














## Standard:

- 4 sections of divided discs – arranged in "X" pattern
- disc shaft axis 35x35mm,
- central tooth with mechanical position adjustment A
- disc pitch adjustment - smooth B
- indicators of disc roller adjustment angles,
- transverse division of discs 22.5 cm,
- notched front disc section ø 610 x 5mm,
- smooth rear disc section ø 610 x 5mm,
- outermost discs on front sections (1 pc. + 1 pc.) - STAR C
- outermost discs on rear sections of lower diameter (1 pc. + 1 pc.)
- disc scrapers D
- metal housings for bearings E
- hydraulic depth adjustment on the roller F
- indicator of working depth,
- hydraulic folding for transport,
- hydraulic and mechanical locking for transport,
- lights back and front G
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all cylinders.

**Extra in TRAILED VERSION:**

- hydraulically lifted transport wheels - 400x60 -15.5 – tyre width 41cm
- LED lights back and front
- coupling bar CAT. II and III H
- 2 pairs of hydraulic outputs (suspended version),
- 3 pairs of hydraulic outputs (trailed version).

## Optional accessories:

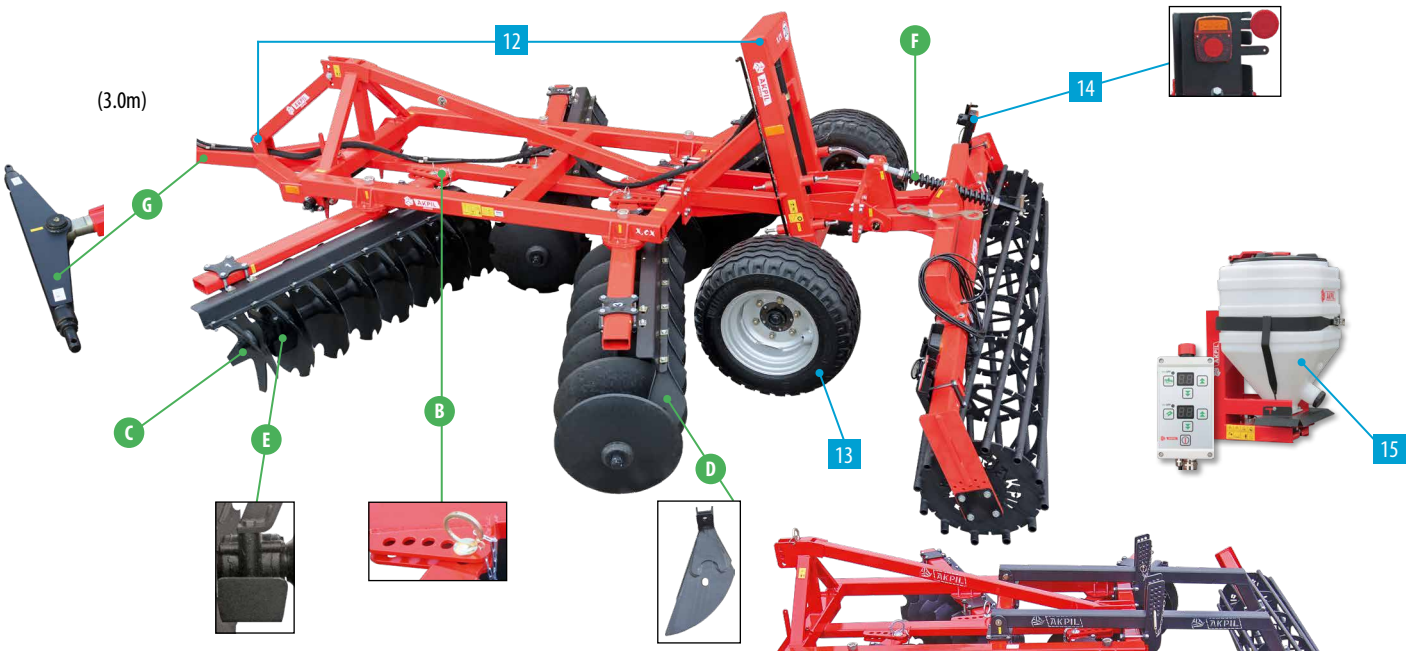
| | | | |
|---|---|---|---|
| 1 | Discs 610mm × 6mm (pcs.) 3.5m - 32 pcs.; 4.0m - 36 pcs.; 4.5m - 40 pcs. | T61x6 | |
| 2 | Discs 660mm × 6mm (pcs.) 3.5m - 32 pcs.; 4.0m - 36 pcs.; 4.5m - 40 pcs. | T66x6 | |
| 3 | Rear notched discs (pcs.) 3.5m - 32 pcs.; 4.0m - 36 pcs.; 4.5m - 40 pcs. | TU | |
| 4 | Chassis with drawbar (additionally requires 1 pair of hydraulic outputs) | PD | |
| 5 | Central discs (instead of central tooth) | TS | |
| 6 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 7 | Skids with frame for spring roller (price per 1 m) | PS | |
| 8 | Skid plate for spring roller (price per pc.)<br>2.8m - 14 pcs.; 3.2m - 15 pcs.; 3.6m - 18 pcs.; 4.2m-20pcs; 4.6m - 22 pcs.; 5.2m - 26 pcs.; 5.6m - 28 pcs.; 6.1m 30 pcs.; | NP | |
| 9 | Skids with frame for v-ring roller (price per 1 m) | PS | |
| 10 | Scraper plate for segment roller (price per pc.)<br>2.8m - 22 pcs.; 3.2m - 24 pcs.; 3.6m - 27 pcs.; 4.2m - 32 pcs 4.6m - 36 pcs.; 5.2m - 40 pcs.; 5.6m - 44 pcs.; 6.1m - 48 pcs. | SWS | |
| 11 | Skids for segment roller (price per 1 m) | SG | |
| 12 | Barrel bearing in a dust protection housing for rollers | LB | |
| 13 | Upper coupling pin | SZ | |

**Photos of rollers and options – pages 76, 77**

## SUSPENDED VERSION

| | | | |
|---|---|---|---|
| 1 | ANGEL (3.5m) + tubular roller Ø 530mm | ANZ3561R | |
| 2 | ANGEL (3.5m) + flat roller Ø 530mm | ANZ3561PŁ | |
| 3 | ANGEL (3.5m) + string roller Ø 530mm | ANZ3561ST | |
| 4 | ANGEL (3.5m) + tubular flat roller Ø 530mm | ANZ3561RP | |
| 5 | ANGEL (3.5m) + tubular string roller Ø 530mm | ANZ3561RS | |
| 6 | ANGEL (3.5m) + tubular roller Ø 600mm | ANZ3561R6 | |
| 7 | ANGEL (3.5m) + flat roller Ø 600mm | ANZ3561PŁ6 | |
| 8 | ANGEL (3.5m) + string roller Ø 600mm | ANZ3561ST6 | |
| 9 | ANGEL (3.5m) + tubular flat roller Ø 600mm | ANZ3561RP6 | |
| 10 | ANGEL (3.5m) + tubular string roller Ø 600mm | ANZ3561RS6 | |
| 11 | ANGEL (3.5m) + spring roller Ø 600mm | ANZ3561SP | |
| 12 | ANGEL (3.5m) + packer roller Ø 500mm | ANZ3561P | |
| 13 | ANGEL (3.5m) + v-ring roller Ø 600mm | ANZ3561D | |
| 14 | ANGEL (3.5m) + segment roller Ø 500mm | ANZ3561S | |
| 15 | ANGEL (3.5m) + spike roller | ANZ3561K | |
| 16 | ANGEL (4.0m) + tubular roller Ø 530mm | ANZ4061R | |
| 17 | ANGEL (4.0m) + flat roller Ø 530mm | ANZ4061PŁ | |
| 18 | ANGEL (4.0m) + string roller Ø 530mm | ANZ4061ST | |
| 19 | ANGEL (4.0m) + tubular flat roller Ø 530mm | ANZ4061RP | |
| 20 | ANGEL (4.0m) + tubular string roller Ø 530mm | ANZ4061RS | |
| 21 | ANGEL (4.0m) + tubular roller Ø 600mm | ANZ4061R6 | |
| 22 | ANGEL (4.0m) + flat roller Ø 600mm | ANZ4061PŁ6 | |
| 23 | ANGEL (4.0m) + string roller Ø 600mm | ANZ4061ST6 | |
| 24 | ANGEL (4.0m) + tubular flat roller Ø 600mm | ANZ4061RP6 | |

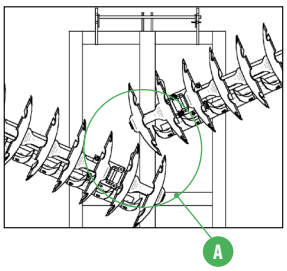
| | | | |
|---|---|---|---|
| 25 | ANGEL (4.0m) + tubular string roller Ø 600mm | ANZ4061RS6 | |
| 26 | ANGEL (4.0m) + spring roller Ø 600mm | ANZ4061SP | |
| 27 | ANGEL (4.0m) + packer roller Ø 500mm | ANZ4061P | |
| 28 | ANGEL (4.0m) + v-ring roller Ø 600mm | ANZ4061D | |
| 29 | ANGEL (4.0m) + segment roller Ø 500mm | ANZ4061S | |
| 30 | ANGEL (4.0m) + spike roller | ANZ4061K | |
| 31 | ANGEL (4.5m) + tubular roller Ø 530mm | ANZ4561R | |
| 32 | ANGEL (4.5m) + flat roller Ø 530mm | ANZ4561PŁ | |
| 33 | ANGEL (4.5m) + string roller Ø 530mm | ANZ4561ST | |
| 34 | ANGEL (4.5m) + tubular flat roller Ø 530mm | ANZ4561RP | |
| 35 | ANGEL (4.5m) + tubular string roller Ø 530mm | ANZ4561RS | |
| 36 | ANGEL (4.5m) + tubular roller Ø 600mm | ANZ4561R6 | |
| 37 | ANGEL (4.5m) + flat roller Ø 600mm | ANZ4561PŁ6 | |
| 38 | ANGEL (4.5m) + string roller Ø 600mm | ANZ4561ST6 | |
| 39 | ANGEL (4.5m) + tubular flat roller Ø 600mm | ANZ4561RP6 | |
| 40 | ANGEL (4.5m) + tubular string roller Ø 600mm | ANZ4561RS6 | |
| 41 | ANGEL (4.5m) + spring roller Ø 600mm | ANZ4561SP | |
| 42 | ANGEL (4.5m) + packer roller Ø 500mm | ANZ4561P | |
| 43 | ANGEL (4.5m) + v-ring roller Ø 600mm | ANZ4561D | |
| 44 | ANGEL (4.5m) + segment roller Ø 500mm | ANZ4561S | |
| 45 | ANGEL (4.5m) + spike roller | ANZ4561K | |







| | X | | | CX | | |
|---|---|---|---|---|---|---|
| [m] | 2.7 | 3.0 | 3.4 | 2.7 | 3 | 3.4 |
| [KM/kW] | 70/51 | 80/59 | 90/66 | 70/51 | 80/59 | 90/66 |
| [mm] | 510 x 4 / 560 x 5 / 610 x 5 | | | | | |
| X | 8 | | | | | |
| kg | 1110 | 1310 | 1420 | 1510 | 1710 | 1910 |
| kg + | 1460 | 1660 | 1770 | 1860 | 2060 | 2260 |
| X | 26 | 30 | 34 | 26 | 30 | 34 |




## Standard:

- 4 sections of discs – arranged in "X" pattern
- disc shaft axis 30x30 or 35x35 mm
- front disc sections overlap - central tooth is not required A
- disc pitch adjustment - point B
- transverse division of discs 23 cm (30x30 mm section axis),
- transverse division of discs 22.5 cm (35x35 mm section axis),
- notched front disc section,
- smooth rear disc section,
- outermost discs on rear and front sections of lower diameter (30x30mm axis)
- outermost discs on front sections – STAR (35x35mm axis) C
- outermost discs on rear sections of lower diameter (35x35mm axis)
- disc scrapers D
- metal housings for bearings (only on 35x35mm axis) E
- coupling bar CAT. III,
- supporting profile key,

**Extra in TRAILED VERSION "CX":**

- hydraulically lifted transport wheels – 10/75-15.3 – tyre width 27.5cm
- mechanical depth adjustment on the roller F
- indicator of working depth,
- coupling bar CAT. II and III G
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional),
- requires 1 pair of hydraulic outputs

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Rear notched discs (pcs.)<br>2.7m - 12 pcs.; 3.0m - 14 pcs.; 3.4m - 16 pcs. | TU | |
| 2 | Tubular roller ø 530mm for harrows: (2.7m), (3.0m) | WR | |
| 3 | Tubular roller ø 530mm for harrows: (3.4m) | WR34 | |
| 4 | Flat roller ø 530mm for harrows: (2.7m), (3.0m) | WPŁ | |
| 5 | Flat roller ø 530mm for harrows: (3.4m) | WPŁ34 | |
| 6 | String roller ø 530mm for harrows: (2.7m), (3.0m) | WST | |
| 7 | String roller ø 530mm for harrows: (3.4m) | WST34 | |
| 8 | Tubular flat roller ø 530mm for harrows: (2.7m), (3.0m) | WRP | |
| 9 | Tubular flat roller ø 530mm for harrows: (3.4m) | WRP34 | |
| 10 | Tubular string roller ø 530mm for harrows: (2.7m), (3.0m) | WST | |
| 11 | Tubular string roller ø 530mm for harrows: (3.4m) | WST34 | |
| 12 | Chassis with drawbar (additionally requires 1 pair of hydraulic outputs) | C | |
| 13 | Wheel 340/55-16 – tyre width 34.5cm | K340 | |
| 14 | LED lighting (back) | OL | |
| 15 | Aftercrop seeder "POPLON" with a bracket | OLC | |
| 16 | Hydraulic depth adjustment on the roller, | HW | |
| 17 | Upper coupling pin | SZ | |
| **Photos of rollers and options – pages 76, 77** | | | |

### SUSPENDED VERSION

| | | | |
|---|---|---|---|
| 1 | "X" (2.7m) discs ø 510x4mm (30x30mm section axis) | X2751X30 | |
| 2 | "X" (2.7m) discs ø 560x4mm (30x30mm section axis) | X2756X30 | |
| 3 | "X" (2.7m) discs ø 560x5mm (35x35mm section axis) | X2756X35 | |
| 4 | "X" (2.7m) discs ø 610x5mm (35x35mm section axis) | X2761X35 | |
| 5 | "X" (3.0m) discs ø 510x4mm (30x30mm section axis) | X3051X30 | |
| 6 | "X" (3.0m) discs ø 560x4mm (30x30mm section axis) | X3056X30 | |
| 7 | "X" (3.0m) discs ø 560x5mm (35x35mm section axis) | X3056X35 | |
| 8 | "X" (3.0m) discs ø 610x5mm (35x35mm section axis) | X3061X35 | |
| 9 | "X" (3.4m) discs ø 510x4mm (30x30mm section axis) | X3451X30 | |
| 10 | "X" (3.4m) discs ø 560x4mm (30x30mm section axis) | X3456X30 | |
| 11 | "X" (3.4m) discs ø 560x5mm (35x35mm section axis) | X3456X35 | |
| 12 | "X" (3.4m) discs ø 610x5mm (35x35mm section axis) | X3461X35 | |




| [m] | 2.2 | 2.5 | 2.7 | 3.0 | 3.2 | 3.4 | 3.6 |
|---|---|---|---|---|---|---|---|
| [KM/kW] | 75/55 | 90/66 | 105/77 | 120/88 | 135/100 | 145/107 | 155/114 |
| [mm] | 560 x 5 / 610 x 5 / 660 x 6 | | | | | | |
| kg | 1900 | 2000 | 2100 | 2250 | 2400 | 2500 | 2600 |
| kg | 2750 | 2850 | 2950 | 3100 | 3200 | 3300 | 3400 |
| X | 20 | 22 | 24 | 26 | 28 | 30 | 32 |



**Standard:**

- 2 sections of divided discs – arranged in "V" pattern
- shaft axis 35x35 or 40x40 mm,
- disc pitch adjustment - point,
- transverse division of discs 22.5 cm (35x35 mm section axis),
- transverse division of discs 23.5 cm (40x40 mm section axis),
- notched front disc section ø 610mm x 5mm,
- smooth rear disc section ø 610mm x 5mm,
- metal housings for bearings A
- horizontal drawbar adjustment,
- hydraulically lifted transport wheels – 10/70- 15.3 – tyre width 27.5 cm B
- lashing – harrow level adjustment C
- eyelet hitch
- double-braided hydraulic hoses 330 bar,
- requires 1 pair of hydraulic outputs

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Rear notched discs (pcs.) 2.2m - 10 pcs.; 2.5m - 11 pcs.; 2.7m - 12 pcs.; 3.0m - 13 pcs.; 3.2m - 14 pcs.; 3.4m - 15 pcs.; 3.6m - 16 pcs. | TU | |
| 2 | Disc 710mm × 8mm (40x40mm section axis) (pcs.) | T710 | |
| 3 | Tubular roller Ø 600mm 2.2m - 3.0m - hydraulic | R6KA | |
| 4 | Tubular roller Ø 600mm 3.2m - 3.6m - hydraulic | W62KA2 | |
| 5 | Flat string / tubular string roller Ø 600mm 2.2m - 3.0m - hydraulic | WRPV-KA/WRSV-KA | |
| 6 | Flat string / tubular string roller Ø 600mm 3.2m - 3.6m - hydraulic | WRPV-KA/WRSV-KA2 | |
| 7 | Flat / string roller Ø 600mm 2.2m - 3.0m - hydraulic | WROV-KA | |
| 8 | Flat / string roller Ø 600mm 3.2m - 3.6m - hydraulic | WROV-KA2 | |
| 9 | Spring roller Ø 600mm 2.2m - 3.0m - hydraulic | WSPV-KA | |
| 10 | Spring roller Ø 600mm 3.2m - 3.6m - hydraulic | WSPV-KA2 | |
| 11 | Packer roller Ø 500 2.2m - 3.0m - hydraulic | WPV-KA | |
| 12 | Packer roller Ø 500 3.2m - 3.6m - hydraulic | WPV-KA2 | |
| 13 | V-ring roller Ø 600 2.2m - 3.0m - hydraulic | WDV-KA | |
| 14 | V-ring roller Ø 600 3.2m - 3.6m - hydraulic | WDV-KA2 | |
| 15 | Segment roller Ø 500 2.2m - 3.0m - hydraulic | WSV-KA | |
| 16 | Segment roller Ø 500 3.2m - 3.6m - hydraulic | WSV-KA2 | |
| 17 | Spike roller Ø 500 2.2m - 3.0m - hydraulic | WKV-KA | |
| 18 | Spike roller Ø 500 3.2m - 3.6m - hydraulic | WKV-KA2 | |
| 19 | Rubber roller Ø 530 2.2m - 3.0m - hydraulic | WGV-KA | |
| 20 | Rubber roller Ø 530 3.2m - 3.6m - hydraulic | WGV-KA2 | |
| 21 | LED lights back– version with roller | OL | |
| 22 | coupling bar CAT II i III | BZ | |
| 23 | Aftercrop seeder "POPLON" with a bracket | POPLON | |

**Photos of rollers and options – pages 76, 77**

| | | | |
|---|---|---|---|
| 1 | Disc harrow (2.2m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-22x61 | |
| 2 | Disc harrow (2.5m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-25x61 | |
| 3 | Disc harrow (2.7m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-27x61 | |
| 4 | Disc harrow (3.0m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-30x61 | |
| 5 | Disc harrow (3.2m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-32x61 | |
| 6 | Disc harrow (3.4m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-34x61 | |
| 7 | Disc harrow (3.6m) discs ø 610mm x 5 (35x35mm section axis) | V-KA-36x61 | |

| | | | |
|---|---|---|---|
| 8 | Disc harrow (2.2m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-22x66 | |
| 9 | Disc harrow (2.5m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-25x66 | |
| 10 | Disc harrow (2.7m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-27x66 | |
| 11 | Disc harrow (3.0m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-30x66 | |
| 12 | Disc harrow (3.2m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-32x66 | |
| 13 | Disc harrow (3.4m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-34x66 | |
| 14 | Disc harrow (3.6m) discs ø 660mm x 6 (40x40mm section axis) | V-KA-36x66 | |

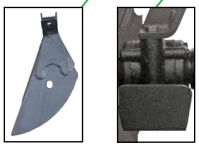
# V-4 STRONG

## V TYPE DISC HARROW

| | | |
|---|---|---|
| [m] | 3.15 | 3.40 |
| [KM/kW] | 80/59 | 90/66 |
| [mm] | 560 x 5 / 610 x 5 | |
| X | 8 | |
| kg | 1315 | 1460 |
| kg + | 1665 | 1960 |
| X | 28 | 32 |



(3.15m)







### Standard:

- 4 sections of discs – arranged in "V" pattern
- disc shaft axis 35x35mm,
- disc pitch adjustment - point,
- transverse division of discs 22.5 cm,
- notched front disc section,
- smooth rear disc section,
- disc scrapers A
- metal housings for bearings B
- coupling bar CAT. III.

| | | | |
|---|---|---|---|
| 1 | Disc harrow (3.15m) discs Ø 560 x 5mm | V4STRONG-315x56 | |
| 2 | Disc harrow (3.15m) discs Ø 610 x 5mm | V4STRONG-315x61 | |
| 3 | Disc harrow (3.40m) discs Ø 560 x 5mm | V4STRONG-34x56 | |
| 4 | Disc harrow (3.40m) discs Ø 610 x 5mm | V4STRONG-34x61 | |

### Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Rear notched discs (pcs.) | TU | |
| 2 | Tubular roller ø 530mm for harrows: (3.15m) | WR | |
| 3 | Tubular roller ø 530mm for harrows: (3.4m) | WR34 | |
| 4 | Flat roller ø 530mm for harrows: (3.15m) | WPŁ | |
| 5 | Flat roller ø 530mm for harrows: (3.4m) | WPŁ34 | |
| 6 | String roller ø 530mm for harrows: (3.15m) | WST | |
| 7 | String roller ø 530mm for harrows: (3.4m) | WST34 | |
| 8 | Tubular flat roller ø 530mm for harrows: (3.15m) | WRP | |
| 9 | Tubular flat roller ø 530mm for harrows: (3.4m) | WRP34 | |
| 10 | Tubular string roller ø 530mm for harrows: (3.15m) | WST | |
| 11 | Tubular string roller ø 530mm for harrows: (3.4m) | WST34 | |
| 12 | LED lights (back) (version with roller) | OL | |
| 13 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 14 | Upper coupling pin | SZ | |

**Photos of rollers and options – pages 76, 77**

# V-4

## V TYPE FOUR-ROLLER DISC HARROW

| | | |
|---|---|---|
| [m] | 2.70 | 3.15 |
| [KM/kW] | 65/48 | 70/51 |
| [mm] | 510 / 560 x 4 | |
| X | 8 | |
| kg | 785 | 885 |
| kg + | 1135 | 1235 |
| X | 24 | 28 |





(3.15m)




### Standard:

- 4 sections of discs – arranged in "V" pattern
- disc shaft axis 30x30mm,
- disc pitch adjustment - point,
- transverse division of discs 23 cm,
- notched front disc section,
- smooth rear disc section,
- disc scrapers,
- coupling bar CAT. II.

| | | | |
|---|---|---|---|
| 1 | Disc harrow (2.7m) discs Ø 510 x 4mm | V4 - 27 | |
| 2 | Disc harrow (2.7m) discs Ø 560 x 4mm | V4 - 27x560 | |
| 3 | Disc harrow (3.15m) discs Ø 510 x 4mm | V4 - 315 | |
| 4 | Disc harrow (3.15m) discs Ø 560 x 4mm | V4 - 315x560 | |

### Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Notched rear disks (all working widths) | TU | |
| 2 | Tubular roller ø 530mm for harrows: (2.7m), (3.15m) | WR | |
| 3 | Flat roller ø 530mm for harrows: (2.7m), (3.15m) | WPŁ | |
| 4 | String roller ø 530mm for harrows: (2.7m), (3.15m) | WST | |
| 5 | Tubular flat roller ø 530mm for harrows: (2.7m), (3.15m) | WRP | |
| 6 | Tubular string roller ø 530mm for harrows: (2.7m), (3.15m) | WST | |
| 7 | LED lights (back) (version with roller) | OL | |
| 8 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 9 | Upper coupling pin | SZ | |

**Photos of rollers and options – pages 76, 77**



| | | | | | | |
|---|---|---|---|---|---|---|
| [m] | 1.4 | 1.6 | 1.8 | 2 | 2.2 | 2.4 |
| [KM/kW] | 25/18 | 30/22 | 35/26 | 40/29 | 55/40 | 60/44 |
| [mm] | 510 x 4 (560 x 4) | | | | | |
| X | 4 | 4 | 4 | 6 | 6 | 6 |
| kg | 320 | 370 | 440 | 490 | 530 | 555 |
| kg + | 485 | 540 | 620 | 675 | 720 | 750 |
| X | 12 | 14 | 16 | 18 | 20 | 22 |

## Standard:

- 2 sections of discs – arranged in "V" pattern
- disc shaft axis 30x30mm,
- disc pitch adjustment - point,
- transverse division of discs 23 cm,
- notched front disc section,
- smooth rear disc section,
- disc scrapers,
- coupling bar CAT. II.

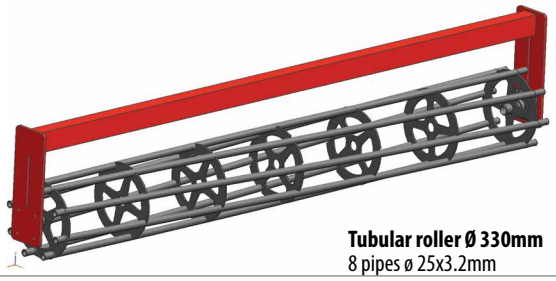
## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Notched rear disks (all working widths) | TU | |
| 2 | Disc Ø 560x4 mm (paid extra per piece) | T56 | |
| 3 | Tubular roller Ø 330mm | WRV2 | |
| 4 | Tubular-flat roller Ø 330mm | WRPV2 | |
| 5 | Tubular-string roller Ø 330mm | WRSV2 | |
| 6 | Flat roller Ø 330mm | WPV2 | |
| 7 | String roller Ø 330mm | WSV2 | |
| 8 | LED lights (back) (version with roller) | 0 | |
| 9 | Upper coupling pin | SZ | |

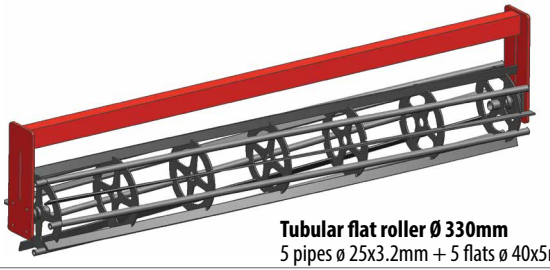


| | | | |
|---|---|---|---|
| 1 | Disc harrow (1.2m) discs Ø 510mm x 4mm | V212 | |
| 2 | Disc harrow (1.4m) discs Ø 510mm x 4mm | V214 | |
| 3 | Disc harrow (1.6m) discs Ø 510mm x 4mm | V216 | |
| 4 | Disc harrow (1.8m) discs Ø 510mm x 4mm | V218 | |
| 5 | Disc harrow (2.0m) discs Ø 510mm x 4mm | V220 | |
| 6 | Disc harrow (2.2m) discs Ø 510mm x 4mm | V222 | |
| 7 | Disc harrow (2.4m) discs Ø 510mm x 4mm | V224 | |

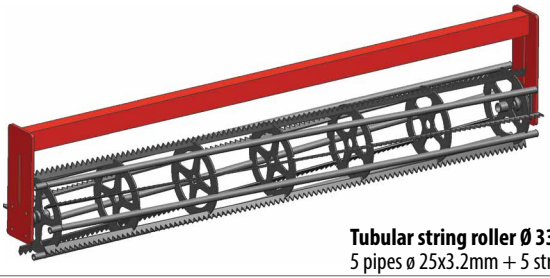
Roller frame – 80x60x4mm
Bolt – 35mm



**Tubular roller Ø 330mm**
8 pipes ø 25x3.2mm



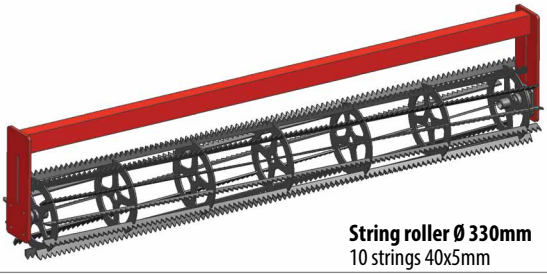
**Tubular flat roller Ø 330mm**
5 pipes ø 25x3.2mm + 5 flats ø 40x5mm



**Tubular string roller Ø 330mm**
5 pipes ø 25x3.2mm + 5 strings ø 40x5mm



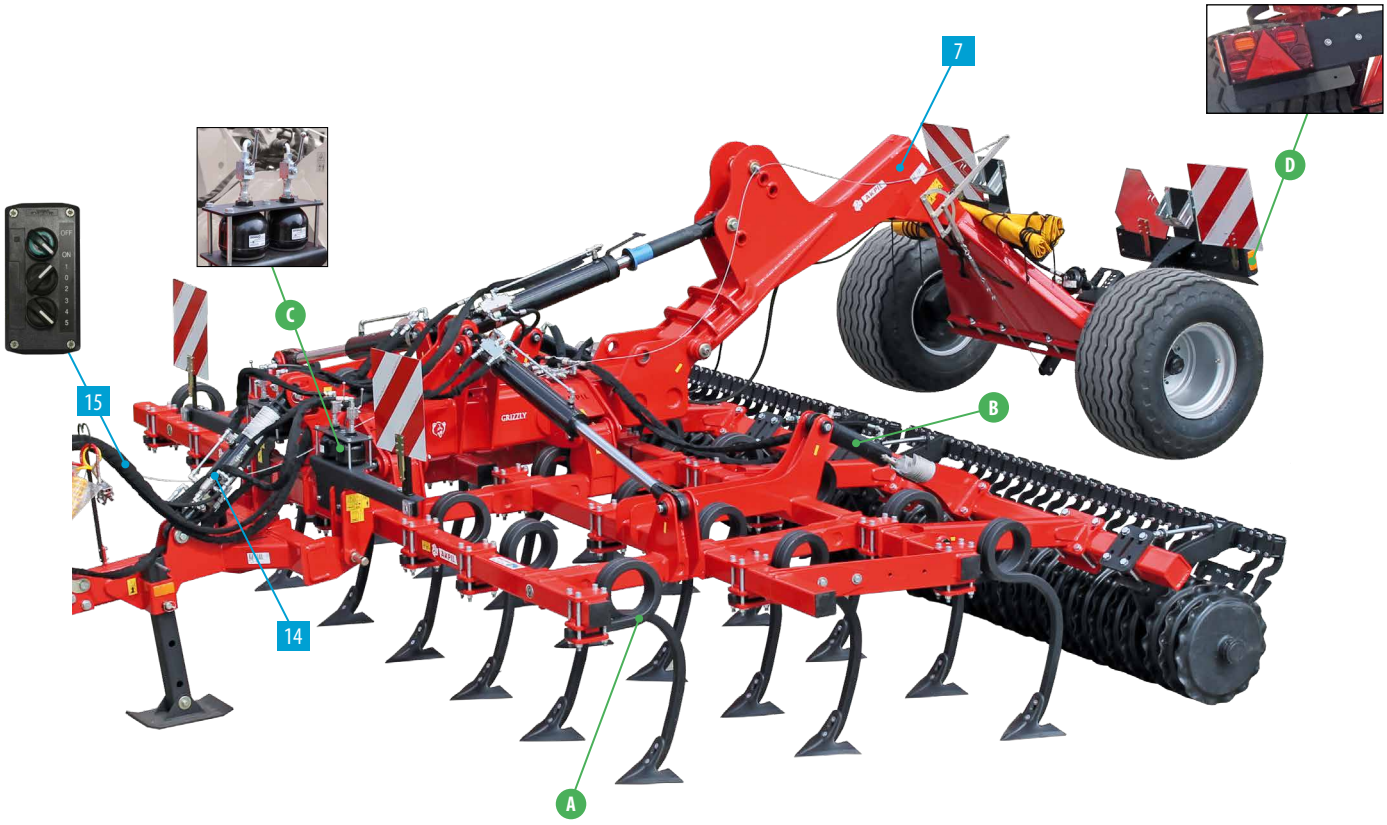
**Flat roller Ø 330mm**
10 flats 40x5mm

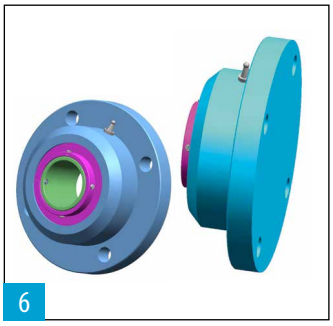


**String roller Ø 330mm**
10 strings 40x5mm



| [m] | 3,5 | 4,0 | 4,5 | 5,0 |
|---|---|---|---|---|
| X | 15 / 15 | 17 / 20 | 21 / 22 | 23 / 26 |
| [cm] | 75 | | | |
| [cm] | 80 | | | |
| [KM/kW] | 145/107 | 160/118 | 175/129 | 190/140 |
| kg + | 2450 | 2550 | 2650 | 2750 |
| kg + + + | 3450 | 3550 | 3650 | 3750 |





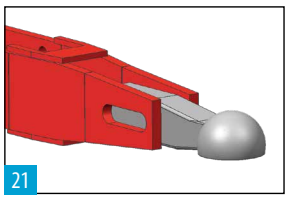


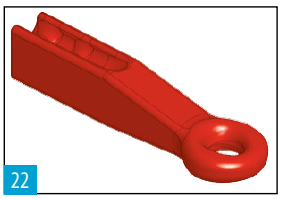

















## Standard:

- 3 rows of screw spring teeth 40x40mm with 3D NON-STOP protection A
- hydraulic depth adjustment on the roller B
- mechanical working depth memory,
- hydraulic folding for transport,
- coupling pins CAT. II and III,
- hydraulic roller locking for transport,
- double-braided hydraulic hoses 330 bar,
- hydraulic locks for all actuators (standard and optional).

**Extra in TRAILED VERSION:**

- hydraulic accumulators for actuators C
- LED lighting – back D
- hydraulically lifted transport wheels 500/50-17 – tyre width 50 cm
- pneumatic dual circuit brakes,
- coupling bar CAT. III – L = 825mm,
- required 2 pairs of hydraulic outputs (suspended version),
- required 3 pairs of hydraulic outputs (trailed version),

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Skids with frame for spring roller (price per 1 m) | PSP | |
| 2 | Skid plate for spring roller (price per pc.)<br>3.5m - 18 pcs.; 4.0m - 20 pcs.; 4.5m - 22 pcs.; 5.0m - 26 pcs. | NP | |
| 3 | Skid-scrapers for v-ring roller | PD | |
| 4 | Reinforced scraper for rocky soil for segment roller (price per 1 m) | SWS | |
| 5 | Scrapers for rubber roller (price per 1 m) | SG | |
| 6 | Barrel bearing in a dust protection housing for rollers | LB | |
| 7 | Chassis with drawbar + pneumatic brakes (1 pair of hydraulic output additionally required) | PDG | |
| 8 | Folded chassis with drawbar + pneumatic brakes (1 pair of hydraulic output additionally required) | PDD | |
| 9 | Hydraulic brakes (note in order) | HH | |
| 10 | Screen of spring rakes between the teeth and the roller (3.5m-5.0m) | EZW5 | |
| 11 | Coulter 490x60x16mm (paid extra per pc.)<br>3,5m - 15 pcs.; 4.0m - 20 pcs.; 4.5m - 22 pcs.; 5.0m - 26 pcs. | R | |
| 12 | Sweep 310mm (paid extra per pc.) | GS | |
| 13 | Drawbar adjusted with turnbuckle | DS | |
| 14 | Hydraulic drawbar (additionally requires 1 pair of hydraulic outputs)" | DH | |
| 15 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 16 | LED lights (back) – suspended version | OL | |
| 17 | LED lights (front) – trailed version | OLP | |
| 18 | Warning sign (2 pcs.) (back) | T2 | |
| 19 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 20 | Wedges with brackets under the wheels | K | |
| 21 | Ball coupling K80 (80 mm) (for Hitch) – available only with option 13 | ZK | |
| 22 | Eye coupling (for Hitch) Ø40 or Ø50 or Ø55 – available only with option 24 | Z40 / Z50 / Z55 | |
| 23 | Fenders | BL | |
| 24 | Coupling bar CAT. III – L = 965 mm | BZ | |
| 25 | Upper coupling pin | SZ | |

**Photos of rollers and options – pages 76, 77**


AKPIL









**CAUTION: price of the machine with screw spring tooth 40x40 without coulter and sweep (price of accessories in options)**

| | | | |
|---|---|---|---|
| 1 | (3.5m) + tubular roller Ø 600mm | GRIZZLYXL35R6 | |
| 2 | (3.5m) + flat roller Ø 600mm | GRIZZLYXL35PŁ6 | |
| 3 | (3.5m) + string roller Ø 600mm | GRIZZLYXL35ST6 | |
| 4 | (3.5m) + tubular flat roller Ø 600mm | GRIZZLYXL35RP6 | |
| 5 | (3.5m) + tubular string roller Ø 600mm | GRIZZLYXL35RS6 | |
| 6 | (3.5m) + spring roller Ø 600mm | GRIZZLYXL35SP | |
| 7 | (3.5m) + packer roller Ø 500mm | GRIZZLYXL35P | |
| 8 | (3.5m) + v-ring roller Ø 600mm | GRIZZLYXL35D | |
| 9 | (3.5m) + segment roller Ø 500mm | GRIZZLYXL35S | |
| 10 | (3.5m) + spike roller | GRIZZLYXL35K | |
| 11 | (3.5m) + rubber roller Ø 530mm | GRIZZLYXL35G | |
| 12 | (4.0m) + tubular roller Ø 600mm | GRIZZLYXL40R6 | |
| 13 | (4.0m) + flat roller Ø 600mm | GRIZZLYXL40PŁ6 | |
| 14 | (4.0m) + string roller Ø 600mm | GRIZZLYXL40ST6 | |
| 15 | (4.0m) + tubular flat roller Ø 600mm | GRIZZLYXL40RP6 | |
| 16 | (4.0m) + tubular string roller Ø 600mm | GRIZZLYXL40RS6 | |
| 17 | (4.0m) + spring roller Ø 600mm | GRIZZLYXL40SP | |
| 18 | (4.0m) + packer roller Ø 500mm | GRIZZLYXL40P | |
| 19 | (4.0m) + v-ring roller Ø 600mm | GRIZZLYXL40D | |
| 20 | (4.0m) + segment roller Ø 500mm | GRIZZLYXL40S | |
| 21 | (4.0m) + spike roller | GRIZZLYXL40K | |
| 22 | (4.0m) + rubber roller Ø 530mm | GRIZZLYXL40G | |
| 23 | (4.5m) + tubular roller Ø 600mm | GRIZZLYXL45R6 | |
| 24 | (4.5m) + flat roller Ø 600mm | GRIZZLYXL45PŁ6 | |

| | | | |
|---|---|---|---|
| 25 | (4.5m) + string roller Ø 600mm | GRIZZLYXL45ST6 | |
| 26 | (4.5m) + tubular flat roller Ø 600mm | GRIZZLYXL45RP6 | |
| 27 | (4.5m) + tubular string roller Ø 600mm | GRIZZLYXL45RS6 | |
| 28 | (4.5m) + spring roller Ø 600mm | GRIZZLYXL45SP | |
| 29 | (4.5m) + packer roller Ø 500mm | GRIZZLYXL45P | |
| 30 | (4.5m) + v-ring roller Ø 600mm | GRIZZLYXL45D | |
| 31 | (4.5m) + segment roller Ø 500mm | GRIZZLYXL45S | |
| 32 | (4.5m) + spike roller | GRIZZLYXL45K | |
| 33 | (4.5m) + rubber roller Ø 530mm | GRIZZLYXL45G | |
| 34 | (5.0m) + tubular roller Ø 600mm | GRIZZLYXL50R6 | |
| 35 | (5.0m) + flat roller Ø 600mm | GRIZZLYXL50PŁ6 | |
| 36 | (5.0m) + string roller Ø 600mm | GRIZZLYXL50ST6 | |
| 37 | (5.0m) + tubular flat roller Ø 600mm | GRIZZLYXL50RP6 | |
| 38 | (5.0m) + tubular string roller Ø 600mm | GRIZZLYXL50RS6 | |
| 39 | (5.0m) + spring roller Ø 600mm | GRIZZLYXL50SP | |
| 40 | (5.0m) + packer roller Ø 500mm | GRIZZLYXL50P | |
| 41 | (5.0m) + v-ring roller Ø 600mm | GRIZZLYXL50D | |
| 42 | (5.0m) + segment roller Ø 500mm | GRIZZLYXL50S | |
| 43 | (5.0m) + spike roller | GRIZZLYXL50K | |
| 44 | (5.0m) + rubber roller Ø 530mm | GRIZZLYXL50G | |




| | | | |
|---|---|---|---|
| [m] | 2.5 | 3.0 | 3.5 |
| X | 11 | 13 | 15 |
| [cm] | 75 | | |
| [cm] | 80 | | |
| [KM/kW] | 100/73 | 120/88 | 140/103 |
| kg | 1450 | 1550 | 1650 |

















**Standard:**

- 3 rows of screw spring teeth 40x40mm with 3D NON-STOP protection A
- hydraulic depth adjustment on the roller B
- hydraulic lock of the working depth cylinder,
- mechanical working depth memory,
- coupling pins CAT. II and III,
- double-braided hydraulic hoses 330 bar,
- requires 1 pair of hydraulic outputs.

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Skids with frame for spring roller (price per 1 m) | PSP | |
| 2 | Skid plate for spring roller (price per pc.)<br>2.5m-13 pcs.; 3.0m-15 pcs.; 3.5m-18 pcs. | NP | |
| 3 | Skid-scrapers for v-ring (price per 1 m) | PD | |
| 4 | Reinforced scraper for rocky soil for segment roller (price per 1m) | NS | |
| 5 | Scrapers for rubber roller (price per 1 m) | PS | |
| 6 | Screen of spring rakes | EZW3 | |
| 7 | Coulter 490x60x16mm (paid extra per pc.) | R | |
| 8 | Sweep 310mm (paid extra per pc.) | GS | |
| 9 | LED lighting – back | OL | |
| 10 | Aftercrop seeder "POPLON" with a bracket | POPLON | |
| 11 | Upper coupling pin | SZ | |
| **Photos of rollers and options – pages 76, 77** | | | |

**CAUTION: price of the machine with screw spring tooth 40x40 without coulter and sweep (price of accessories in options)**

| | | | |
|---|---|---|---|
| 1 | (2.5m) + tubular roller Ø 530mm | GRIZZLY25R | |
| 2 | (2.5m) + flat roller Ø 530mm | GRIZZLY25PŁ | |
| 3 | (2.5m) + string roller Ø 530mm | GRIZZLY25ST | |
| 4 | (2.5m) + tubular flat roller Ø 530mm | GRIZZLY25RP | |
| 5 | (2.5m) + tubular string roller Ø 530mm | GRIZZLY25RS | |
| 6 | (2.5m) + tubular roller Ø 600mm | GRIZZLY25R6 | |
| 7 | (2.5m) + flat roller Ø 600mm | GRIZZLY25PŁ6 | |
| 8 | (2.5m) + string roller Ø 600mm | GRIZZLY25ST6 | |
| 9 | (2.5m) + tubular flat roller Ø 600mm | GRIZZLY25RP6 | |
| 10 | (2.5m) + tubular string roller Ø 600mm | GRIZZLY25RS6 | |
| 11 | (2.5m) + spring roller Ø 600mm | GRIZZLY25SP | |
| 12 | (2.5m) + packer roller Ø 500mm | GRIZZLY25P | |
| 13 | (2.5m) + v-ring roller Ø 600mm | GRIZZLY25D | |
| 14 | (2.5m) + segment roller Ø 500mm | GRIZZLY25S | |
| 15 | (2.5m) + spike roller | GRIZZLY25K | |
| 16 | (3.0m) + tubular roller Ø 530mm | GRIZZLY25R | |
| 17 | (3.0m) + flat roller Ø 530mm | GRIZZLY30PŁ | |
| 18 | (3.0m) + string roller Ø 530mm | GRIZZLY30ST | |
| 19 | (3.0m) + tubular flat roller Ø 530mm | GRIZZLY30RP | |
| 20 | (3.0m) + tubular string roller Ø 530mm | GRIZZLY30RS | |
| 21 | (3.0m) + tubular roller Ø 600mm | GRIZZLY30R6 | |
| 22 | (3.0m) + flat roller Ø 600mm | GRIZZLY30PŁ6 | |
| 23 | (3.0m) + string roller Ø 600mm | GRIZZLY30ST6 | |
| 24 | (3.0m) + tubular flat roller Ø 600mm | GRIZZLY30RP6 | |

| | | | |
|---|---|---|---|
| 25 | (3.0m) + tubular string roller Ø 600mm | GRIZZLY30RS6 | |
| 26 | (3.0m) + spring roller Ø 600mm | GRIZZLY30SP | |
| 27 | (3.0m) + packer roller Ø 500mm | GRIZZLY30P | |
| 28 | (3.0m) + v-ring roller Ø 600mm | GRIZZLY30D | |
| 29 | (3.0m) + segment roller Ø 500mm | GRIZZLY30S | |
| 30 | (3.0m) + spike roller | GRIZZLY30K | |
| 31 | (3.5m) + tubular roller Ø 530mm | GRIZZLY35R | |
| 32 | (3.5m) + flat roller Ø 530mm | GRIZZLY35PŁ | |
| 33 | (3.5m) + string roller Ø 530mm | GRIZZLY35ST | |
| 34 | (3.5m) + tubular flat roller Ø 530mm | GRIZZLY35RP | |
| 35 | (3.5m) + tubular string roller Ø 530mm | GRIZZLY35RS | |
| 36 | (3.5m) + tubular roller Ø 600mm | GRIZZLY35R6 | |
| 37 | (3.5m) + flat roller Ø 600mm | GRIZZLY35PŁ6 | |
| 38 | (3.5m) + string roller Ø 600mm | GRIZZLY35ST6 | |
| 39 | (3.5m) + tubular flat roller Ø 600mm | GRIZZLY35RP6 | |
| 40 | (3.5m) + tubular string roller Ø 600mm | GRIZZLY35RS6 | |
| 41 | (3.5m) + spring roller Ø 600mm | GRIZZLY35SP | |
| 42 | (3.5m) + packer roller Ø 500mm | GRIZZLY35P | |
| 43 | (3.5m) + v-ring roller Ø 600mm | GRIZZLY35D | |
| 44 | (3.5m) + segment roller Ø 500mm | GRIZZLY35S | |
| 45 | (3.5m) + spike roller | GRIZZLY35K | |








| | | | |
|---|---|---|---|
| [m] | 2,5 | 3,0 | 3,6 |
| X | 8 | 10 | 12 |
| [cm] | 83 / 93 (option) | | |
| [cm] | 68 | | |
| [KM/kW] | 150/110 | 170/125 | 200/147 |
| kg + | 1600 | 1800 | 2000 |

**Standard:**

- Frame 100x100x8
- Tubular roller 530mm
- 3 rows of tines with sweep or coulter
- Hydraulic protection of each tine
- Regulation of working elements pressure
- regulation distances roller working
- side working elements folding for transportation
- double – braided hydraulic hoses 330 bar
- hydraulic locks
- hitch pins, CAT. II and III
- required one pair of hydraulic outputs (suspended version)
- required two pair of hydraulic outputs (trailed version)
















**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 2,5m + 6 discs | RTG25 | |
| 2 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 3,0m + 8 discs | RTG30 | |
| 3 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 3,6m + 10 discs | RTG36 | |
| 4 | Tubular roller Ø 600mm – extra paid to tubular roller Ø530mm | WR6 | |
| 5 | Packer roller Ø 500mm – extra paid to tubular roller Ø530mm | P5 | |
| 6 | Spring roller Ø 600mm – extra paid to tubular roller Ø530mm | SP6 | |
| 7 | V-ring roller Ø 600mm – extra paid to tubular roller Ø530mm | D6 | |
| 8 | Segment roller Ø 500mm – extra paid to tubular roller Ø530mm | S5 | |
| 9 | Rubber roller Ø 530mm – extra paid to tubular roller Ø530mm | G53 | |
| 10 | C-ring roller Ø 540mm – extra paid to tubular roller Ø530mm | CR | |
| 11 | C-ring tandem roller Ø 540mm – extra paid to tubular roller Ø530mm | CRT | |
| 12 | Aftercrop seeder 'POPLON" with a bracket | POPLON | |
| 13 | Warning signs | T2 | |
| 14 | LED lights | OL | |
| 15 | Pad-welded shore point with sintered carbide (paid extra per pc.) | DN | |
| 16 | Hydraulic regulation roller working (additionally requires 1 pair of hydraulic outputs) | HW | |
| 17 | Hydraulic folding of the roller for transport + hydraulic adjustment of the tillage roller (additionally requires 1 pair of hydraulic outputs) | HTW | |
| 18 | Support wheels with hydraulic adjustment (185R14C) (additionally requires 1 pair of hydraulic outputs) | KP | |
| 19 | Hydrauliczna regulacja rzędu talerzy uzębionych (wymagana dod. 1 para wyjść hydr.) | HRT | |
| 20 | Upper coupling pin | SZ | |
| **Photos of rollers and options – page 76,77** | | | |

**PLEASE MARK THE SELECTED WORKING ELEMENTS IN THE ORDER!**

| | | | |
|---|---|---|---|
| 1 | STUBBLE CULTIVATOR "SCORPIO H" 2,5m | SCORPIOH25 | |
| 2 | STUBBLE CULTIVATOR "SCORPIO H" 3,0m | SCORPIOH30 | |
| 3 | STUBBLE CULTIVATOR "SCORPIO H" 3,6m | SCORPIOH36 | |









| | | | |
|---|---|---|---|
| [m] | 2,5 | 3,0 | 3,6 |
| X | 8 | 10 | 12 |
| [cm] | 83 / 93 (option) | | |
| [cm] | 80 | | |
| [KM/kW] | 150/110 | 170/125 | 200/147 |
| kg | 1650 | 1850 | 2050 |

**Standard:**

- Frame 100x100x8
- tubular roller 530mm
- 3 rows of tines
- spring protection of each tines
- double springs
- mechanical regulation roller working
- hitch pins, CAT. II and III



















**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Row of notched or smooth discs (mark in the order) Ø455x4mm for 2,5m + 6 discs | RT25 | |
| 2 | Row of notched or smooth discs (mark in the order) Ø455x4mm for 3,0m + 8 discs | RT30 | |
| 3 | Row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 3,6m + 10 discs | RTG36 | |
| 4 | Tubular roller Ø 600mm – extra paid to tubular roller Ø530mm | WR6 | |
| 5 | Packer roller Ø 500mm – extra paid to tubular roller Ø530mm | P5 | |
| 6 | Spring roller Ø 600mm – extra paid to tubular roller Ø530mm | SP6 | |
| 7 | V-ring roller Ø 600mm – extra paid to tubular roller Ø530mm | D6 | |
| 8 | Segment roller Ø 500mm – extra paid to tubular roller Ø530mm | S5 | |
| 9 | Rubber roller Ø 530mm – extra paid to tubular roller Ø530mm | G53 | |
| 10 | C-ring roller Ø 540mm – extra paid to tubular roller Ø530mm | CR | |
| 11 | C-ring tandem roller Ø 540mm – extra paid to tubular roller Ø530mm | CRT | |
| 12 | Aftercrop seeder 'POPLON" with a bracket | POPLON | |
| 13 | Warning signs | T2 | |
| 14 | LED lights | OL | |
| 15 | Pad-welded shore point with sintered carbide (paid extra per pc.) | DN | |
| 16 | Hydraulic regulation roller working (additionally requires 1 pair of hydraulic outputs) | HW | |
| 17 | Hydraulic folding of the roller for transport + hydraulic adjustment of the tillage roller (additionally requires 1 pair of hydraulic outputs) | HTW | |
| 18 | Support wheels with hydraulic adjustment (185R14C) (additionally requires 1 pair of hydraulic outputs) | KP | |
| 19 | Hydrauliczna regulacja rzędu talerzy uzębionych (wymagana dod. 1 para wyjść hydr.) | HRT | |
| 20 | Upper coupling pin | SZ | |

**Photos of rollers and options – page 76,77**

| | | | |
|---|---|---|---|
| 1 | STUBBLE CULTIVATOR "SCORPIO S" 2,5m | SCORPIOS25 | |
| 2 | STUBBLE CULTIVATOR "SCORPIO S" 3,0m | SCORPIOS30 | |
| 3 | STUBBLE CULTIVATOR "SCORPIO S" 3,6m | SCORPIOS36 | |

**PLEASE MARK THE SELECTED WORKING ELEMENTS IN THE ORDER!**





| | | |
|---|---|---|
| [m] | 4,2 | 4,8 |
| [m] | 2,4 | |
| X | 14 | 16 |
| [cm] | 83 / 93 (option) | |
| [cm] | 80 | |
| [KM/kW] | 200/147 | 250/183 |
| kg | 4900 | 5100 |

**Standard:**

- frame 100x100x8mm
- tubular roller 530mm
- 3 rows of tines
- spring protection of each tines
- double springs
- Hydraulic regulation roller working
- two widths possible
- transport width 2,4m
- coupling CAT II and III,




**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | protection Ø 455x4mm for 4,2m and 4,8m + 10 discs | RTG | |
| 2 | Tubular roller Ø 600mm – extra paid to tubular roller Ø 530mm | WR6 | |
| 3 | Packer roller Ø 500mm – extra paid to tubular roller Ø 530mm | P5 | |
| 4 | Spring roller Ø 600mm – extra paid to tubular roller Ø 530mm | SP6 | |
| 5 | V-ring roller Ø 600mm – extra paid to tubular roller Ø 530mm | D6 | |
| 6 | Segment roller 2020 Ø 500mm – extra paid to tubular roller Ø 530mm | S5 | |
| 7 | Rubber roller Ø 530mm – extra paid to tubular roller Ø 530mm | G53 | |
| 8 | C-ring roller Ø 540mm – extra paid to tubular roller Ø 530mm | CR | |
| 9 | C-ring tandem roller Ø 540mm – extra paid to tubular roller Ø 530mm | CRT | |
| 10 | Aftercrop seeder 'POPLON" with a bracket | POPLON | |
| 11 | Warning signs | T2 | |
| 12 | LED lights | OL | |
| 13 | Pad-welded shore point with sintered carbide (paid extra per pc.) | DN | |
| 14 | Pneumatic or hydraulic brakes | H | |
| 15 | Double support wheels with hydraulic regulation 10.0/80-12(additionally required 1 pair of hydraulic outputs) | KP | |
| 16 | Hydraulic adjustment of the row of notched discs(additionally required 1 pair of hydraulic outputs) | HRT | |
| 17 | Hydraulic height adjustment of support wheels integrated with finishing rollers | HRKP | |
| **Photos of rollers and options – page 76,77** | | | |

**PLEASE MARK THE SELECTED WORKING ELEMENTS IN THE ORDER!**

| | | | |
|---|---|---|---|
| 1 | Agregat podorywkowy „SCORPIO S XL" 4,2m z podwoziem w środku | SCORPIOSXL42 | |
| 2 | Agregat podorywkowy „SCORPIO S XL" 4,8m z podwoziem w środku | SCORPIOSXL48 | |







| | | | |
|---|---|---|---|
| [m] | 2,4 | 3,0 | 3,6 |
| X | 8 | 10 | 11 |
| [cm] | 75 | | |
| [cm] | 68 | | |
| [KM/kW] | 130/95 | 150/110 | 1170/125 |
| kg | 900 | 1100 | 1300 |

**Standard:**

- Tubular roller 530mm
- 3 rows of tines with sweep or coulter
- Spring tine 150x16mm
- Hydraulic regulation of the roller's working depth
- regulation distances roller working
- side working elements folding for transportation
- double – braided hydraulic hoses 330 bar
- hydraulic locks
- hitch pins, CAT. II and III
- required one pair of hydraulic outputs (suspended version)
- required two pair of hydraulic outputs (trailed version)







**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | row of notched or smooth discs (mark in the order) Ø455x4mm for 2,5m + 6 discs | RT25 | |
| 2 | row of notched or smooth discs (mark in the order) Ø455x4mm for 3,0m + 8 discs | RT30 | |
| 3 | row of notched or smooth discs (mark in the order) Ø455x4mm for 3,6m + 10 discs | RT36 | |
| 4 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 2,5m + 6 discs | RTG25 | |
| 5 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 3,0m + 8 discs | RTG30 | |
| 6 | row of notched or smooth discs (mark in the order) with rubber protection Ø455x4mm for 3,6m + 10 discs | RTG63 | |
| 7 | Tubular roller Ø 600mm – extra paid to tubular roller Ø530mm | WR6 | |
| 8 | Packer roller Ø 500mm – extra paid to tubular roller Ø530mm | P5 | |
| 9 | Spring roller Ø 600mm – extra paid to tubular roller Ø530mm | SP6 | |
| 10 | V-ring roller Ø 600mm – extra paid to tubular roller Ø530mm | D6 | |
| 11 | Segment roller Ø 500mm – extra paid to tubular roller Ø530mm | S5 | |
| 12 | Rubber roller Ø 530mm – extra paid to tubular roller Ø530mm | G53 | |
| 13 | C-ring roller Ø 540mm – extra paid to tubular roller Ø530mm | CR | |
| 14 | C-ring tandem roller Ø 540mm – extra paid to tubular roller Ø530mm | CRT | |
| 15 | Aftercrop seeder 'POPLON" with a bracket | POPLON | |
| 16 | Chassis with drawbar (wheels 500/50-17) | PD | |
| 17 | Warning signs | T2 | |
| 18 | LED lights | OL | |
| 19 | Upper coupling pin | SZ | |
| | **Photos of rollers and options – page 76,77** | | |

**PLEASE MARK THE SELECTED WORKING ELEMENTS IN THE ORDER!**

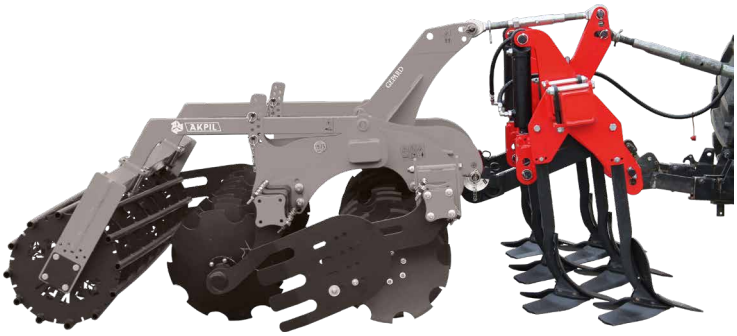
Possibility of working elements welded a carbide alloy.

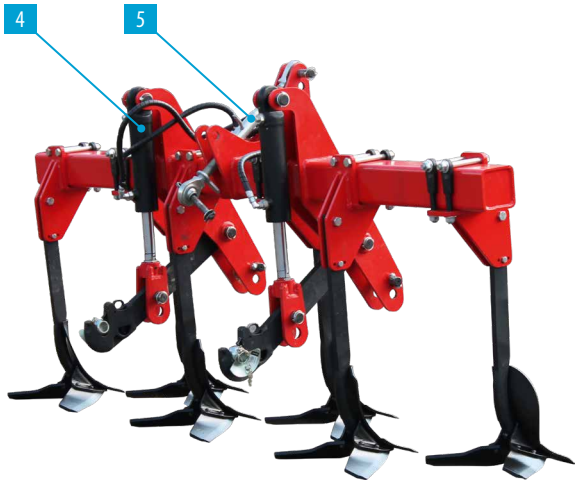
| | | | |
|---|---|---|---|
| 1 | STUBBLE CULTIVATOR "SCORPIO R" 2,4m | SCORPIOR25 | |
| 2 | STUBBLE CULTIVATOR "SCORPIO R" 3,0m | SCORPIOR30 | |
| 3 | STUBBLE CULTIVATOR "SCORPIO R" 3,6m | SCORPIOR36 | |






| | | | |
|---|---|---|---|
| [m] | 2,5 | 3,0 | 3,5 |
| | | | |
| X | 3-5 (3 - standard) | 4-6 (4 - standard) | 5-7 (5 - standard) |
| [cm] | | 80 (90 - option) | |
| [KM/kW] | 90/66 | 110/80 | 130/95 |
| kg | 470 | 560 | 650 |









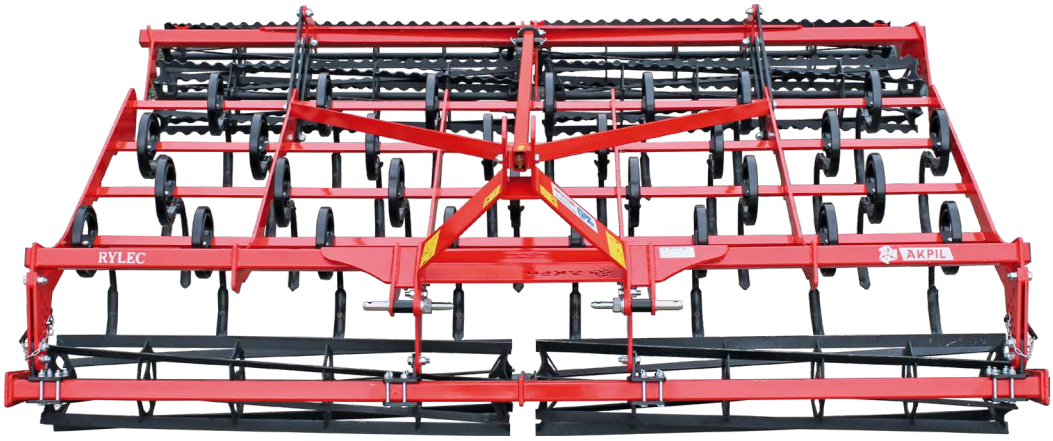
**Standard:**

- 2 rows of teeth on one bar with an undercutter 53 cm wide A
- clearance below the frame 80 cm
- outermost teeth with a mouldboard – left / right B
- smooth adjustment of teeth spacing C
- smooth adjustment of tooth pitch (screw protection) D
- mechanical rear three point hitch
- option to mount onto front three point hitch
- coupling pins CAT. II and III,

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Clearance below the frame 90cm | P90 | |
| 2 | Additional tooth – screw protection | DZ | |
| 3 | Coulter (410x55x15) instead of the tooth (note in order) | R | |
| 4 | Rear three point hitch (additionally requires 1 pair of hydraulic outputs) with hydraulic locks + double-braided hydraulic hoses 330 bar | HT | |
| 5 | Turnbuckle (connector between machines) | Ś | |
| 6 | Upper coupling pin | SZ | |

| | | | |
|---|---|---|---|
| 1 | RAPTOR PLUS (2.5m) 3 tooth – screw protection | RAPTORPLUS25 | |
| 2 | RAPTOR PLUS (3.0m) 4 tooth – screw protection | RAPTORPLUS30 | |
| 3 | RAPTOR PLUS (3.5m) 5 tooth – screw protection | RAPTORPLUS35S | |

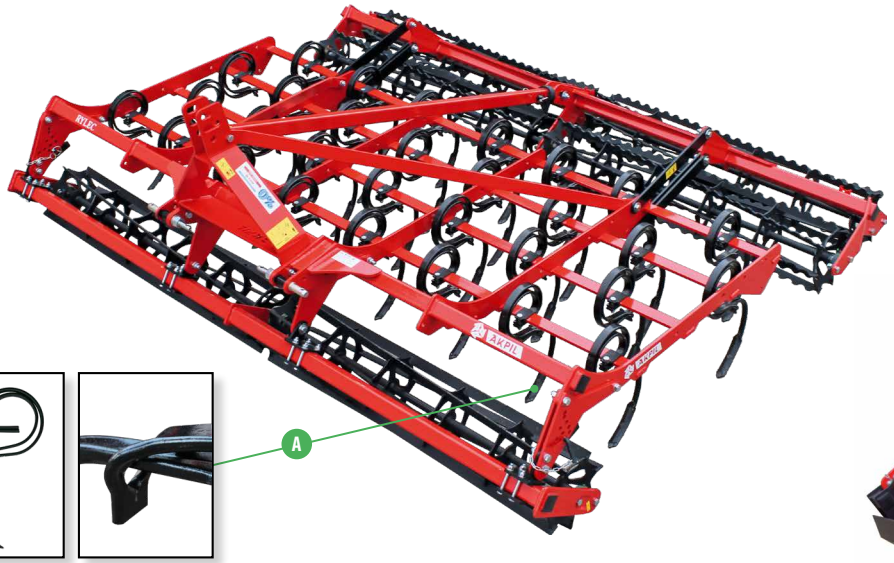






| | | | | |
|---|---|---|---|---|
| [m] | 2.1 | 2.5 | 2.8 | 3.0 |
| X Option | 20 | 23 | 26 | 27 |
| X Standard | 21 | 25 | 28 | 30 |
| X | 4+2 | | | |
| lb | 560 | 620 | 650 | 680 |
| [KM/kW] | 50/36 | 60/44 | 70/51 | 80/58 |













**Standard:**

- 4 rows of "S" type teeth (32x10mm) with eyehook reinforcement + coulter A
- front flat roller Ø 280 mm,
- double rear string roller Ø 280 mm with adjustable pressure,
- coupling pins CAT. I and II.

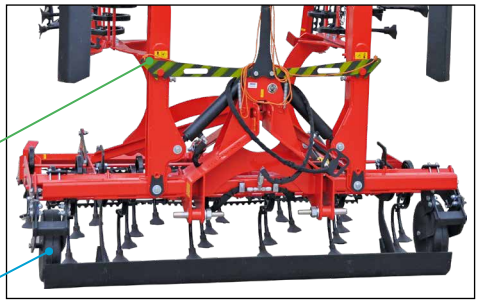
| | | | |
|---|---|---|---|
| 1 | Cultivator (2.1m) | RYLEC 21 | |
| 2 | Cultivator (2.5m) | RYLEC 25 | |
| 3 | Cultivator (2.8m) | RYLEC 28 | |
| 4 | Cultivator (3.0m) | RYLEC 30 | |

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Front levelling bar + wheels – instead of the front roller (note in order) | L | |
| 2 | Front roller and double rear roller Ø 350 | W350 | |
| 3 | Wheel mark eradicators with adjustable depth (2x2 pcs.) | S | |
| 4 | Sweep instead of coulter (note in order) (width 10 cm) | G | |
| 5 | LED lighting – back | OL | |
| 6 | Upper coupling pin | SZ | |



| | | | | | | |
|---|---|---|---|---|---|---|
| [m] | 3.5 | 4.0 | 4.5 | 5.0 | 5.5 | 6.0 |
| X Option | 35 | 40 | 45 | 50 | 55 | 60 |
| X Standard | 33 | 38 | 42 | 47 | 51 | 56 |
| lb | 1380 | 1450 | 1520 | 1600 | 1700 | 1800 |
| X | 8+4 | 8+4 | 8+4 | 8+4 | 12+6 | 12+6 |
| [HP/kW] | 80/59 | 90/66 | 100/73 | 120/88 | 140/103 | 160/118 |
| [m] | 2.5 | | | | | |



















## Standard:

- 4 rows of "S" type teeth (32x10mm) with eyehook reinforcement + sweep (width 10 cm) A
- front flat roller Ø 280mm,
- double rear string roller Ø 280mm with adjustable pressure,
- coupling pins CAT. II and III,
- hydraulic folding for transport – 2 cylinders,
- mechanical locking for transport B
- transport width 2.5m,
- double-braided hydraulic hoses 330 bar,
- requires 1 pair of hydraulic outputs

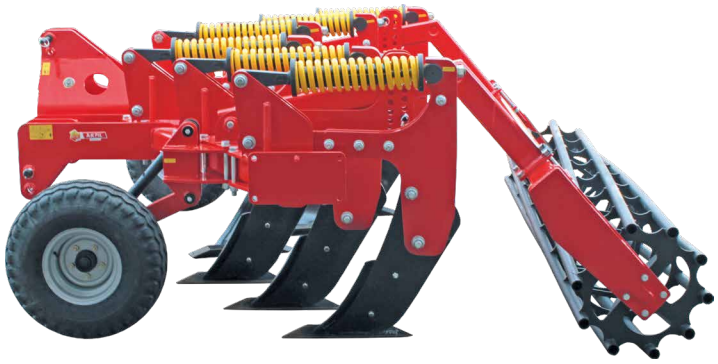
| | | | |
|---|---|---|---|
| 1 | Cultivator (3.5m) | RYLECXL 35 | |
| 2 | Cultivator (4.0m) | RYLECXL 40 | |
| 3 | Cultivator (4.5m) | RYLECXL 45 | |
| 4 | Cultivator (5.0m) | RYLECXL 50 | |
| 5 | Cultivator (5.5m) | RYLECXL 55 | |
| 6 | Cultivator (6.0m) | RYLECXL 60 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Front levelling bar + wheels – instead of the front roller (note in order) | L | |
| 2 | Front roller and double rear roller Ø 350 | W350 | |
| 3 | Wheel mark eradicators with adjustable depth (2x2 pcs.) | S | |
| 4 | Wheel mark eradicators with adjustable depth (2x4 pcs.) | | |
| 5 | Coulter instead of sweep (note in order) | R | |
| 6 | LED lighting – back | OL | |
| 14 | Upper coupling pin | SZ | |







| | | | |
|---|---|---|---|
| [m] | 2 | 3 | 4 |
| X | 4 | 6 | 8 |
| [mm] | 120x200x10 | | |
| kg | 1700 | 2150 | 2600 |
| | 10.0/80-12 | | |
| [KM/kW] | 150/110 | 180/130 | 210/155 |

**Standard:**

- teeth 200x20mm
- spring protection NON-STOP
- hitch pins, CAT. II and III
- clearance below the frame 80 cm
- frame 200x120x10mm
- mechanical adjustment on wheels and roller
- wheel 10.0/80-12

**Optional accessories:**

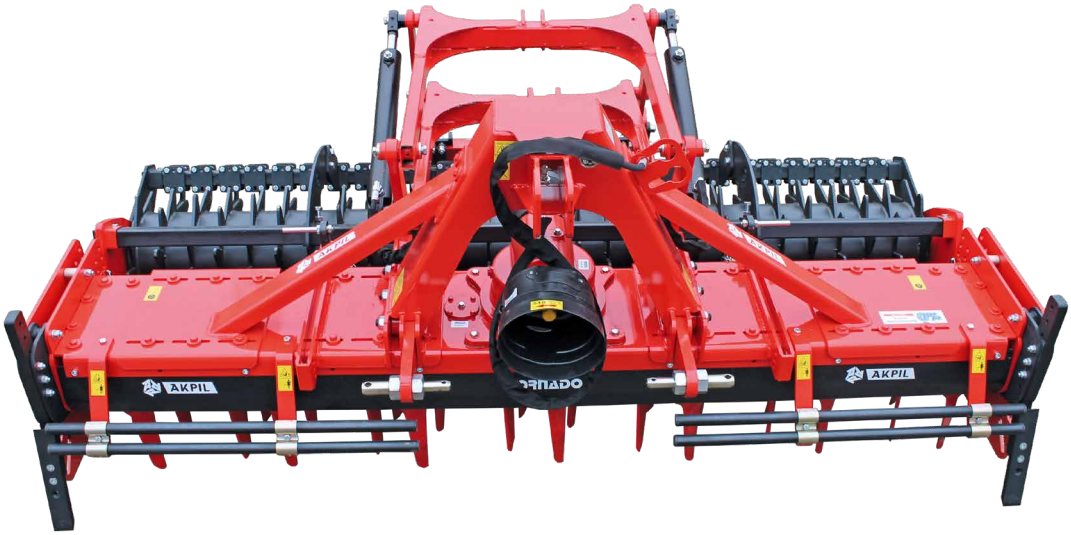
| | | | |
|---|---|---|---|
| 1 | Double spike roller | KP | |
| 2 | Roller O 500mm – extra paid to tubular roller Ø 600mm | P5 | |
| 3 | Spring roller O 600mm – extra paid to tubular roller Ø 600mm | SP6 | |
| 4 | V-ring roller O 600mm – extra paid to tubular roller Ø 600mm | D6 | |
| 5 | Segment roller O 500mm – extra paid to tubular roller Ø 600mm | S5 | |
| 6 | Rubber roller O 530mm – extra paid to tubular roller Ø 600mm | G53 | |
| 7 | C-ring roller O 540mm – extra paid to tubular roller Ø 600mm | CR | |
| 8 | Aftercrop seeder 'POPLON" with a bracket | POPLON | |
| 9 | Hydraulic regulation roller working (additionally requires 1 pair of hydraulic outputs) | HW | |
| 10 | Upper coupling pin | SZ | |
| **Photos of rollers and options – pages 76, 77** | | | |

| | | | |
|---|---|---|---|
| 1 | Subsoiler (2,0m) 4 teeth + tubular roller Ø 600mm | ROBO4SR | |
| 2 | Subsoiler (3,0m) 6 teeth + tubular roller Ø 600mm | ROBO6SR | |
| 3 | Subsoiler (4,0m) 8 teeth + tubular roller Ø 600mm | ROBO8SR | |



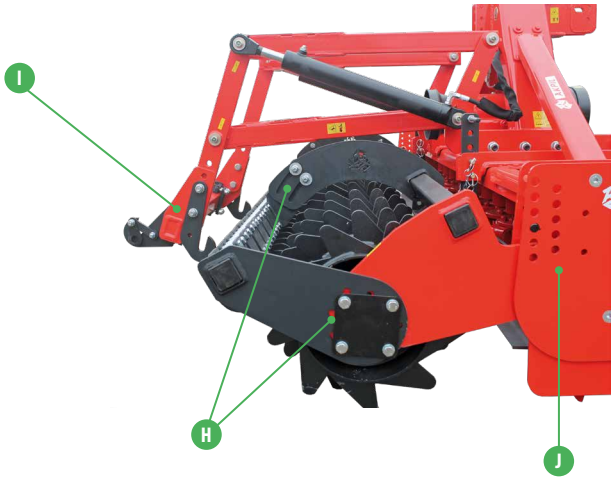
| | | | |
|---|---|---|---|
| [m] | 2.5 | 2.7 | 3.0 |
| [KM/kW] | 85/62 | 100/73 | 120/88 |
| X | 11 | 12 | 13 |
| X | 22 | 24 | 26 |
| kg + | 1400 | 1500 | 1600 |










**Optional accessories:**

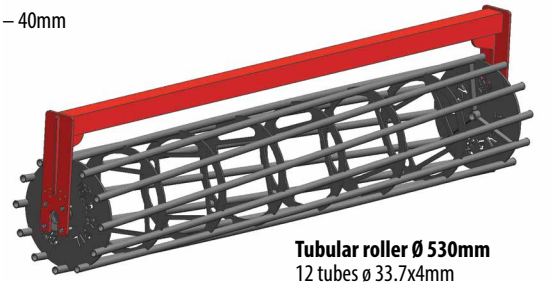
| | | | |
|---|---|---|---|
| 1 | Hydraulic three point frame for the seed drill extension (additionally requires 1 pair of hydraulic outputs) | HYDROPAK | |
| 2 | Additional levelling bar | BW | |
| 3 | Pneumatic seed drill "DRILL" for placing onto the machine (suspended version) | DRZ | |
| 4 | Upper coupling pin | SZ | |
| **Photos of rollers and options – pages 76, 77** | | | |

**Standard:**

- knives 30cm A
- transmission with two output shafts B
- PTO revolutions – 540 and 1000 rpm
- floating side screens C
- adjustable height of the levelling bar D
- brackets for installing a levelling bar at the front E
- horizontally adjustable coupling F
- protective front barriers G
- adjustment of the distance of each scraper from the shaft,
- adjustment of the scraper bar H
- adjustment of brackets for all seed drills – version with HYDROPAK I
- adjustment of working depth J
- coupling pins CAT. II and III,
- double-braided hydraulic hoses 330 bar,
- "CATTELONI CARDANO" articulated shaft with a clutch

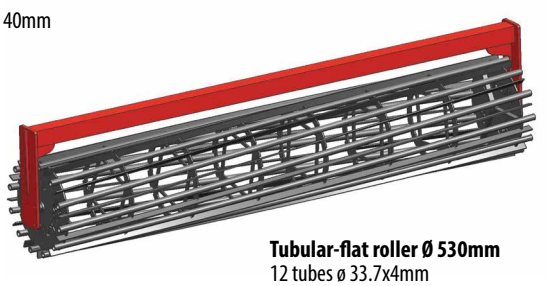
| | | | |
|---|---|---|---|
| 1 | Power harrow + tubular roller Ø 530mm + levelling bar (2.5m) | TORNADO A25R | |
| 2 | Power harrow + tubular roller Ø 530mm + levelling bar (2.7m) | TORNADO A27R | |
| 3 | Power harrow + tubular roller Ø 530mm + levelling bar (3.0m) | TORNADO A30R | |
| 4 | Power harrow + tubular roller Ø 600mm + levelling bar (2.5m) | TORNADO A25R6 | |
| 5 | Power harrow + tubular roller Ø 600mm + levelling bar (2.7m) | TORNADO A27R6 | |
| 6 | Power harrow + tubular roller Ø 600mm + levelling bar (3.0m) | TORNADO A30R6 | |
| 7 | Power harrow + packer roller Ø 500 + levelling bar (2.5m) | TORNADO A25P | |
| 8 | Power harrow + packer roller Ø 500 + levelling bar (2.7m) | TORNADO A27P | |
| 9 | Power harrow + packer roller Ø 500 + levelling bar (3.0m) | TORNADO A30P | |
| 10 | Power harrow + rubber roller Ø 530mm + levelling bar (2.5m) | TORNADO A25G | |
| 11 | Power harrow + rubber roller Ø 530mm + levelling bar (2.7m) | TORNADO A27G | |
| 12 | Power harrow + rubber roller Ø 530mm + levelling bar (3.0m) | TORNADO A30G | |

Bolt – 40mm



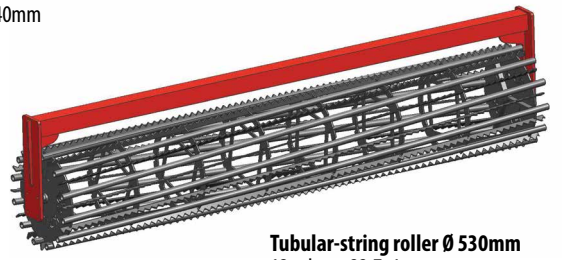
**Tubular roller Ø 530mm**
12 tubes ø 33.7x4mm

Bolt – 40mm

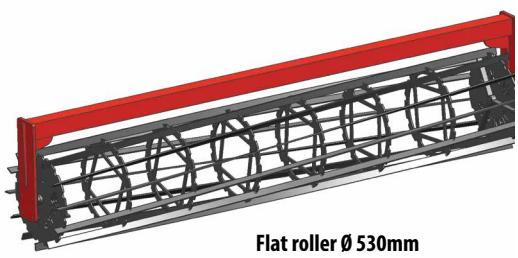


**Tubular-flat roller Ø 530mm**
12 tubes ø 33.7x4mm
+ 12 flats 40x6mm

Bolt – 40mm

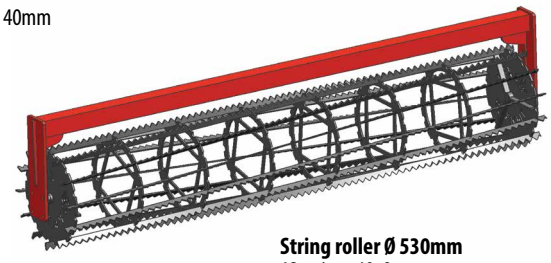


**Tubular-string roller Ø 530mm**
12 tubes ø 33.7x4mm
+ 12 strings 40x6mm



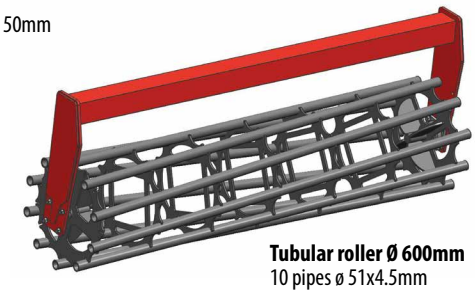
**Flat roller Ø 530mm**
12 flats 40x8mm

Bolt – 40mm



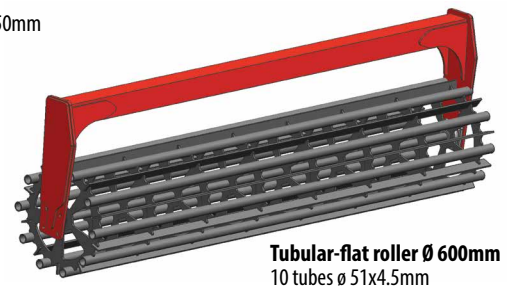
**String roller Ø 530mm**
12 strings 40x8mm

Bolt – 50mm



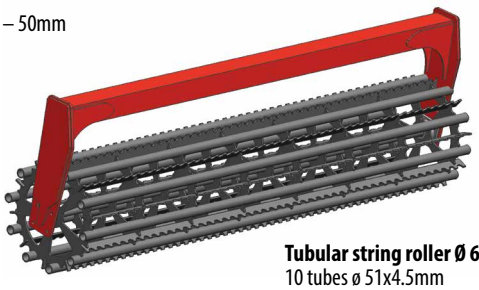
**Tubular roller Ø 600mm**
10 pipes ø 51x4.5mm

Bolt – 50mm



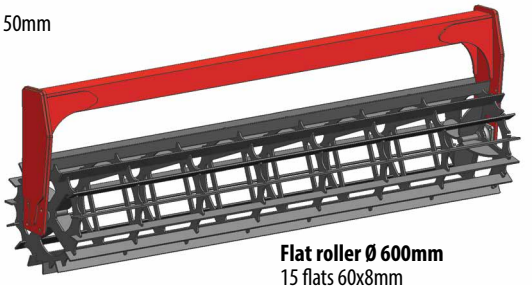
**Tubular-flat roller Ø 600mm**
10 tubes ø 51x4.5mm
+ 10 flats 60x8mm

Bolt – 50mm



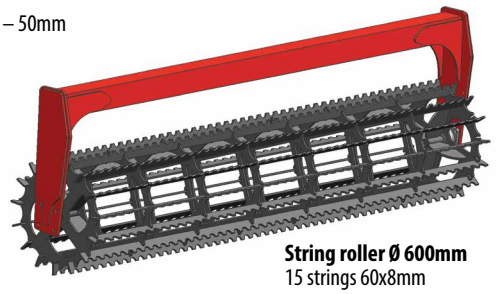
**Tubular string roller Ø 600mm**
10 tubes ø 51x4.5mm
+ 10 strings 60x8mm

Bolt – 50mm



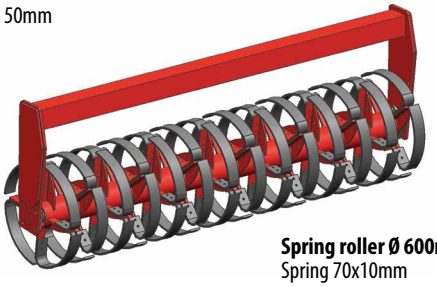
**Flat roller Ø 600mm**
15 flats 60x8mm

Bolt – 50mm

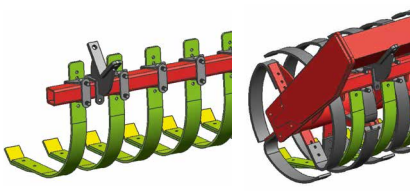


**String roller Ø 600mm**
15 strings 60x8mm

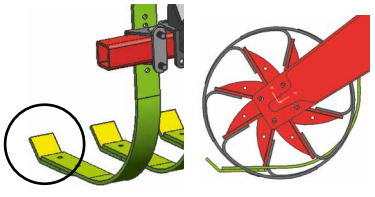
Bolt – 50mm



**Spring roller Ø 600mm**
Spring 70x10mm



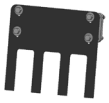
Skids with a frame (PSP) – option



Skid plate (NP) – option

Bolt – 50mm





scraper

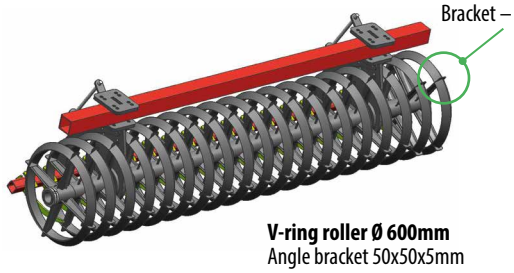


single scraper (double-sided)

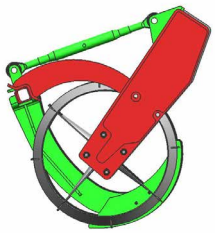
**Packer roller Ø 530mm**

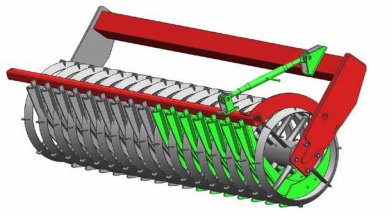
**Single roller with widths of 4.0 m, 4.5 m, 5.0 m, 5.5 m - two sections of roller divided into two parts, and 6.0 m divided into three parts. All widths of double rollers are divided into two parts.**

Bracket – standard

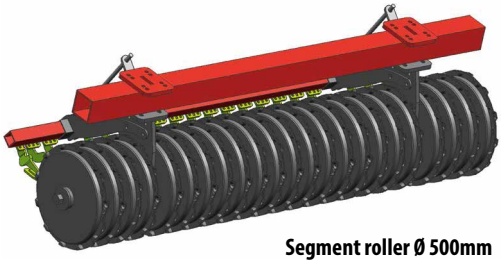


**V-ring roller Ø 600mm**
Angle bracket 50x50x5mm

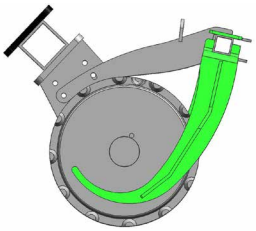


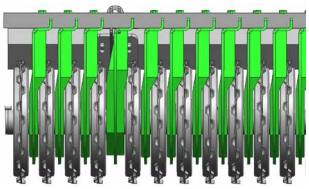


Skid-scrapers (option)



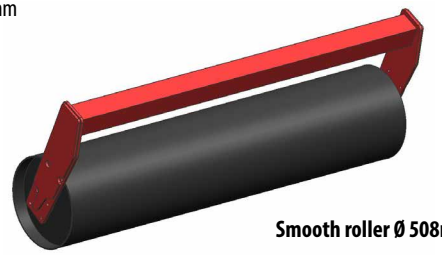
**Segment roller Ø 500mm**





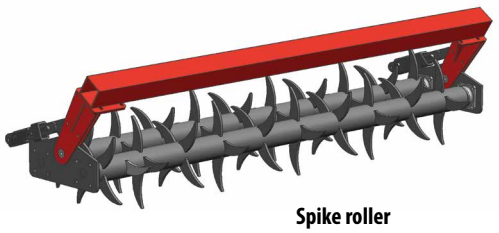
Reinforced scraper (option)

Bolt – 40mm



**Smooth roller Ø 508mm**

Bolt – 50mm



**Spike roller**

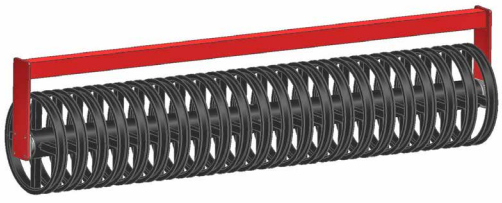


**Tyre roller Ø 670mm**
Wheels 26x12-12

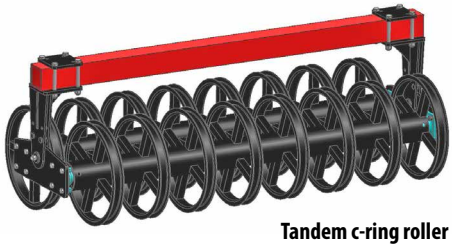
Bolt – 50mm



**Rubber roller Ø 530mm**

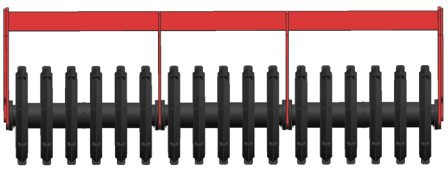


**C-ring roller Ø 540mm**



**Tandem c-ring roller Ø 540 mm**





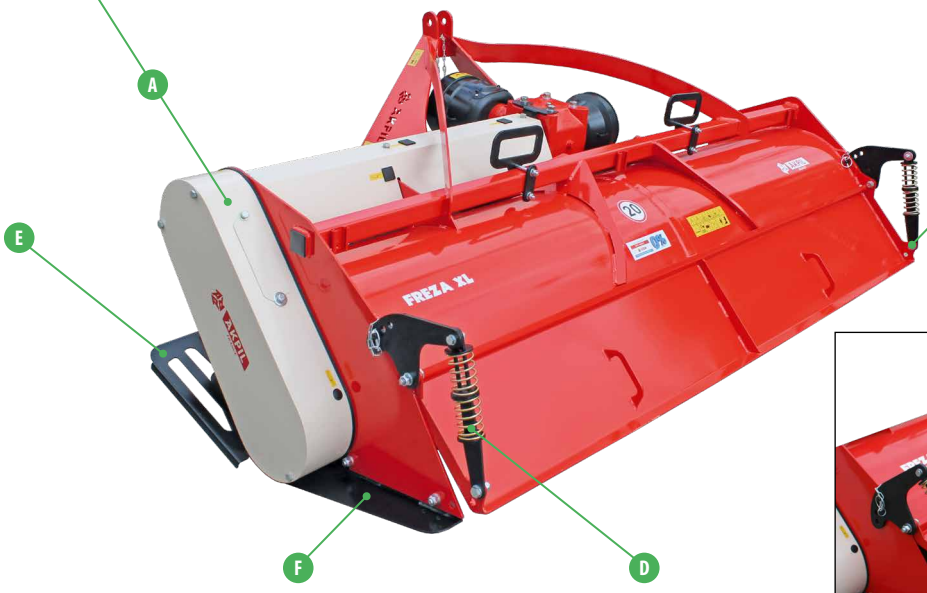
**Section rollers**







| | | | |
|---|---|---|---|
| [m] | 1.7 | 2.1 | 2.5 |
| [cm] | 15 | | |
| X | 27L+27R | 33L+33R | 39L+39R |
| [KM/kW] | 50/37 | 60/44 | 70/51 |
| kg | 480 | 530 | 580 |






## Standard:

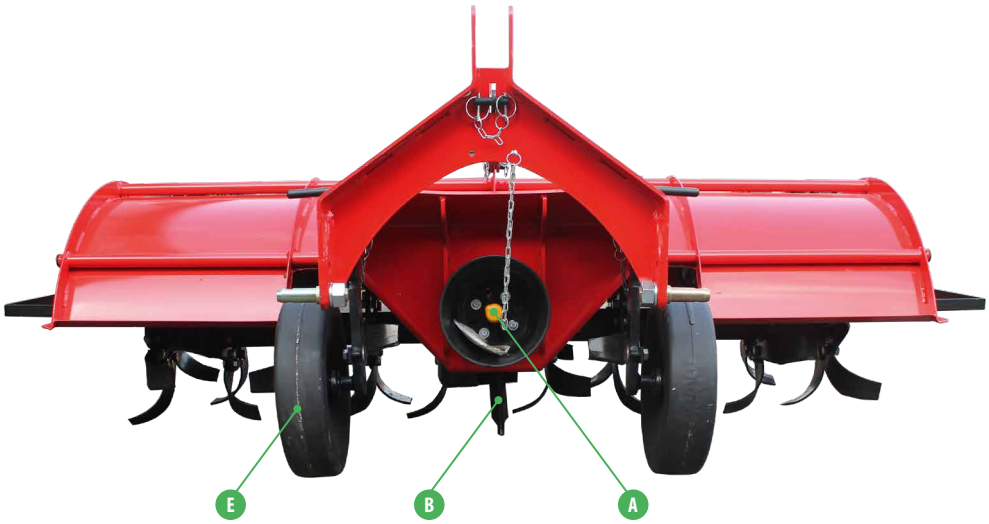
- side drive – chain transmission A
- automatic chain tensioner B
- mechanical gradual adjustment of the height of the housing C
- spring shock absorption of the housing D
- mechanical depth adjustment on the wheels,
- protective side and front barriers E
- sliding skids F
- "Cateloni Cardano" articulated shaft with a clutch
- coupling pins CAT. I and II.

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Upper coupling pin | SZ | |




| | |
|---|---|
| FREZAXL17 | |
| FREZAXL21 | |
| FREZAXL25 | |




| | | | | |
|---|---|---|---|---|
| [m] | 1.25 | 1.6 | 1.8 | 2.1 |
| [cm] | 15 | | | |
| X | 18L+18R | 24L+24R | 27L+27R | 30L+30R |
| [KM/kW] | 20/15 | 25/18 | 30/22 | 35/25 |
| kg | 295 | 315 | 345 | 350 |




**Standard:**

- central drive A
- central knife B
- protective side barriers C
- adjustable housing D
- copying metal wheels with depth adjustment E
- coupling cat I and II F





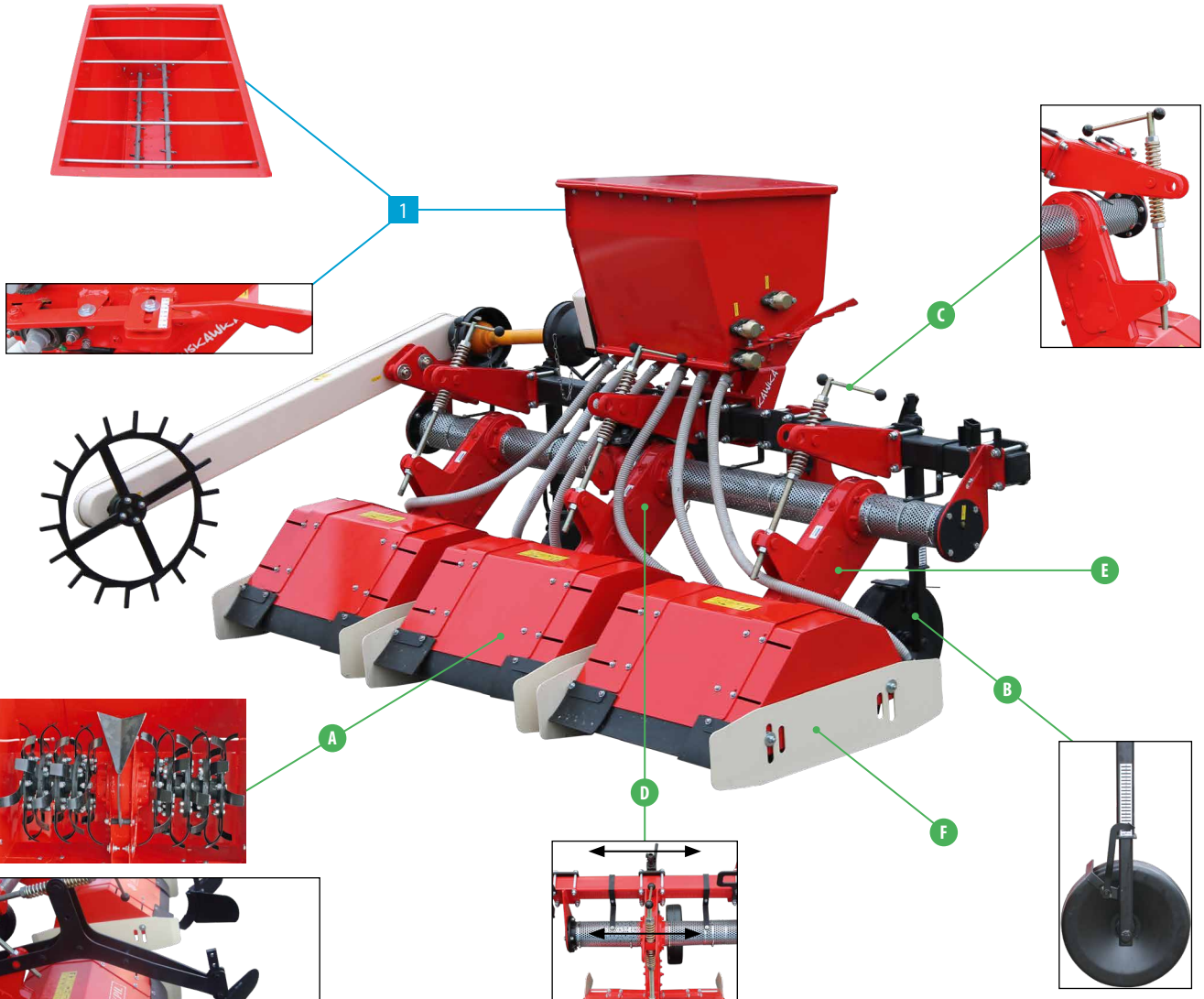

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | "CATTELONI CARDANO" articulated shaft | OP3.101.971.082 | |
| 2 | Upper coupling pin | SZ | |

| | |
|---|---|
| FREZA 125 | |
| FREZA 16 | |
| FREZA 18 | |
| FREZA 21 | |



| X | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| [cm] | 0-10 | | | |
| [cm] | 39, 42, 51, 54, 62, 64, 74, 76 (25,35 option) | | | |
| [cm] | 60 | | | |
| [KM/kW] | 60/22 | 90/29 | 120/37 | 150/44 |
| kg | 590 | 760 | 930 | 110 |
















## Standard:

- point section working width adjustment (disassembly of knife flanges) A
- smooth working depth adjustment on the wheels B
- smooth pressure adjustment of a section with a spring C
- smooth adjustment of each section on a frame (transverse) D
- drive – chain transmission E
- mobile side guards protecting the plants F
- possible disassembly of a section,
- smooth adjustment of the chain tensioner,
- coupling pins CAT. II,
- double-braided hydraulic hoses 330 bar,
- "CATTELONI CARDANO" wide-angle articulated shaft with a clutch

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Mechanically driven seed drill (cap. 150 L) | SM | |
| 2 | Mechanically driven stainless steel seed drill (cap. 150 L) | SMN | |
| 3 | Working set (shields, flanges, axes) from 25.35 cm working angle | Z25-35 | |
| 4 | Ridgers (per pc.) – smooth adjustment of pressure with a spring + working width adjustment | P | |
| 5 | simultaneous hydraulic inter-row guidance of all sections | HN | |
| 6 | Additional working section | DS | |
| 7 | Lower suspension longer by 10cm (increasing the length between the machine and the tractor) | Z10 | |
| 8 | Upper coupling pin | SZ | |

**We prepare the machines as specified by the client**

| | | |
|---|---|---|
| Rotary tiller, working width 76 cm (adjustment between 39-76 cm) - 2 sections – frame length 3 m | TRUSKAWKA 2 | |
| Rotary tiller, working width 76 cm (adjustment between 39-76 cm) - 3 sections – frame length 3 m | TRUSKAWKA 3 | |
| Rotary tiller, working width 76 cm (adjustment between 39-76 cm) - 4 sections – frame length 4 m | TRUSKAWKA 4 | |
| Rotary tiller, working width 76 cm (adjustment between 39-76 cm) - 5 sections – frame length 5 m | TRUSKAWKA 5 | |





| X | 8+ | 8+1 | 8+2 | 8+3 | 8+4 | 8+5 |
|---|---|---|---|---|---|---|
| [cm] | 36-40-44-48 (32-48 VARIO) | | | | | |
| [cm] | 95 | | | | | |
| [cm] | 82 | | | | | |
| [mm] | 250x250x10 | | | | | |
| | | | | | | |
| [KM/kW] | 320/235 | 360/264 | 400/294 | 440/323 | 480/352 | 520/382 |
| | 405-70 R20 | | | | | |
| kg | 5900 | 6150 | 6400 | 6650 | 6900 | 7200 |







**Standard outfit:**

- "JV43" plough body,
- support legs,
- transport & support wheel 405/70-20 – tyre width: 450 mm,
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. IV,
- ploughshare with share point, F
- double-braided hydraulic hoses: 330 bar,
- hydraulic height adjustment for transport & support wheels,
- hydraulically-swerved road wheels – joystick-operated L
- function of wheel return to straight-ahead position – joystick-operated,
- infinitely variable wheelbase, M
- hydraulic cylinder locks,
- hydraulic lock in transport position - automatic,
- toolbox,
- front and back LED lights,
- hydraulic accumulators of chassis actuators,
- required one pair of hydraulic outputs (VARIO - 3 pairs),
- break-off bolt protection against stones (MAXIMUS),
- hydraulic "NON-STOP" protection against stones (MAXIMUS HP).

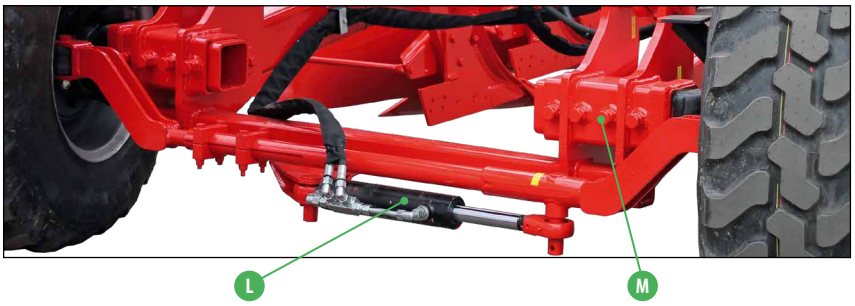
**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 15 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 16 | Ploughshare angle adjustment (per pair) | RK | |
| 17 | (+) 1 body extension - extends the plough with 1 additional MAXIMUS body | PMS | |
| 18 | (+) 1 body extension - 1 additional MAXIMUS VARIO body | PMSV | |
| 19 | (+) 1 body extension - 1 additional MAXIMUS HP body | PMHP | |
| 20 | (+) 1 body extension - 1 additional MAXIMUS HP VARIO body | PMHPV | |
| 21 | Hitch pins, CAT. III | K3 | |
| 22 | Pneumatic brakes | HP | |
| 23 | Hydraulic brakes | HH | |
| 24 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**

| **MAXIMUS** (plough body spacing: 95 cm) break-off bolt protection against stones. | |
|---|---|
| MAXIMUS 8+ | |
| MAXIMUS 8+1 | |
| MAXIMUS 8+2 | |
| MAXIMUS 8+3 | |
| MAXIMUS 8+4 | |
| MAXIMUS 8+5 | |

| **MAXIMUS VARIO** (plough body spacing: 95 cm) break-off bolt protection against stones. | |
|---|---|
| MAXIMUSV 8+ | |
| MAXIMUSV 8+1 | |
| MAXIMUSV 8+2 | |
| MAXIMUSV 8+3 | |
| MAXIMUSV 8+4 | |
| MAXIMUSV 8+5 | |




| **MAXIMUS HP** (plough body spacing: 95 cm) hydraulic "NON-STOP" protection against stones | |
|---|---|
| MAXIMUSHP 8+ | |
| MAXIMUSHP 8+1 | |
| MAXIMUSHP 8+2 | |
| MAXIMUSHP 8+3 | |
| MAXIMUSHP 8+4 | |
| MAXIMUSHP 8+5 | |

| **MAXIMUS HP VARIO** (plough body spacing: 95 cm) hydraulic "NON-STOP" protection against stones | |
|---|---|
| MAXIMUSHPV 8+ | |
| MAXIMUSHPV 8+1 | |
| MAXIMUSHPV 8+2 | |
| MAXIMUSHPV 8+3 | |
| MAXIMUSHPV 8+4 | |
| MAXIMUSHPV 8+5 | |





| X | 5+ | 5+1 | 5+2+ | 5+2+1 |
|---|---|---|---|---|
| [cm] | 36-40-44-48 (30-48 VARIO) | | | |
| [cm] | 105 | | | |
| [cm] | 82 | | | |
| [mm] | 160x160x10 | | | |
| | MAGNA | | MAGNA HP | |
| [KM/kW] | 180/132 | 210/154 | 245/180 | 280/205 |
| kg | 3650 | 3950 | 4250 | 4550 |
| kg | 2900 | 3200 | 3500 | 3800 |







**Standard outfit:**

- "JV43" plough body,
- support legs,
- transport & support wheel 600/50-22.5 – tyre width: 595 mm,
- hydraulic height adjustment for transport & support wheel,
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice,
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder locks,
- hydraulic lock in transport position - automatic,
- toolbox,
- front and back LED lights,
- chassis actuator hydraulic accumulator,
- required one pair of hydraulic outputs (VARIO - 3 pairs),
- break-off bolt protection against stones (MAGNA),
- hydraulic "NON-STOP" protection against stones (MAGNA HP).

| **MAGNA** (plough body spacing: 105 cm) break-off bolt protection against stones. | |
|---|---|
| MAGNA 5+ | |
| MAGNA 5+1 | |
| MAGNA 5+2+ | |
| MAGNA 5+2+1 | |

| **MAGNAVARIO** (plough body spacing: 105 cm) break-off bolt protection against stones. | |
|---|---|
| MAGNAV 5+ | |
| MAGNAV 5+1 | |
| MAGNAV 5+2+ | |
| MAGNAV 5+2+1 | |

| **MAGNA HP** (plough body spacing: 105 cm) hydraulic "NON-STOP" protection against stones | |
|---|---|
| MAGNAHP 5+ | |
| MAGNAHP 5+1 | |
| MAGNAHP 5+2+ | |
| MAGNAHP 5+2+1 | |

| **MAGNA HP VARIO** (plough body spacing: 105 cm) hydraulic "NON-STOP" protection against stones | |
|---|---|
| MAGNAHPV 5+ | |
| MAGNAHPV 5+1 | |
| MAGNAHPV 5+2+ | |
| MAGNAHPV 5+2+1 | |

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 15 | Plain pendulum disc coulter Ø 420 mm (per pair) - MAGNA. | KW | |
| 16 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair) - MAGNA HP. | KWS | |
| 17 | Ploughshare angle adjustment (per pair) | RK | |
| 18 | Beam for tillage tool with mechanical grab | BM | |
| 19 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 20 | Hydraulic adjustment of the first furrow-slice (additional requirement: one pair of hydraulic outputs) | HS | |
| 21 | Extension (+) 1 body - extending the plough with 1 additional MAGNA body | PMS | |
| 22 | (+) 1 body extension - 1 additional MAGNA VARIO body | PMSV | |
| 23 | (+) 1 body extension - 1 additional MAGNA HP body | PMHP | |
| 24 | (+(+) 1 body extension - 1 additional MAGNA HP VARIO body | PMHPV | |
| 25 | Hitch pins, CAT. IV, | K4 | |
| 26 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**





### Standard outfit:

- "JV43" plough body,
- turnover fixture axle Ø 110 mm,
- support leg,
- side support wheel 10.0/75-15.3 – tyre width: 270 mm, A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III,
- ploughshare with share point, F
- Hydraulic adjustment of the first furrow-slice
- transport position frame tilt actuator with memory, H
- transport position regulation system "HYDRO TRANS SETTING", I
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder locks,
- required one pair of hydraulic outputs (VARIO - 2 pairs),
- hydraulic "NON-STOP" protection against stones

| X | 4+ | 5+, (4+1) | 5+1, (6) |
|---|---|---|---|
| [cm] | 36-40-44-48 (32-50 VARIO) | | |
| [cm] | 95 / 105 | | |
| [cm] | 82 | | |
| [mm] | 160x160x10 | | |
| | | | |
| [KM/kW] | 145/106 | 180/132 | 215/158 |
| kg | 1800 | 2100 | 2400 |

| **HP XL** (plough body spacing: 95 cm) | |
|---|---|
| HPXL 4+ | |
| HPXL 4+1 | |
| HPXL 5+ | |
| HPXL 5+1 | |
| HPXL 6 | |

| **HP XL VARIO** (plough body spacing: 95 cm) | |
|---|---|
| HPXLV 4+ | |
| HPXLV 4+1 | |
| HPXLV 5+ | |
| HPXLV 5+1 | |
| HPXLV 6 | |

| **HP XL 105** (plough body spacing: 105 cm) | |
|---|---|
| HPXL105 4+ | |
| HPXL105 4+1 | |
| HPXL105 5+ | |
| HPXL105 5+1 | |
| HPXL105 6 | |

| **HP XL 105 VARIO** (plough body spacing: 105 cm) | |
|---|---|
| HPXL105V 4+ | |
| HPXL105V 4+1 | |
| HPXL105V 5+ | |
| HPXL105V 5+1 | |
| HPXL105V 6 | |

### Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 15 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 16 | Ploughshare angle adjustment (per pair) | RK | |
| 17 | Beam for tillage tool with mechanical grab | BM | |
| 18 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 19 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 20 | Side support wheel 10.0/75-15.3 with rear rotation mechanism (tyre width: 270 mm) – extra charge | KOT | |
| 21 | Rear transport & support wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge | KTT | |
| 22 | Wheel 340/55-16 (tyre width: 345 mm) - extra charge for wheel 10.0/75-15.3 (tyre width: 270 mm) | K16 | |
| 23 | Support wheel scrapers (Only standard) | SK | |
| 24 | (+) 1 body extension - 1 additional 95 cm body | PHPXL | |
| 25 | (+) 1 body extension - 1 additional 95 cm VARIO body | PHPXLV | |
| 26 | (+) 1 body extension - 1 additional 105 cm body | PHPXL1 | |
| 27 | (+) 1 body extension - 1 additional 105 cm VARIO body | PHPXLV1 | |
| 28 | LED road lights (at the back) | OL | |
| 29 | Spring-mounted support leg | SP | |
| 30 | Movable drawbar | BR | |
| 31 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



| X | 3+ | 4+, (3+1) | 4+1, (5) | 4+1+1, (6) |
|---|---|---|---|---|
| [cm] | 36-40-44-48 (32-48 VARIO) | | | |
| [cm] | 95 / 105 | | | |
| [cm] | 82 | | | |
| [mm] | 120x120x10 | | | |
| | | | | |
| [KM/kW] | 110/80 | 140/103 | 170/125 | 200/147 |
| kg | 1200 | 1450 | 1700 | 1950 |

## Standard outfit:

- "JV43" plough body,
- turnover fixture axle Ø 105 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm, A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- transport position frame tilt actuator with memory, H
- transport position regulation system "HYDRO TRANS SETTING", I
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder locks,
- required one pair of hydraulic outputs (VARIO - 2 pairs),
- hydraulic "NON-STOP" protection against stones

| **KM 180 HP** (plough body spacing: 95 cm) | |
|---|---|
| KM180HP 3+ | |
| KM180HP 3+1 | |
| KM180HP 4+ | |
| KM180HP 4+1 | |
| KM180HP 5+ | |
| KM180HP 5+1 | |
| KM180HP 4+1+1 | |
| KM180HP 6 | |

| **KM 180 HP VARIO**(plough body spacing: 95 cm) | |
|---|---|
| KM180HPV 3+ | |
| KM180HPV 3+1 | |
| KM180HPV 4+ | |
| KM180HPV 4+1 | |
| KM180HPV 5+ | |
| KM180HPV5+1 | |
| KM180HPV 4+1+1 | |
| KM180HPV 6 | |

| **KM 180 HP 105** (plough body spacing: 105 cm) | |
|---|---|
| KM180HP105 3+ | |
| KM180HP105 3+1 | |
| KM180HP105 4+ | |
| KM180HP105 4+1 | |
| KM180HP105 5+ | |
| KM180HP105 5+1 | |
| KM180HP105 4+1+1 | |
| KM180HP105 6 | |

| **KM 180 HP 105 VARIO** (plough body spacing: 105 cm) | |
|---|---|
| KM180HPV105 3+ | |
| KM180HPV105 3+1 | |
| KM180HPV105 4+ | |
| KM180HPV105 4+1 | |
| KM180HPV105 5+ | |
| KM180HPV105 5+1 | |
| KM180HPV105 4+1+1 | |
| KM180HPV105 6 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 15 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 16 | Ploughshare angle adjustment (per pair) | RK | |
| 17 | Beam for tillage tool with mechanical grab | BM | |
| 18 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 19 | Hydraulic cylinder of the first furrow-slice adjustment mechanism (required 1 pair of extra hydraulic outputs) | HS | |
| 20 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 21 | Side support wheel 10.0/80-12 with rear rotation mechanism – extra charge | KOT | |
| 22 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) – check it in your order form | KT | |
| 23 | Light rear transport & support wheel 10.0/80-12 - extra charge | KTTL | |
| 24 | Rear transport & support wheel 10.0/75-15.3 - extra charge | KTT | |
| 25 | Side support and transport wheel with rear rotation 10.0/75-15.3 (tire width 270 mm) additional charge | KTB | |
| 26 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 | K15 | |
| 27 | Wheel 340/55-16 (tyre width: 345 mm) - extra charge for wheel 10.0/80-12 | K16 | |
| 28 | Support wheel scrapers (Only standard) | SK | |
| 29 | (+) 1 body extension - 1 additional 95 cm body | P180HP | |
| 30 | (+) 1 body extension - 1 additional 95 cm VARIO body | P180HPV | |
| 31 | (+) 1 body extension - 1 additional 105 cm body | P180HP1 | |
| 32 | (+) 1 body extension - 1 additional 105 cm VARIO body | P180HPV1 | |
| 33 | Hitch pins, CAT. III | K3 | |
| 34 | LED road lights (at the back) | OL | |
| 35 | Spring-mounted support leg (except for version 3+) | SP | |
| 36 | Movable drawbar | BR | |
| 37 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



**Standard outfit:**

- "JV40" plough body,
- turnover fixture axle Ø 95 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm (version 2+: rear support wheel), A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. II,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- SETTING regulation system, J
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder lock,
- required 1 pair of hydraulic outputs,
- hydraulic "NON-STOP" protection against stones

| X | 2+ | 3+, (2+1) | 3+1 |
|---|---|---|---|
| [cm] | 28-32-36-40-44 | | |
| [cm] | 85 / 95 / 105 | | |
| [cm] | 78 / 82 | | |
| [mm] | 120x120x8 | | |
| | | | |
| [KM/kW] | 70/51 | 90/66 | 120/88 |
| kg | 900 | 1100 | 1300 |

| **KM 80 HP**(plough body spacing: 85 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80HP 2+ | |
| KM80HP 2+1 | |
| KM80HP3+ | |
| KM80HP3+1 | |

| **KM 80 HP**(plough body spacing: 105 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80HP105 2+ | |
| KM80HP105 2+1 | |
| KM80HP105 3+ | |
| KM80HP105 3+1 | |

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | "JV43" plough body - extra charge per pair | JV43 | |
| 2 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 3 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 4 | "BAVARIA" plough body - extra charge per pair | B | |
| 5 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 6 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 7 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 8 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 9 | Skimmer (per pair) | P | |
| 10 | "RA" skimmer (per pair) | PRA | |
| 11 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 12 | Pad-welded share point - extra charge per pair | DN | |
| 13 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard. | PA | |
| 14 | Knife coulter (per pair) | KL | |
| 15 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 16 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 17 | Ploughshare angle adjustment (per pair) | RK | |
| 18 | Beam for tillage tool with mechanical grab | BM | |
| 19 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 20 | Frame – tilting and transport actuator with memory cube (not used in version with skimmers) only version 3+ i 3+1 | SR | |
| 21 | Frame – tilting and transport actuator (not used in version with skimmers) only version 3+ i 3+1 | SR2 | |
| 22 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 23 | Side support wheel 10.0/80-12 with rear rotation mechanism (tyre width: 265 mm) – extra charge | KOT | |
| 24 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) (check it in your order form) (2-furrow version in standard configuration) | KT | |
| 25 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 26 | Support wheel scrapers | SK | |
| 27 | (+) 1 body extension - 1 additional 85-78 cm body | PH85/78 | |
| 28 | (+) 1 body extension - 1 additional 105-78 cm body | PH105/78 | |
| 29 | Hitch pins, CAT. III | K3 | |
| 30 | LED road lights (at the back) | OL | |
| 31 | Movable drawbar | BR | |
| 32 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



## Standard outfit:

- "JV43" plough body,
- turnover fixture axle Ø 105 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm, A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- transport position frame tilt actuator with memory, H
- transport position regulation system "HYDRO TRANS SETTING",
- multifunction wrench, I
- double-braided hydraulic hoses: 330 bar, K
- hydraulic cylinder locks,
- required one pair of hydraulic outputs (VARIO - 2 pairs),
- spring-operated "NON-STOP" protection against stones (7 spring leaves).

| X | 3+ | 4+, (3+1) | 4+1, (5) | 4+1+1, (6) |
|---|---|---|---|---|
| [cm] | 36-40-44-48 (32-48 VARIO) | | | |
| [cm] | 95 / 105 | | | |
| [cm] | 82 | | | |
| [mm] | 120x120x10 | | | |
| | x 7 | | | |
| [KM/kW] | 110/80 | 140/103 | 170/125 | 200/147 |
| kg | 1200 | 1450 | 1700 | 1950 |

| **KM 180 R** (plough body spacing: 95 cm) | |
|---|---|
| KM180R3+ | |
| KM180R 3+1 | |
| KM180R4+ | |
| KM180R 4+1 | |
| KM180R 5+ | |
| KM180R5+1 | |
| KM180R 4+1+1 | |
| KM180R 6 | |

| **KM 180 R VARIO** (plough body spacing: 95 cm) | |
|---|---|
| KM180RV 3+ | |
| KM180RV 3+1 | |
| KM180RV 4+ | |
| KM180RV 4+1 | |
| KM180RV 5+ | |
| KM180RV 5+1 | |
| KM180RV 4+1+1 | |
| KM180RV 6 | |

| **KM 180 R 105** (plough body spacing: 105 cm) | |
|---|---|
| KM180R105 3+ | |
| KM180R105 3+1 | |
| KM180R105 4+ | |
| KM180R105 4+1 | |
| KM180R105 5+ | |
| KM180R105 5+1 | |
| KM180R105 4+1+1 | |
| KM180R105 6 | |

| **KM 180 R 105 VARIO** (plough body spacing: 105 cm) | |
|---|---|
| KM180RV105 3+ | |
| KM180RV105 3+1 | |
| KM180RV105 4+ | |
| KM180RV105 4+1 | |
| KM180RV105 5+ | |
| KM180RV105 5+1 | |
| KM180RV105 4+1+1 | |
| KM180RV105 6 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) – extra charge to standard coulter price | KZ | |
| 15 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 16 | Ploughshare angle adjustment (per pair) | RK | |
| 17 | Beam for tillage tool with mechanical grab | BM | |
| 18 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 19 | Hydraulic cylinder of the first furrow-slice adjustment mechanism (additional requirement: one pair of hydraulic outputs) | HS | |
| 20 | Hydraulic depth adjustment for standard wheel | HRK | |
| 21 | Side support wheel 10.0/80-12 with rear rotation mechanism – extra charge | KOT | |
| 22 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) – check it in your order form | KT | |
| 23 | Light rear transport & support wheel 10.0/80-12 - extra charge | KTTL | |
| 24 | Rear transport & support wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge | KTT | |
| 25 | Side support and transport wheel with rear rotation 10.0/75-15.3 (tire width 270 mm) additional charge | KTB | |
| 26 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 | K15 | |
| 27 | Wheel 340/55-16 (tyre width: 345 mm) - extra charge for wheel 10.0/80-12 | K16 | |
| 28 | Support wheel scrapers (Only standard) | SK | |
| 29 | (+) 1 body extension - 1 additional 95 cm body | P180R | |
| 30 | (+) 1 body extension - 1 additional 95 cm VARIO body | P180RV | |
| 31 | (+) 1 body extension - 1 additional 105 cm body | P180R1 | |
| 32 | (+) 1 body extension - 1 additional 105 cm VARIO body | P180RV1 | |
| 33 | Hitch pins, CAT. II | K2 | |
| 34 | Spring reinforcement with 2 extra leaves (9 leaves per plough body, instead of 7) | R9 | |
| 35 | LED road lights (at the back) | OL | |
| 36 | Spring-mounted support leg (except for version 3+) | SP | |
| 37 | Movable drawbar | BR | |
| 38 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**





| X | 2+ | 3+, (2+1) | 3+1 |
|---|---|---|---|
| [cm] | 28-32-36-40-44 | | |
| [cm] | 85 / 95 / 105 | | |
| [cm] | 78 / 82 | | |
| [mm] | 120x120x8 | | |
| | x 5 | | |
| [KM/kW] | 70/51 | 90/66 | 120/88 |
| kg | 900 | 1100 | 1300 |

## Standard outfit:

- "JV40" plough body,
- turnover fixture axle Ø 95 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm (version 2+: rear support wheel), A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. II,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- SETTING regulation system, J
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder lock,
- required 1 pair of hydraulic outputs,
- spring-operated "NON-STOP" protection against stones (5 spring leaves).

| **KM 80 R** (plough body spacing: 85 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80R 2+ | |
| KM80R 2+1 | |
| KM80R 3+ | |
| KM80R 3+1 | |

| **KM 80 R** (plough body spacing: 105 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80R105 2+ | |
| KM80R105 2+1 | |
| KM80R105 3+ | |
| KM80R105 3+1 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "JV43" plough body - extra charge per pair | JV43 | |
| 2 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 3 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 4 | "BAVARIA" plough body - extra charge per pair | B | |
| 5 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 6 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 7 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 8 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 9 | Skimmer (per pair) | P | |
| 10 | "RA" skimmer (per pair) | PRA | |
| 11 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 12 | Pad-welded share point - extra charge per pair | DN | |
| 13 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard. | PA | |
| 14 | Knife coulter (per pair) | KL | |
| 15 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 16 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 17 | Ploughshare angle adjustment (per pair) | RK | |
| 18 | Beam for tillage tool with mechanical grab | BM | |
| 19 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 20 | Frame – tilting and transport actuator with memory cube (not used in version with skimmers) only version 3+ i 3+1 | SR | |
| 21 | Frame – tilting and transport actuator (not used in version with skimmers) only version 3+ i 3+1 | SR2 | |
| 22 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 23 | Side support wheel 10.0/80-12 with rear rotation mechanism (tyre width: 265 mm) – extra charge | KOT | |
| 24 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) (check it in your order form) (2-furrow version in standard configuration) | KT | |
| 25 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 26 | Support wheel scrapers | SK | |
| 27 | (+) 1 body extension - 1 additional 85-78 cm body | PR85/78 | |
| 28 | (+) 1 body extension - 1 additional 105-78 cm body | PR105/78 | |
| 29 | Hitch pins, CAT. III | K3 | |
| 30 | Spring reinforcement with 2 extra leaves (7 leaves per plough body, instead of 5) | R7 | |
| 31 | Spring reinforcement with 2 extra leaves (9 leaves per plough body, instead of 5) | R9 | |
| 32 | LED road lights (at the back) | OL | |
| 33 | Movable drawbar | BR | |
| 34 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



## Standard outfit:

- "BAVARIA" plough body,
- turnover fixture axle Ø 110 mm,
- support leg,
- side support wheel 10.0/75-15.3 – tyre width: 270 mm, A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- transport position frame tilt actuator with memory, H
- transport position regulation system "HYDRO TRANS SETTING", I
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder locks,
- required one pair of hydraulic outputs (VARIO - 2 pairs),
- break-off bolt protection against stones.

| X | 3+ | 4+ (3+1) | 5+, (4+1) | 5+1, (4+1+1), (6) |
|---|---|---|---|---|
| [cm] | 41-46-51-56 (41-56 VARIO) | | | |
| [cm] | 95 / 105 | | | |
| [cm] | 85 | | | |
| [mm] | 160x160x10 | | | |
| | | | | |
| [KM/kW] | 130/96 | 160/117 | 200/147 | 240/176 |
| kg | 1400 | 1600 | 1900 | 2200 |

| **VIKING** (plough body spacing: 95 cm) | |
|---|---|
| VIKING 3+ | |
| VIKING 3+1 | |
| VIKING 4+ | |
| VIKING 4+1 | |
| VIKING 5+ | |
| VIKING 5+1 | |
| VIKING 4+1+1 | |
| VIKING 6 | |

| **VIKING VARIO** (plough body spacing: 95 cm) | |
|---|---|
| VIKINGV 3+ | |
| VIKINGV 3+1 | |
| VIKINGV 4+ | |
| VIKINGV 4+1 | |
| VIKINGV 5+ | |
| VIKINGV 5+1 | |
| VIKINGV 4+1+1 | |
| VIKINGV 6 | |

| **VIKING** (plough body spacing: 105 cm) | |
|---|---|
| VIKING105 3+ | |
| VIKING105 3+1 | |
| VIKING105 4+ | |
| VIKING105 4+1 | |
| VIKING105 5+ | |
| VIKING105 5+1 | |
| VIKING105 4+1+1 | |
| VIKING105 6 | |

| **VIKING VARIO** (plough body spacing: 105 cm) | |
|---|---|
| VIKINGV105 3+ | |
| VIKINGV105 3+1 | |
| VIKINGV105 4+ | |
| VIKINGV105 4+1 | |
| VIKINGV105 5+ | |
| VIKINGV105 5+1 | |
| VIKINGV105 4+1+1 | |
| VIKINGV105 6 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 3 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 4 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 5 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 6 | Skimmer (per pair) | P | |
| 7 | "RA" skimmer (per pair) | PRA | |
| 8 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 9 | Pad-welded share point - extra charge per pair | DN | |
| 10 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 11 | Knife coulter (per pair) | KL | |
| 12 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 13 | Plain coulter disc Ø 525 mm (per pair) | KG5 | |
| 14 | Notched coulter disc Ø 525 mm (per pair) | KZ5 | |
| 15 | Plain pendulum disc coulter Ø 420 mm (per pair) | KW | |
| 16 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 17 | Ploughshare angle adjustment (per pair) | RK | |
| 18 | Beam for tillage tool with mechanical grab | BM | |
| 19 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 20 | Hydraulic cylinder of the first furrow-slice adjustment mechanism (required 1 pair of extra hydraulic outputs) | HS | |
| 21 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 22 | Side support wheel 10.0/75-15.3 with rear rotation mechanism (tyre width: 270 mm) – extra charge | KOT | |
| 23 | Rear transport & support wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge | KTT | |
| 24 | Wheel 340/55-16 (tyre width: 345 mm) - extra charge for wheel 10.0/75-15.3 (tyre width: 270 mm) | K16 | |
| 25 | Support wheel scrapers | SK | |
| 26 | (+) 1 body extension - 1 additional 95 cm body | PVIK | |
| 27 | (+) 1 body extension - 1 additional 95 cm VARIO body | PVIKV | |
| 28 | (+) 1 body extension - 1 additional 105 cm body | PVIK1 | |
| 29 | (+) 1 body extension - 1 additional 105 cm VARIO body | PVIKV1 | |
| 30 | LED road lights (at the back) | OL | |
| 31 | Spring-mounted support leg | SP | |
| 32 | Movable drawbar | BR | |
| 33 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



## Standard outfit:

- "JV43" plough body,
- turnover fixture axle Ø 105 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm, A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- Mouldboard extensions, D
- sliding plate (pair), E
- Hitch pins, CAT. III
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- transport position frame tilt actuator with memory, H
- "HYDRO TRANS SETTING" transport position regulation system, I
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder locks,
- required one pair of hydraulic outputs (VARIO - 2 pairs),
- break-off bolt protection against stones.



| X | 3+ | 4+, (3+1) | 4+1, (5) | 4+1+1, (6) |
|---|---|---|---|---|
| [cm] | 36-40-44-48 (32-48 VARIO) | | | |
| [cm] | 95 / 105 | | | |
| [cm] | 82 | | | |
| [mm] | 120x120x10 | | | |
| | | | | |
| [KM/kW] | 110/80 | 130/95 | 160/117 | 180/132 |
| kg | 1100 | 1300 | 1500 | 1700 |

| **KM 180** (plough body spacing: 95 cm) | |
|---|---|
| KM1803+ | |
| KM180 3+1 | |
| KM1804+ | |
| KM180 4+1 | |
| KM180 5+ | |
| KM180 5+1 | |
| KM180 4+1+1 | |
| KM180 6 | |

| **KM 180 VARIO**(plough body spacing: 95 cm) | |
|---|---|
| KM180V 3+ | |
| KM180V 3+1 | |
| KM180V4+ | |
| KM180V 4+1 | |
| KM180V 5+ | |
| KM180V 5+1 | |
| KM180V 4+1+1 | |
| KM180V 6 | |

| **KM 180,105** (plough body spacing: 105 cm) | |
|---|---|
| KM1803+ | |
| KM180 3+1 | |
| KM1804+ | |
| KM180 4+1 | |
| KM180 5+ | |
| KM1805+1 | |
| KM180 4+1+1 | |
| KM180 6 | |

| **KM 180 105 VARIO** (plough body spacing: 105 cm) | |
|---|---|
| KM180V 3+ | |
| KM180V 3+1 | |
| KM180V 4+ | |
| KM180V 4+1 | |
| KM180V 5+ | |
| KM180V 5+1 | |
| KM180V 4+1+1 | |
| KM180V 6 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard (per pair) | DW | |
| 3 | "BAVARIA" plough body - extra charge per pair | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 7 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 8 | Skimmer (per pair) | P | |
| 9 | "RA" skimmer (per pair) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 11 | Pad-welded share point - extra charge per pair | DN | |
| 12 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard.) | PA | |
| 13 | Knife coulter (per pair) | KL | |
| 14 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 15 | Plain coulter disc Ø 525 mm (per pair) | KG5 | |
| 16 | Notched coulter disc Ø 525 mm (per pair) | KZ5 | |
| 17 | Plain pendulum disc coulter Ø 420 mm (per pair) | KW | |
| 18 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 19 | Ploughshare angle adjustment (per pair) | RK | |
| 20 | Beam for tillage tool with mechanical grab | BM | |
| 21 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 22 | Hydraulic cylinder of the first furrow-slice adjustment mechanism (additional requirement: one pair of hydraulic outputs) | HS | |
| 23 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 24 | Side support wheel 10.0/80-12 with rear rotation mechanism (tyre width: 265 mm) – extra charge | KOT | |
| 25 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) – check it in your order form | KT | |
| 26 | Light rear transport & support wheel 10.0/80-12 (tyre width: 265 mm) - extra charge | KTTL | |
| 27 | Rear transport & support wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge | KTT | |
| 28 | Side support and transport wheel with rear rotation 10.0/75-15.3 (tire width 270 mm) additional charge | KTB | |
| 29 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 30 | Wheel 340/55-16 (tyre width: 345 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K16 | |
| 31 | Support wheel scrapers | SK | |
| 32 | (+) 1 body extension - 1 additional 95 cm body | P180 | |
| 33 | (+) 1 body extension - 1 additional 95 cm VARIO body | P180V | |
| 34 | (+) 1 body extension - 1 additional 105 cm body | P1801 | |
| 35 | (+) 1 body extension - 1 additional 105 cm VARIO body | P180V1 | |
| 36 | LED road lights (at the back) | OL | |
| 37 | Spring-mounted support leg (except for version 3+) | SP | |
| 38 | Movable drawbar | BR | |
| 39 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**



## Standard outfit:

- "JV40" plough body,
- turnover fixture axle Ø 95 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm (version 2+: rear support wheel),
- wheel suspension shock-absorber
- trash boards (not used together with the skimmers),
- Mouldboard extensions,
- sliding plate (pair),
- Hitch pins, CAT. II,
- ploughshare with share point,
- mechanical adjustment of the first furrow-slice,
- SETTING regulation system,
- multifunction wrench,
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder lock,
- required 1 pair of hydraulic outputs,
- break-off bolt protection against stones.

| X | 2+ | 3+, (2+1) | 3+1 |
|---|---|---|---|
| [cm] | 28-32-36-40-44 | | |
| [cm] | 85 / 95 / 105 | | |
| [cm] | 78 / 82 | | |
| [mm] | 120x120x8 | | |
| | | | |
| [KM/kW] | 60/44 | 80/59 | 110/81 |
| kg | 800 | 1000 | 1200 |

| **KM 80** (plough body spacing: 85 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80 2+ | |
| KM80 2+1 | |
| KM80 3+ | |
| KM80 3+1 | |

| **KM 80**(plough body spacing: 105 cm) (clearance under the frame: 78 cm) | |
|---|---|
| KM80105 2+ | |
| KM80105 2+1 | |
| KM80105 3+ | |
| KM80105 3+1 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "JV43" plough body - extra charge per pair | JV43 | |
| 2 | "SCANDINAVIA" plough body - extra charge per pair | S | |
| 3 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per pair | DW | |
| 4 | "BAVARIA" plough body - extra charge per pair | B | |
| 5 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per pair | F | |
| 6 | Plastic "FINLAND" mouldboard shin - extra charge per pair | PF | |
| 7 | Slatted "JV43-A" plough body - extra charge per pair | A | |
| 8 | Slatted mouldboard "BAVARIA A" (per pair) extra charge | AB | |
| 9 | Skimmer (per pair) | P | |
| 10 | "RA" skimmer (per pair) | PRA | |
| 11 | "SCANDINAVIA" skimmer (per pair) | PSC | |
| 12 | Pad-welded share point - extra charge per pair | DN | |
| 13 | Sliding plate (per pair) (One pair in standard configuration, except for "SCANDINAVIA" mouldboard. | PA | |
| 14 | Knife coulter (per pair) | KL | |
| 15 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 16 | Plain coulter disc Ø 525 mm (per pair) | KG5 | |
| 17 | Notched coulter disc Ø 525 mm (per pair) | KZ5 | |
| 18 | Plain pendulum disc coulter Ø 420 mm (per pair) - cannot be mounted on the 1st body NO POSSIBILITY OF ASSEMBLY ON 1 BODY) | KW | |
| 19 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair) - cannot be mounted on the 1st body (NO POSSIBILITY OF ASSEMBLY ON 1 BODY) | KWS | |
| 20 | Ploughshare angle adjustment (per pair) - | RK | |
| 21 | Beam for tillage tool with mechanical grab | BM | |
| 22 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 23 | Frame – tilting and transport actuator with memory cube (not used in version with skimmers) only version 3+ i 3+1 | SR | |
| 24 | Frame – tilting and transport actuator (not used in version with skimmers) only version 3+ i 3+1 | SR2 | |
| 25 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 26 | Side support wheel 10.0/80-12 with rear rotation mechanism (tyre width: 265 mm) – extra charge | KOT | |
| 27 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) (check it in your order form) (2-furrow version in standard configuration) | KT | |
| 28 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 29 | Support wheel scrapers | SK | |
| 30 | (+) 1 body extension - 1 additional 85-78 cm body | P85/78 | |
| 31 | (+) 1 body extension - 1 additional 105-78 cm body | P105/78 | |
| 32 | Hitch pins, CAT. III | K3 | |
| 33 | LED road lights (at the back) | OL | |
| 34 | Movable drawbar | BR | |
| 35 | Upper coupling pin | SZ | |

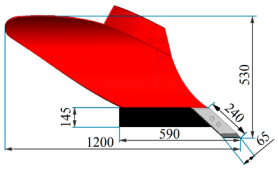
**Photos of the above optional accessories elements are presented on pages 100 through 109**



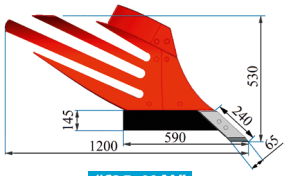




| X | 2+ | 3+, (2+1) | 3+1 |
|---|---|---|---|
| [cm] | 25-30-33-37-40 | | |
| [cm] | 85 | | |
| [cm] | 78 | | |
| [mm] | 120x100x8 | | |
| | | | |
| [KM/kW] | 50 | 70 | 90 |
| kg | 600 | 750 | 900 |




"C35-40L"




"C35-40AL"



"PM"

**Standard outfit:**

- "C35-40L" plough body,
- turnover fixture axle Ø 85 mm,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm (version 2+: rear support wheel), A
- wheel suspension shock-absorber B
- trash boards (not used together with the skimmers), C
- sliding plate (pair), E
- Hitch pins, CAT. II i III,
- ploughshare with share point, F
- mechanical adjustment of the first furrow-slice, G
- SETTING regulation system, J
- multifunction wrench, K
- double-braided hydraulic hoses: 330 bar,
- hydraulic cylinder lock,
- required 1 pair of hydraulic outputs,
- break-off bolt protection against stones.

| | |
|---|---|
| MIXDUE 2+ | |
| MIXDUE 2+1 | |
| MIXDUE 3+ | |
| MIXDUE 3+1 | |

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Slatted "C35-40AL" plough body - extra charge per pair | C35-40AL | |
| 2 | Skimmer (per pair) | PM | |
| 3 | Notched coulter disc Ø 420mm (per pair) | KZ | |
| 4 | Plain coulter disc Ø 525 mm (per pair) | KG5 | |
| 5 | Notched coulter disc Ø 525 mm (per pair) | KZ5 | |
| 6 | Plain pendulum disc coulter Ø 420 mm (per pair) | KW | |
| 7 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per pair). | KWS | |
| 8 | Beam for tillage tool with mechanical grab | BM | |
| 9 | Beam for tillage tool with hydraulic grab (additional requirement: one pair of hydraulic outputs) | BH | |
| 10 | Hydraulic depth regulation of standard wheel (additional requirement: one pair of hydraulic outputs) | HRK | |
| 11 | Side support wheel 10.0/80-12 with rear rotation mechanism (tyre width: 265 mm) – extra charge | KOT | |
| 12 | Rear support wheel 10.0/80-12 (tyre width: 265 mm) (check it in your order form) (2-furrow version in standard configuration) | KT | |
| 13 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 14 | Support wheel scrapers | SK | |
| 15 | (+) 1 body extension - extending the plough with 1 additional 105cm body | PMD | |
| 16 | Pad-welded share point - extra charge per pair | DN | |
| 17 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**





| X | 3+ | 3+1(4+) | 4+1 | 4+2 | 4+2+1 |
|---|---|---|---|---|---|
| [cm] | 32-36-40-44-48 | | | | |
| [cm] | 85 | | | | |
| [cm] | 78 | | | | |
| [mm] | 120x120x8 | | | | |
| | x 5 | | | | |
| [KM/kW] | 75/55 | 100/73 | 125/92 | 150/110 | 175/129 |
| kg | 870 | 1055 | 1240 | 1420 | 1600 |

## Standard outfit:

- "JV43" plough body,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm,
- trash boards (not used together with the skimmers),
- Mouldboard extensions,
- sliding plate (1 piece),
- Hitch pins, CAT. III,
- ploughshare with share point,
- mechanical adjustment of the first furrow-slice,
- SETTING regulation system,
- multifunction wrench,
- hydraulic two-wire braided hose 330 bar (if any),
- transport actuator (standard outfit in 4+2 and 4+2+1 configurations; required one pair of extra hydraulic outputs),
- spring-operated "NON-STOP" protection against stones (5 spring leaves).

| | |
|---|---|
| KMJ-R 3+ | |
| KMJ-R 3+1 | |
| KMJ-R 4+ | |
| KMJ-R 4+1 | |
| KMJ-R 4+2 | |
| KMJ-R 4+2+1 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | SCANDINAVIA" plough body - extra charge per piece | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per piece | DW | |
| 3 | "BAVARIA" plough body - extra charge per piece | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per piece | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per piece | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per piece | A | |
| 7 | Slatted "BAVARIA A" plough body - extra charge per piece | AB | |
| 8 | Skimmer (piece) | P | |
| 9 | "RA" skimmer (per piece) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per piece)" | PSC | |
| 11 | Pad-welded share point (per piece) | DN | |
| 12 | Sliding plate (per piece).One plate in standard configuration, except for "SCANDINAVIA" mouldboard. | PA | |
| 13 | Knife coulter (per piece) | KL | |
| 14 | Notched coulter disc Ø 420 mm (per piece) | KZ | |
| 15 | Plain coulter disc Ø 525 mm (per piece) | KG5 | |
| 16 | Notched coulter disc Ø 525 mm (per piece) | KZ5 | |
| 17 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per piece). | KWS | |
| 18 | Ploughshare angle adjustment (per piece) | RK | |
| 19 | Mechanically-operated beam for tillage tool | BM | |
| 20 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 21 | Wheel scraper | SK | |
| 22 | (+) 1 body extension - extending the plough with 1 additional 105cm body | PKMJR1 | |
| 23 | (+) 2 bodies extension – 2 additional bodies | PKMJR2 | |
| 24 | LED road lights (at the back) | OL | |
| 25 | Hitch pins, CAT. II | K2 | |
| 26 | Spring reinforcement with 2 extra leaves (7 leaves per plough body, instead of 5) | R7 | |
| 27 | Spring reinforcement with 2 extra leaves (9 leaves per plough body, instead of 5) | R9 | |
| 28 | Transport actuator for 4+ and 4+1 configurations (it is standard outfit in 4+2 and 4+2+1 configurations) (required one pair of extra hydraulic outputs) | ST | |
| 29 | Upper coupling pin | SZ | |

**Photos of the above optional accessories elements are presented on pages 100 through 109**





| X | 3+ | 3+1(4+) | 4+1 | 4+2 | 4+2+1 |
|---|---|---|---|---|---|
| [cm] | 32-36-40-44-48 | | | | |
| [cm] | 85 | | | | |
| [cm] | 78 | | | | |
| [mm] | 120x120x8 | | | | |
| | | | | | |
| [KM/kW] | 70/51 | 90/66 | 110/88 | 130/95 | 160/117 |
| kg | 625 | 745 | 860 | 1050 | 1200 |

**Standard outfit:**

- "JV43" plough body,
- support leg,
- side support wheel 10.0/80-12 – tyre width: 265 mm,
- trash boards (not used together with the skimmers),
- Mouldboard extensions, C
- sliding plate (1 piece), D
- Hitch pins, CAT. III, E
- ploughshare with share point,
- mechanical adjustment of the first furrow-slice, F
- SETTING regulation system, G
- multifunction wrench, J
- hydraulic two-wire braided links 330 bar (if any), K
- transport actuator (standard outfit in 4+2 and 4+2+1 configurations; required one pair of extra hydraulic outputs),
- break-off bolt protection against stones.

| | |
|---|---|
| KMJ 3+ | |
| KMJ 3+1 | |
| KMJ 4+ | |
| KMJ 4+1 | |
| KMJ 4+2 | |
| KMJ 4+2+1 | |

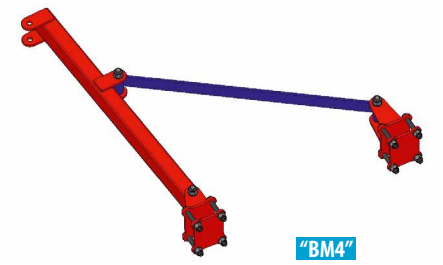
**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | "SCANDINAVIA" plough body - extra charge per piece | S | |
| 2 | Additional mouldboard prop for "SCANDINAVIA" mouldboard - extra charge per piece | DW | |
| 3 | "BAVARIA" plough body - extra charge per piece | B | |
| 4 | Plastic "FINLAND" plough body with steel mouldboard shin - extra charge per piece | F | |
| 5 | Plastic "FINLAND" mouldboard shin - extra charge per piece | PF | |
| 6 | Slatted "JV43-A" plough body - extra charge per piece | A | |
| 7 | Slatted "BAVARIA A" plough body - extra charge per piece | AB | |
| 8 | Skimmer (piece) | P | |
| 9 | "RA" skimmer (per piece) | PRA | |
| 10 | "SCANDINAVIA" skimmer (per piece)" | PSC | |
| 11 | Pad-welded share point (per piece) | DN | |
| 12 | Sliding plate (per piece).One plate in standard configuration, except for "SCANDINAVIA" mouldboard. | PA | |
| 13 | Knife coulter (per piece) | KL | |
| 14 | Notched coulter disc Ø 420 mm (per piece) | KZ | |
| 15 | Plain coulter disc Ø 525 mm (per piece) | KG5 | |
| 16 | Notched coulter disc Ø 525 mm (per piece) | KZ5 | |
| 17 | Plain pendulum disc coulter Ø 420 mm (per piece) | KW | |
| 18 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per piece). | KWS | |
| 19 | Ploughshare angle adjustment (per piece) | RK | |
| 20 | Mechanically-operated beam for tillage tool | BM | |
| 21 | Wheel 10.0/75-15.3 (tyre width: 270 mm) - extra charge for wheel 10.0/80-12 (tyre width: 265 mm) | K15 | |
| 22 | Wheel scraper | SK | |
| 23 | (+) 1 body extension - extending the plough with 1 additional body | PKMJ1 | |
| 24 | (+) 1 body extension - extending the plough with 2 additional bodies | PKMJ2 | |
| 25 | LED road lights (at the back) | OL | |
| 26 | Hitch pins, CAT. II | K2 | |
| 27 | Transport actuator for 4+ and 4+1 configurations (it is standard outfit in 4+2 and 4+2+1 configurations) (required one pair of extra hydraulic outputs) | ST | |
| 28 | Upper coupling pin | SZ | |

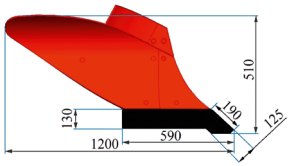
**Photos of the above optional accessories elements are presented on pages 100 through 109**



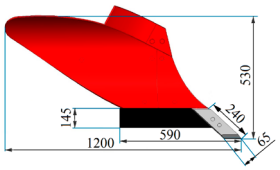

"PM"


"BM4"

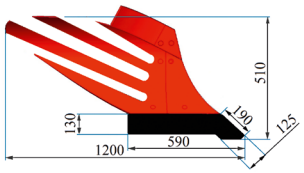
| X | 3+ | 4+, (3+1) | 4+1 |
|---|---|---|---|
| [cm] | 30-33-37-40 | | |
| [cm] | 85 | | |
| [cm] | 75 | | |
| [mm] | 120x100x8 | | |
| | | | |
| [KM/kW] | 60/44 | 80/59 | 100/73 |
| kg | 470 | 550 | 630 |



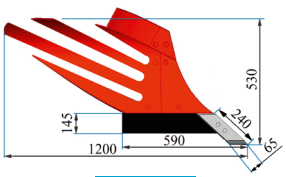
"C35-40"



"C35-40L"



"C35-40A"



"C35-40AL"

## Standard outfit:

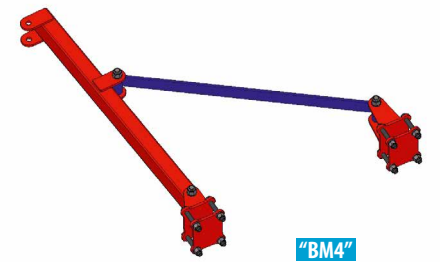
- "C35-40" plough body,
- side support wheel 10.0/80-12 – tyre width: 265 mm,
- trash boards, A
- sliding plate (1 piece), C
- drawbar, CAT. II i III, E
- mechanical adjustment of the first furrow-slice,
- break-off bolt protection against stones.

| | |
|---|---|
| MIX40 3+ | |
| MIX40 3+1 | |
| MIX40 4+ | |
| MIX40 4+1 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "C35-40L" plough body – extra charge per piece | C35-40L | |
| 2 | Slatted "C35-40A" plough body - extra charge per piece | C35-40A | |
| 3 | Slatted "C35-40AL" plough body - extra charge per piece | C35-40AL | |
| 4 | Skimmer (per piece) | PM | |
| 5 | Wheel flange (removing the wheel 20 cm away from the frame) | KR | |
| 6 | Mechanically-operated beam for tillage tool | BM4 | |
| 7 | Notched coulter disc Ø 420 mm (per piece) | KZ | |
| 8 | Plain coulter disc Ø 525 mm (per piece) | KG5 | |
| 9 | Notched coulter disc Ø 525 mm (per piece) | KZ5 | |
| 10 | Plain pendulum disc coulter Ø 420 mm (per piece) | KW | |
| 11 | Plain pendulum disc coulter Ø 420 mm with spring-operated NON-STOP protection mechanism (per piece). | KWS | |
| 12 | Wheel scraper | SK | |
| 13 | "MIX" plough attachment | PMIX | |
| 14 | LED road lights (at the back) | OL | |
| 15 | Upper coupling pin | SZ | |
| **Photos of the above optional accessories elements are presented on pages 100 through 109** | | | |



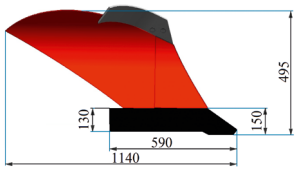


"BM4"

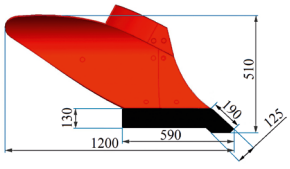
| X | 2 | 3 | 4 | 5 |
|---|---|---|---|---|
| [cm] | **30** (300 CZH), **35** (350 CZH), **40** (400 CZH) | | | |
| [cm] | 90 | 90 | 77 | 77 |
| [cm] | 75 | | | |
| | | | | |
| [KM/kW] | 25/28 - 30/22 - 35/25 | 45/33 - 50/36 - 55/44 | 65/47 - 70/51 - 75/55 | 85/62 - 90/66 - 95/70 |
| kg | 245 | 360 | 450 | 555 |

## Standard outfit:

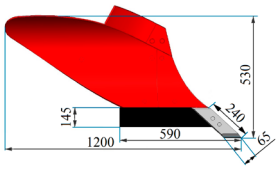
- "C30" plough body (version 300 CZH),
- "C35-40" plough body (version 350 CZH and 400 CZH
- metal side support wheel:Ø 50 cm, width: 20 cm,
- wheel scraper,
- trash boards,
- sliding plate (1 piece),
- drawbar, CAT. II i III,
- mechanical adjustment of the first furrow-slice,
- break-off bolt protection against stones,



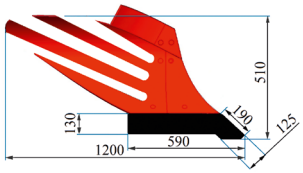

"C30"



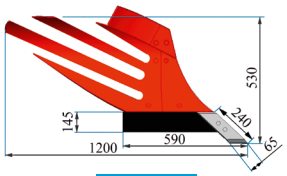

"C35-40"




"C35-40L"




"C35-40A"




"C35-40AL"

| **300 CZH** - working width: 30 cm | |
|---|---|
| 300CZH - 2 | |
| 300CZH - 3 | |
| 300CZH - 4 | |
| 300CZH - 5 | |

| **350 CZH** - working width: 35 cm | |
|---|---|
| 350CZH - 2 | |
| 350CZH - 3 | |
| 350CZH - 4 | |
| 350CZH - 5 | |

| **400 CZH** - working width: 40 cm | |
|---|---|
| 400CZH - 2 | |
| 400CZH - 3 | |
| 400CZH - 4 | |
| 400CZH - 5 | |

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | "C35-40" plough body for version 300 CZH | C35-40 | |
| 2 | "C35-40L" plough body – extra charge per piece | C35-40L | |
| 3 | Slatted "C35-40A" plough body - extra charge per piece | C35-40A | |
| 4 | Slatted "C35-40AL" plough body - extra charge per piece | C35-40AL | |
| 5 | Mechanically-operated beam for tillage tool | BM4 | |
| 6 | Plain pendulum disc coulter Ø 420 mm | KW | |
| 7 | Notched coulter disc Ø 420 mm (per piece) | KZ | |
| 8 | Plain coulter disc Ø 525 mm (per piece) | KG5 | |
| 9 | Notched coulter disc Ø 525 mm (per piece) | KZ5 | |
| 10 | Upper coupling pin | SZ | |









| X | 2+ | 3+ | 4 (3+1) | 5 (4+1) |
|---|---|---|---|---|
| [cm] | 53 | | | |
| [cm] | 33-36-39-42 | | | |
| [cm] | 61-70 ; 66-72,5 ; 71-75 | | | |
| [KM/kW] | 40/30 | 60/44 | 80/59 | 100/74 |
| kg | 310 | 390 | 470 | 570 |

**Standard outfit:**

- plain disc: 610x6 mm
- metal side support wheel: Ø 50 cm, width: 20 cm,
- wheel scraper,
- drawbar, CAT. II i III,
- bolt-locked mechanical adjustment of the first furrow-slice,
- break-off bolt protection against stones,
- maintenance-free bearing with labyrinth seal,
- mechanical disc rake adjustment: 18°, 21°, 24°,27°

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Plain disc: 660x6 mm | T66 | |
| 2 | Plain disc: 710x8 mm | T71 | |
| 3 | Upper coupling pin | SZ | |

| | |
|---|---|
| DISC42 - 2+ | |
| DISC42 - 3+ | |
| DISC42 - 3+1 | |
| DISC42 - 4+ | |
| DISC42 - 4+1 | |

**A** Side support wheel

**B** Wheel suspension shock-absorber





| HP XL | KM 180 HP | KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | MIX DUE |
|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S | S |
| 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/75-15.3 | 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

**C**





Trash board with top and bottom adjustment

| MAXIMUS | MAGNA | HP XL | KM 180 HP | KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S | S | S | S | S |

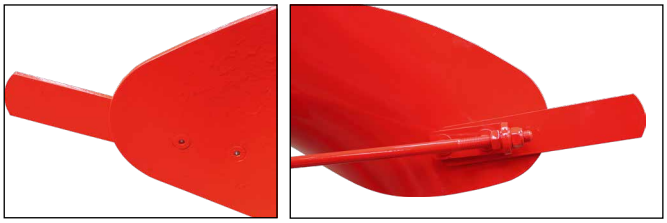




Trash board with top adjustment

| MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|
| S | S | S | S | S |

**D**



**„JV40", "JV43", "BAVARIA", "FINLAND"**



**"SCANDINAVIA"**

Mouldboard extensions

Types of plough bodies

| „JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" | „C30" | "C35-40" | "C35-40L" | "C35-40A" | "C35-40AL" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | - | - | - | - | - | - | - |

## E "PA"

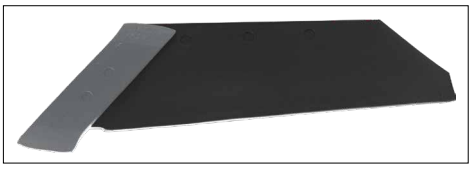


Sliding plate (additional sliding plate). One pair or one piece in standard configuration,
depending on plough body type.

Types of plough bodies

| „JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" | „C30" | "C35-40" | "C35-40L" | "C35-40A" | "C35-40AL" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | O | S | S | S | S | S | S | S | S |

## F



Ploughshare with share point

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| S | S | S | S |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S | S | O | O | O | O |

## G





Mechanical adjustment of the first furrow-slice (turnbuckles fitted with nuts for easy adjustment)

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| S | S | - | S |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S | S | S | - | - | - |

## H





**Plough in working position**

5-furrow plough in transport position
(fits within the outline of the tractor)

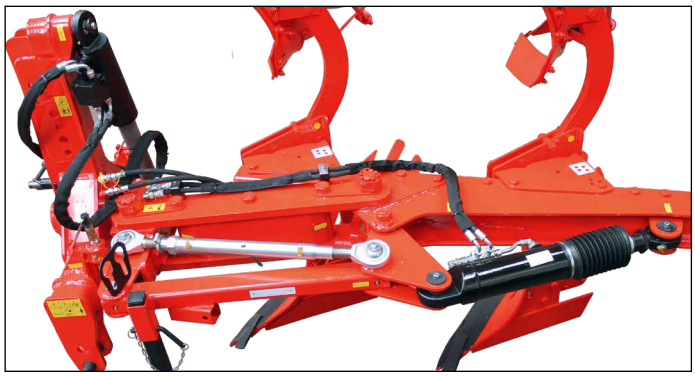


KM 180 plough (version 4+1) in transport position (fits within the outline of the tractor)

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| - | - | S | S |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | O | O | O | - | - | - | - | - | - | - |
| | | | | Actuator with no memory | | | | | | | | | |

## I



"HYDRO TRANS SETTING" - hydraulic regulation system.
The parallelogram-based adjustment mechanism sets the first furrow cutting width and the pulling point independently of each other.
The frame-tilting actuator straightens the plough behind the tractor.
Once the plough is reversed, the actuator automatically restores it into working position.

**Advantages of the system:**

- easy adjustment with turnbuckles fitted with nuts,
- reduced stress operating on the frame and head,
- increased tractor efficiency through enhanced pulling force,
- smooth running with no side thrust,
- the clearance between the depth wheel and ground is automatically increased during the tilt (important for tractors with low lift height),
- minimized stress that operates on the tractor,
- the plough is set within the tractor outline during transport (ploughs with over 5 furrows slightly exceed the outline).

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| - | - | S | S |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | O | O | O | - | - | - | - | - | - | - |
| | | | | Actuator with no memory | | | | | | | | | |

## J



"SETTING" mechanical regulation system –
The parallelogram-based adjustment mechanism sets the first furrow cutting width and the pulling point independently of each other.

**Advantages of the system**

- easy adjustment with turnbuckles fitted with nuts,
- reduced stress operating on the frame and head,
- increased tractor efficiency through enhanced pulling force,
- smooth running with no side thrust,
- minimized stress that operates on the tractor.

| HP XL | KM 180 HP |
|---|---|
| - | - |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | - | - | - | S | S | S | S | S | S | - | - | - | - |

## K



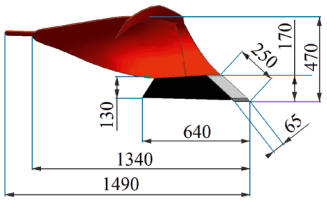
To ensure easier adjustment, turnbuckles are fitted with nuts that can be adjusted with a multifunction wrench

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| S | S | S | S |

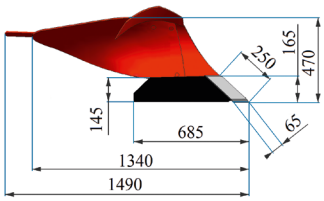
| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S | S | S | - | - | - |

## S - standard O – optional accessories “-” - not applicable

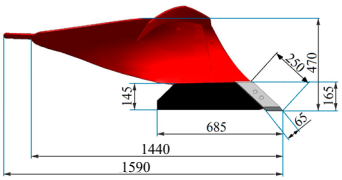
| | Solid | | | | Solid, made of plastic | Slatted | |
|---|---|---|---|---|---|---|---|
| | "JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" |
| MAXIMUS | - | S | O | O | O | O | O |
| MAGNA | - | S | O | O | O | O | O |
| HP XL | - | S | O | O | O | O | O |
| KM 180 HP | - | S | O | O | O | O | O |
| KM 180 R | - | S | O | O | O | O | O |
| VIKING | - | - | S | O | O | O | O |
| MAX | - | S | O | O | O | O | O |
| KM 180 | - | S | O | O | O | O | O |
| KM 80 HP | S | O | O | O | O | O | O |
| KM 80 R | S | O | O | O | O | O | O |
| KM 80 | S | O | O | O | O | O | O |
| KMJ | - | S | O | O | O | O | O |
| KMJ-R | - | S | O | O | O | O | O |



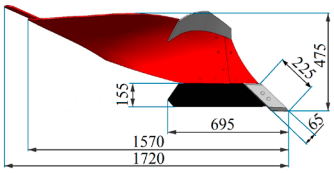

„JV40”



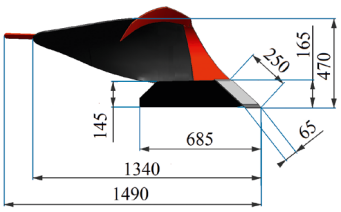

“JV43” “JV43”



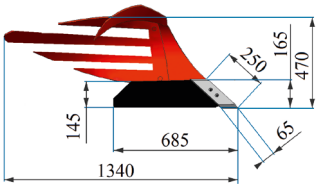

“BAVARIA” “B”



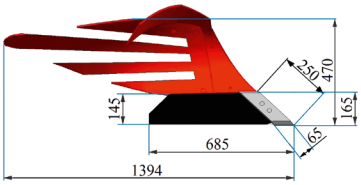

“SCANDINAVIA” “S”



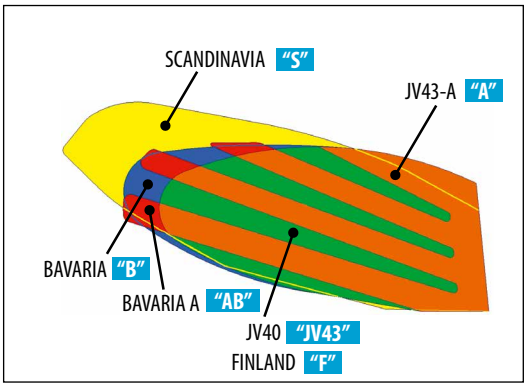

“FINLAND” “F”



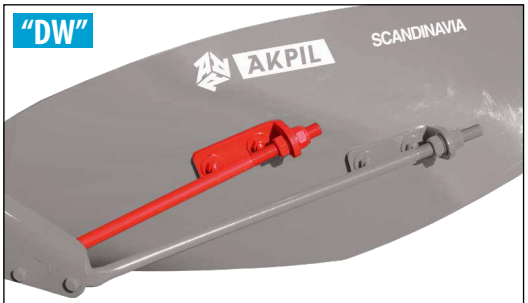

“JV43-A” “A”




“BAVARIA A” “AB”




“DW”




Additional mouldboard prop for "SCANDINAVIA" mouldboard – only for the "SCANDINAVIA"-type plough bodies.

“PF”

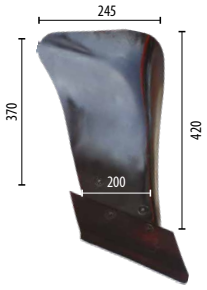


Plastic "FINLAND" mouldboard shin - only for the "FINLAND"-type mouldboards.




Standard skimmer

**"P"**




"RA" skimmer

**"PRA"**




Skimmers compared






"SCANDINAVIA" skimmer - only for the "SCANDINAVIA"-type plough bodies.

**"PSC"**

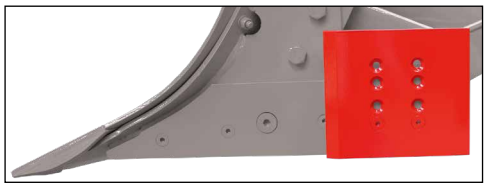


"RA" skimmers at work

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| O | O | O | O |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | O | O | O | O | - | - | - |

**E** **"PA"**



Sliding plate (additional sliding plate). One pair or one piece in standard configuration, depending on plough body type

Types of plough bodies

| „JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" | „C30" | "C35-40" | "C35-40L" | "C35-40A" | "C35-40AL" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| S | S | S | O | S | S | S | S | S | S | S | S |

**"KL"**



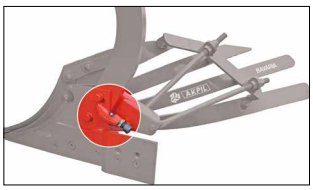


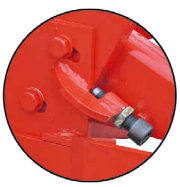
Knife coulter

Types of plough bodies

| „JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" | „C30" | "C35-40" | "C35-40L" | "C35-40A" | "C35-40AL" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | - | - | - | - | - |

**"RK"**





Ploughshare angle adjustment

Types of plough bodies

| „JV40" | "JV43" | "BAVARIA" | "SCANDINAVIA" | "FINLAND" | "JV43-A" | "BAVARIA A" | „C30" | "C35-40" | "C35-40L" | "C35-40A" | "C35-40AL" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | - | - | - | - | - |

## "KW"



Plain pendulum disc coulterØ 420 mm

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| - | - | - | - |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | O | O | O | - | - | O | O | - | O | O | O | O | O |

## "KWS"





Plain pendulum disc coulterØ 420 mm with spring-operated NON-STOP protection mechanism.

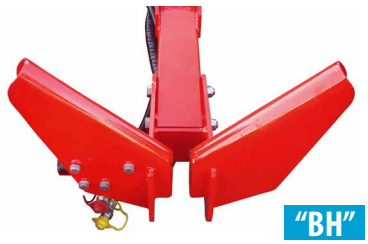
| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| O | O | O | O |

| KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | O | O | O | O | - | - | - |



"BM"

Beam for tillage tool with mechanical grab



"BH"

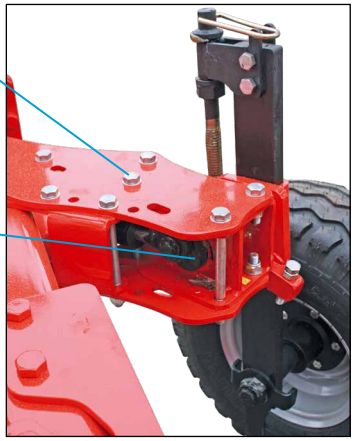
Beam for tillage tool with hydraulic grab (additional requirement: pair of hydraulic outputs)



| MAXIMUS | MAGMA | HP XL | KM 180 HP | KM 180 R | VIKING | MAX | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| - | O | O | O | O | O | O | O | O | O | O | O | O | O |

A Side support wheel

B Wheel suspension shock-absorber





| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | MIX DUE |
|---|---|---|---|---|---|---|---|---|
| S | S | S | S | S | S | S | S | S |
| 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

## "HRK"





Hydraulic depth adjustment for standard wheel

| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | MIX DUE |
|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | O | O |
| 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

## "KOT"






Side support wheel with rear rotation and hydraulic suspension

**Advantages:**
- good steering behind the tractor,
- low sensitivity to lateral overloads,
- excellent efficiency when working on slopes,
- increased range of wheel work.

| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | MIX DUE |
|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | O | O |
| 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/75-15.3 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

## "KT"



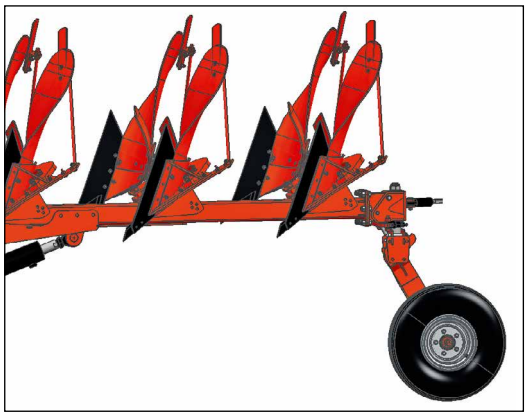


Rear support wheel with shock absorber –
standard outfit of 2-furrow ploughs (KM 80, KM 80 R, KM 80 HP, MIX DUE)

| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | MIX DUE |
|---|---|---|---|---|---|---|---|---|
| - | O | O | - | O | O | O | O | O |
| - | 10.0/80-12 | 10.0/80-12 | - | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

## "KTTL"





Light rear transport & support wheel with shock absorber

| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 |
|---|---|---|---|---|
| - | O | O | - | O |
| - | 10.0/80-12 | 10.0/80-12 | - | 10.0/80-12 |

## "KTT"

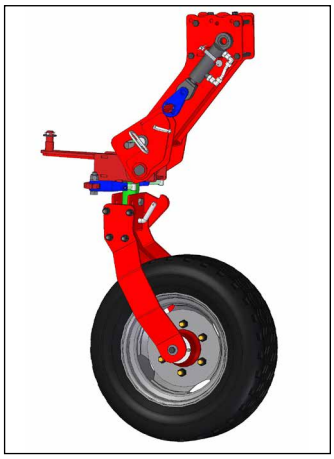




Rear transport & support wheel with shock absorber

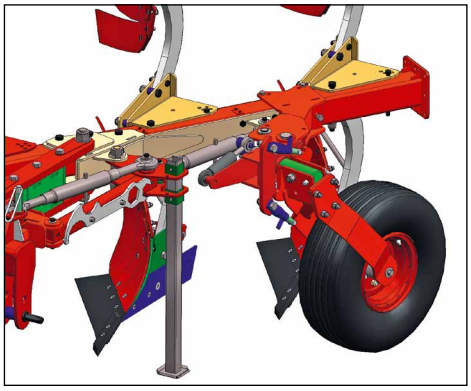
| HP XL | KM 180 HP | KM 180 R | VIKING | KM 180 |
|---|---|---|---|---|
| O | O | O | O | O |
| 10.0/75-15.3 | 10.0/75-15.3 | 10.0/75-15.3 | 10.0/75-15.3 | 10.0/75-15.3 |

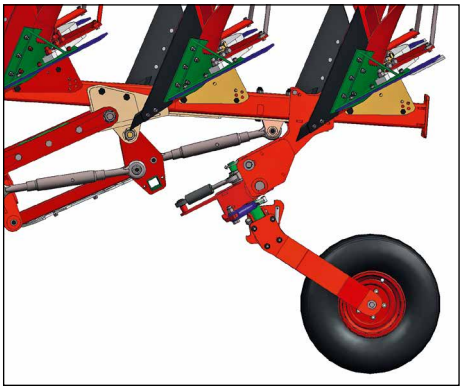
## "KTB"





Side transport & support wheel with shock absorber





| KM 180 HP | KM 180 R | VIKING | KM 180 |
|---|---|---|---|
| O | O | O | O |
| 10.0/80-12 | 10.0/80-12 | 10.0/80-12 | 10.0/80-12 |

## "SK"





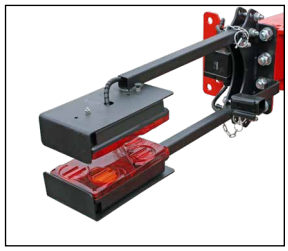
Support wheel scrapers

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| S | S | O | O |

| KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | O | O | O | O | S | S | S |

## "OL"



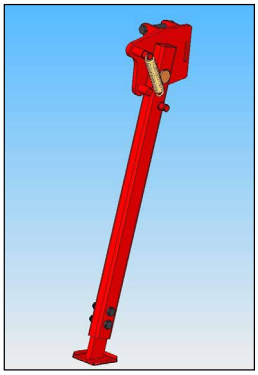


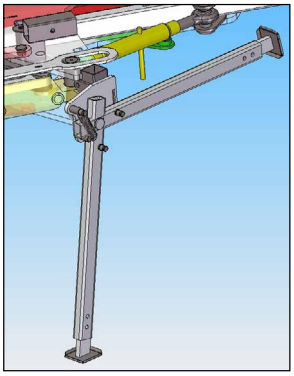
Road lights

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| S | S | O | O |

| KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | - | - | - | - | - | - | - |

## "SP"





Spring-mounted support leg
(except for version 3+)

| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| - | - | O | O |

| KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | - | - | - | - | - | - | - |

## "BR"



Movable drawbar



| MAXIMUS | MAGMA | HP XL | KM 180 HP |
|---|---|---|---|
| - | - | O | O |

| KM 180 R | VIKING | KM 180 | KM 80 HP | KM 80 R | KM 80 | KMJ | KMJ-R | MIX DUE | MIX 40 | 300 CZH | 350 CZH | 400 CZH |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| O | O | O | O | O | O | - | - | - | - | - | - | - |






| | |
|---|---|
| L | 3500.5000 |
| L | 500-700 |
| | 600/50x22.5 |
| [cm] | 60-90 |
| [KM/kW] | 70/51 |
| kg | 6400, 6700 |

**Standard:**

- own independent hydraulic system with PTO powered pump,
- oil cooler of the independent hydraulic system,
- "DANFLOSS" hydrostatic drive
- "DANFLOSS" hydraulic motors,
- electromagnetic control of working functions with a switch A
- "FINDER" electric steering,
- "BROEKEMA" conveyors and separators,
- two potato sorters B
- hydraulically adjusted intake conveyor C
- spheroidal cast iron wheels,
- automatic tensioner for belt drive chains,
- rubber coated bottom of the potato conveyor D
- adjustable elliptical vibrator of the first belt,
- 3-panel ploughshare,
- ploughshares with a hinged flap E
- hydraulically lifted digger
- hydraulically adjusted drawbar F
- hydraulic support foot G
- hydraulically turned drive wheels H
- wheel direction indicator I
- central mechanical lubrication of bearings and certain pins J
- smooth adjustment of left axle spacing K
- tyres 600/50x22.5 – tyre width 60cm
- drive wheels with brakes (pneumatic or hydraulic),
- automatic parking brake,
- bearings – "SKF""NSK""PBF KRAŚNIK",
- lamella roller sealing,
- polyurethane elements:
  - conveyor rollers,
  - intake shafts,
  - intake rollers,
  - intake blades,
  - haulm intake rollers,
- LED lights back and front,
- toolbox,
- lower hitch-type transport bracket
- unloading height 3.85m,
- wide-angle PTO,
- requires 1 pair of hydraulic outputs,
- double-braided hydraulic hoses 330 bar.

Price:

| | | |
|---|---|---|
| **Potato Harvester (1-row) - 3,5 t** | KARTOFFEL | |




A



B



C



D



E



F G



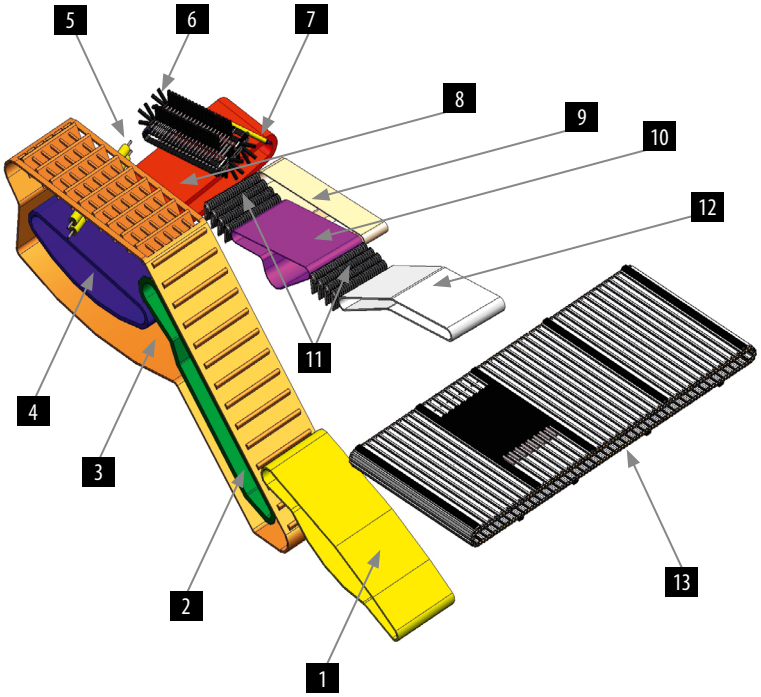
H



I J



K




**mechanical drive from power take-off (PTO)**
- sieving belt 1
- second conveyor 2
- haulm separator 3
- first separator 4

**hydraulic drive from the independent hydraulic system:**
- intake rollers 5
- rod conveyor 6
- intake roller 7
- second separator 8
- waste conveyor with a selective conveyor 9 10
- sorter 1. and 2. – 4 row x 2 11
- intake conveyor 12
- conveyor of the potato hopper 13

**smooth hydraulic speed adjustment:**
- intake rollers with rod conveyor 5 6
- intake rollers with the second separator 7 8
- waste conveyor with a selective conveyor 9 10



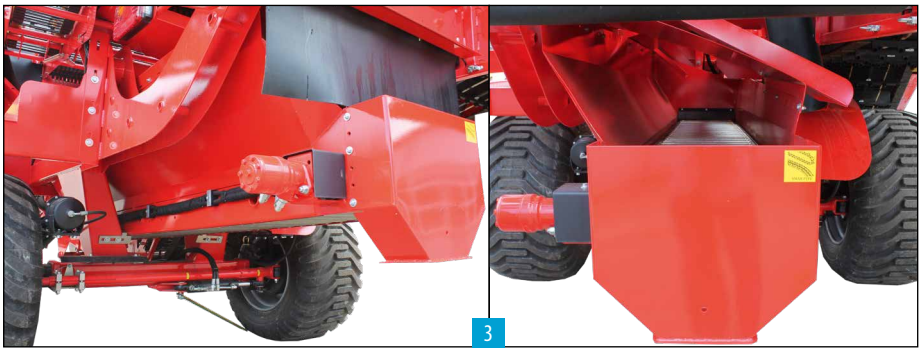
## Optional accessories: (potato):

| | | | |
|---|---|---|---|
| 1 | 5000 kg container | ZST | |
| 2 | Quick connector in the combine for installing the onion attachment with quick connector | SZK | |
| 3 | Hydraulic container for temporary storage of approx. 700kg of sorted potatoes or stones with small potatoes. Controlled by switch, on/off switch near the tank and service platforms | HZK | |
| 4 | Sliding curtain of the main container | PF | |
| 5 | Funnel of the main container (hopper) | ZZG | |
| 6 | Hydraulic drive of the waste container with a smooth adjustment of speed independent from the selection table | HO | |
| 7 | Hydraulic external disc coulter drive (right) with smooth speed adjustment | HNKT | |
| 8 | Hydraulic external disc coulter drive (left) with smooth speed adjustment | HNKTL | |
| 9 | Night LED lighting of the sieving belt | ONT | |
| 10 | Automatic guidance to the coulter (electric) | AN | |
| 11 | 2-row brush conveyor (paid extra with rod conveyor) | PS2 | |
| 12 | 3-row brush conveyor (paid extra with rod conveyor) | PS3 | |
| 13 | 4-row brush conveyor (paid extra with rod conveyor) | PS4 | |
| 14 | 5-row brush conveyor (paid extra with rod conveyor) | PS5 | |
| 15 | 6-row brush conveyor (paid extra with rod conveyor) | PS6 | |
| 16 | Automatic central mechanical lubrication of bearings and pins | ACS | |
| 17 | Ploughshare bracket with protection against rocks | ZK | |
| 18 | Hydraulic engine supporting the conveyor of the potato hopper in case of using a low performance pump (additionally requires 1 pair of hydraulic outputs) | SZG | |
| 19 | Revolving warning light | LO | |
| 20 | Anti-dust shields of the conveyor – lower + upper | OP | |
| 21 | Shade canopy with lighting for the selection table | DP | |
| 22 | Side shields with openings to the shade canopy | OB. | |

## Optional accessories: (onion and carrot):

| | | | |
|---|---|---|---|
| 23 | Quick connector attachment (72cm) for harvesting onions or digging beetroots – mass 130kg | PD | |
| 24 | Quick connector hydraulic-driven attachment (72cm) for harvesting onions or digging beetroots (additionally requires 1 pair of hydraulic outputs), mass 140kg | PDH | |
| 25 | Attachment (50cm) for harvesting onions or digging beetroots – mass 60kg | PM | |
| 26 | Hydraulic-driven attachment (50cm) for harvesting onions or beetroot digging (additionally requires 1 pair of hydraulic outputs), mass 65kg | PMH | |
| 27 | Digger for carrots or parsley | WM | |
| 28 | Attachment for digging and topping carrots or parsley (topper with guidance system + scrapper rollers + intake rollers + blade set + support wheels) (additionally requires 1 pair of hydraulic outputs) | PKM | |
| 29 | Cutter for carrot, parsnip and parsley tops with a with a control switch for the cutter and topper (with double pump) | SN | |
| 30 | Haulm separator (wide separation belt) for carrots or parsley | OL | |
| 31 | Second conveyor (bent rod belt) for digging thin carrots | P2 | |
| 32 | Poziomowanie automatyczne | PA | |



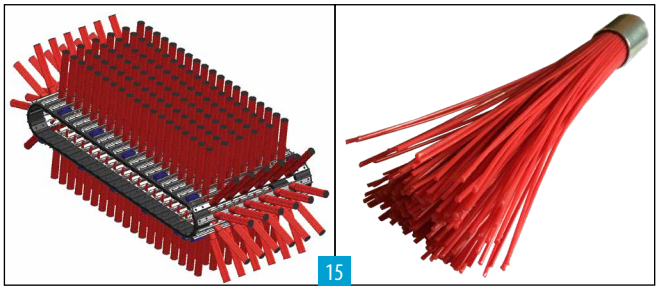

3

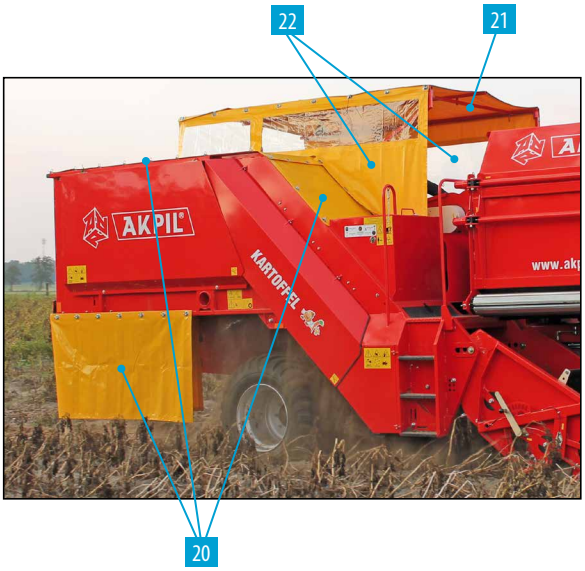

4


5


8


10


15


22
21
AKPIL
KARTOFFEL
20


25


28


29


AKPIL





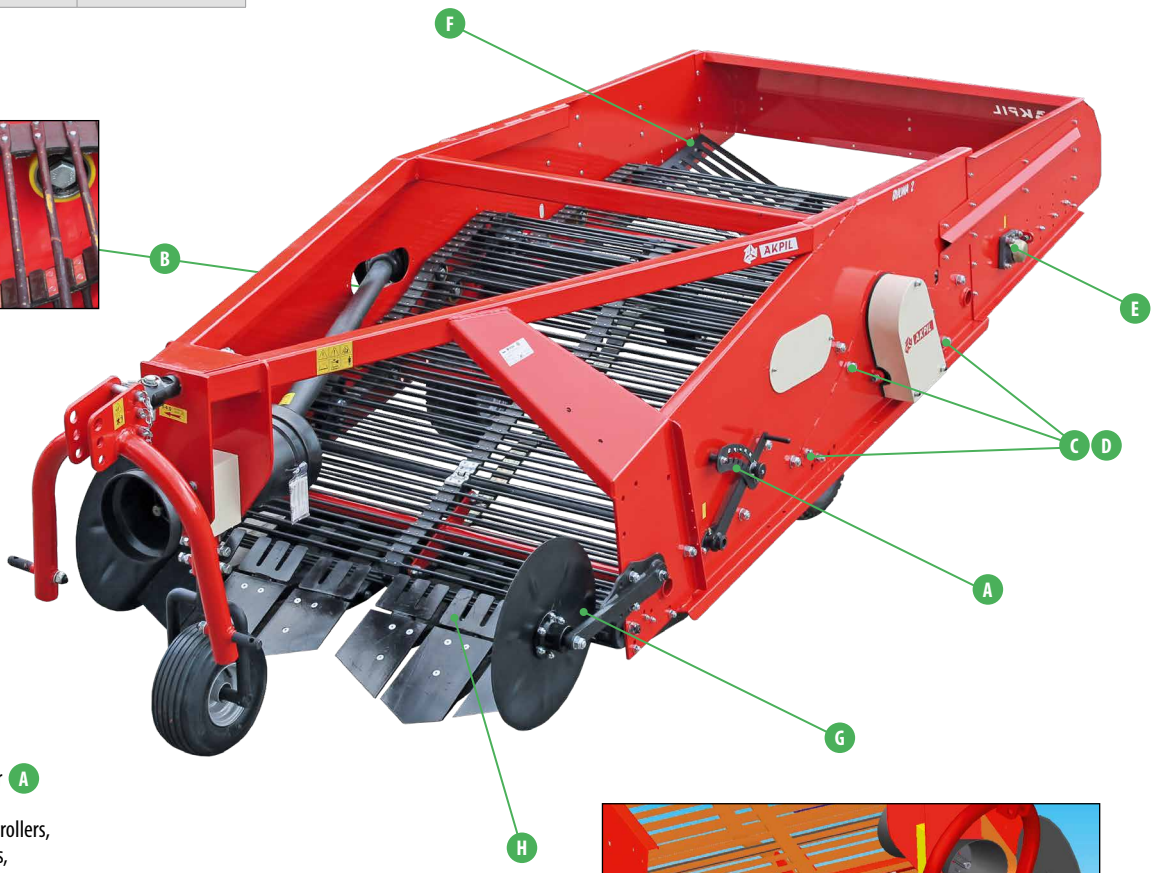

| | | |
|---|---|---|
| [cm] | 150 | |
| [cm] | 62.5 – 75 | |
| X | 1 | 2 |
| | 1740 | 2640 |
| [KM/kW] | 35/26 | |
| kg | 750 | 890 |





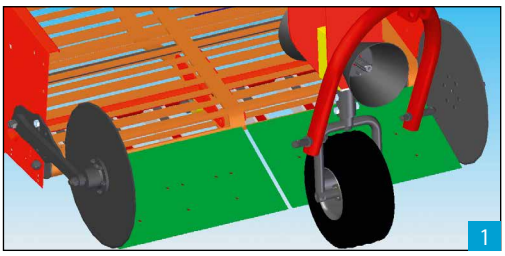







## Standard:

- adjustable elliptical belt vibrator A
- polyurethane rollers B
- lamella sealing of polyurethane rollers,
- spheroidal cast iron drive wheels,
- copying wheel 15x6-6,
- copying wheel adjustment,
- support wheels 16x7, 5-8,
- adjustment of the support wheel height C
- machine pitch angle adjustment D
- conveyor tensioners E
- rear chute right + left F
- disc coulters with adjustment G
- possible expansion from 1-belt version to 2-belt version
- ploughshare angle adjustment,
- ploughshares with a hinged flap H
- coupling pins CAT II,
- double-braided hydraulic hoses 330 bar (if present)
- "CATTELONI CARDANO" articulated shaft with a clutch.




## Optional accessories:

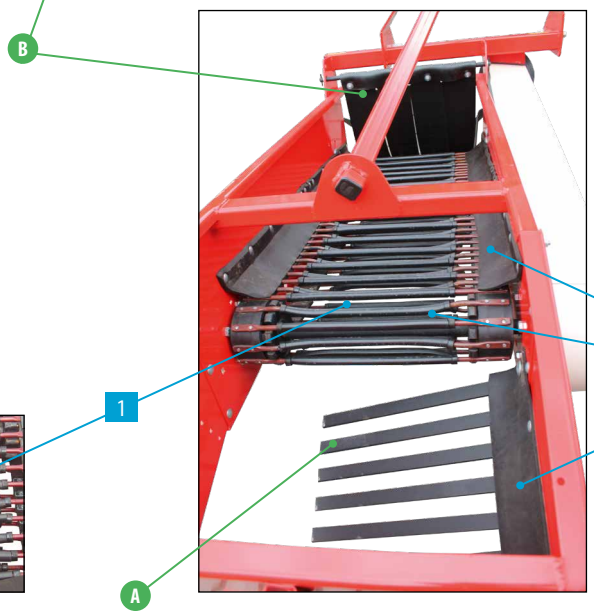
| | | | |
|---|---|---|---|
| 1 | Bar blade for onions and vegetables | LC | |
| 2 | Hydraulic onion digger (additionally requires 1 pair of hydraulic outputs) | KW | |
| 3 | Hydraulic intake fan for onion digging (additionally requires 1 pair of hydraulic outputs) | WK | |
| 4 | Hydraulic metal packing roller (80 kg) (additionally requires 1 pair of hydraulic outputs) | WU | |
| 5 | "CATTELONI CARDANO" articulated shaft | 0P3.101.101.072 | |
| 6 | Upper coupling pin | SZ | |

| | | |
|---|---|---|
| Two-row digger BULWA2 (1 belt) | BULWA 2-1 | |
| Two-row digger BULWA2 (2 belts) | BULWA 2-2 | |



| | |
|---|---|
| [cm] | 62.5-67.5 |
| [cm] | 62.5-67.5 |
| [KM/kW] | 25/18 |
| kg | 235 |








Standard



**Standard:**

- Wheel 4.00-8 tyre width 10cm,
- sieve vibrator,
- rubber support wheels with adjustment,
- adjustable rear chute A
- adjustable belt curtain B
- drive – helical bevel gears
- coupling pins CAT. I and II.

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Conveyor with lagging + rubber side shields + rubber chute shield | OTB | |
| 2 | "CATTELONI CARDANO" articulated shaft | OP2.101.101.072 | |
| 3 | Upper coupling pin | SZ | |

| | | | |
|---|---|---|---|
| 1 | Single-row digger BULWA1 | BULWA1 | |
| 2 | BULWA1 single-row digger - conveyor with lagging + rubber side shields + rubber chute shield | BULWA1OTB | |




POWER PLANT 2H

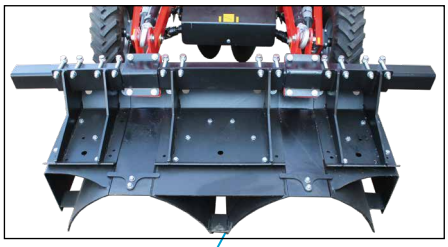
| | | | |
|---|---|---|---|
| X | 2 | 4 | 4 |
| L | 600, 1100 | 1100, 2240 | 2240 |
| [cm] | 75, 80, 85, 90 | | |
| | 7.00 x 12 | 7.00 x 12 | 7.00 x 12 |
| [KM/kW] | 100/74 | 140/103 | 140/103 |
| kg | 920 | 1450 | 1750 |

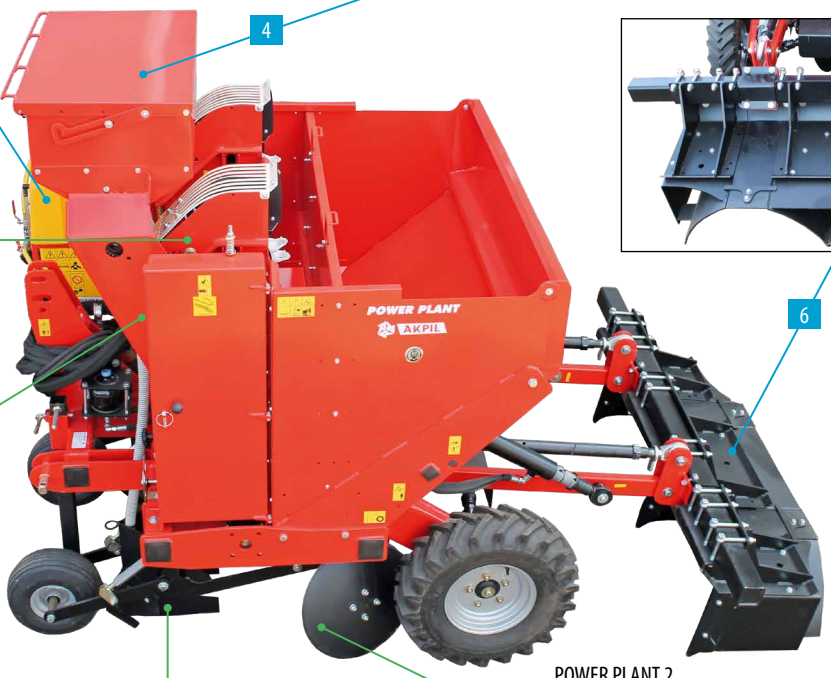




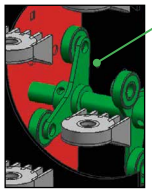


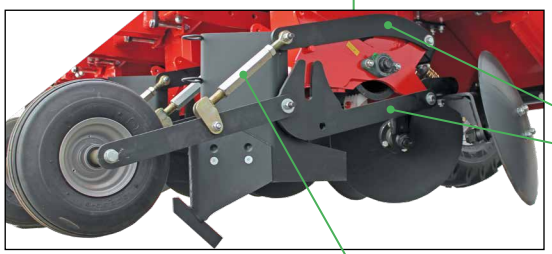




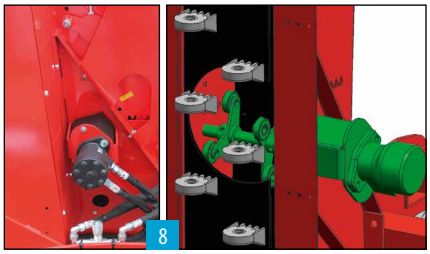


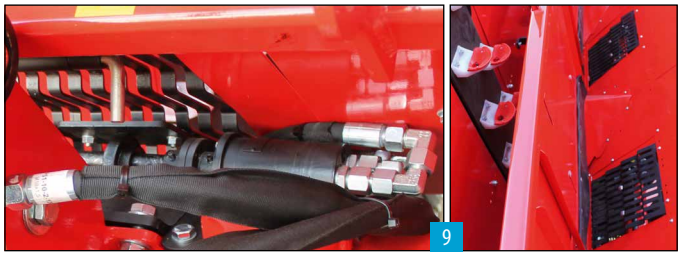

POWER PLANT 2







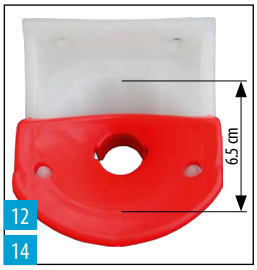












## Standard:

- 2 drive wheels (powered) – 7.00x12 (tyre width 20cm),
- double mechanical belt vibrator A
- vibrator frequency adjustment,
- belt tensioner,
- ridging discs Ø 470mm
- swinging discs with adjustable shock absorbers B
- maintenance-free bearings of the ridging disks,
- coulters with copying wheels on a tetragon C
- smooth copying wheel adjustment D
- copying wheels 15x6.00-6 (tyre width 16cm),
- sprocket wheels – 16 ratios,
- seed potato row spacing adjustment between 19-40cm E
- possibility of adjusting row spacing at 75, 80, 85 or 90cm,
- adjustable distance of the funnel from the belt with the built-in wall F (adjustment depending on the size of the seed potato),
- upper belt wheel for transporting long and large seed potatoes,
- small belt wheel for more precise planting,
- capability of planting in 1, 2 or 3 rows
- planting assemblies are connected with "CATTELONI CARDANO" articulated shafts with an option of disconnecting,
- coupling pins CAT II and III.

**additionally in 4 row suspended VERSION:**

- 4 drive wheels (powered) – 7.00x12 (tyre width 20cm),
- requires 1 pair of hydraulic outputs,
- double-braided hydraulic hoses 330 bar

**Extra in TRAILED VERSION:**

- coupling bar CAT II and III,
- drawbar,
- hydraulically lifted undercarriage,
- automatically disengaged wheel drive in headlands while lifting the machine.

## Optional accessories:

| | | | |
|---|---|---|---|
| 1 | Seed potato row spacing adjustment between 14-29 cm | RS | |
| 2 | Hydraulic markers for 4 row version (additionally requires 1 pair of hydraulic outputs) | ZH | |
| 3 | Treatment machine 1 x 80L (adjustable nozzles – spraying directly onto seed potatoes) for 2 and 4 row versions | Z2 | |
| 4 | Fertiliser seeder 1 x 180L for 2 row version | S2 | |
| 5 | Fertiliser seeder 2 x 180L for 4 row version | S4 | |
| 6 | Hydraulic moulder for 2 row version (additionally requires 1 pair of hydraulic outputs) | F2 | |
| 7 | Hydraulic moulder for 4 row version (additionally requires 1 pair of hydraulic outputs) | F4 | |
| 8 | Hydraulic vibrator of the belt for 2 and 4 row version (additionally requires 1 pair of hydraulic outputs) | WT2 | |
| 9 | Hydraulic vibrator of the bottom of the hopper for 2 row version (additionally requires 1 pair of hydraulic outputs) | WK2 | |
| 10 | Hydraulic vibrator of the bottom of the hopper for 4 row version (additionally requires 1 pair of hydraulic outputs) | WK4 | |
| 11 | Set of inserts for small potato planting, 2 row version | WM2 | |
| 12 | Set of inserts for large potato planting, 2 row version | WD2 | |
| 13 | Set of inserts for small potato planting, 4 row version | WM4 | |
| 14 | Set of inserts for large potato planting, 4 row version | WD4 | |
| 15 | Wheel mark eradicators for 4 row version | SS | |
| 16 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 17 | Hitch extension | PZ | |
| 18 | Upper coupling pin | SZ | |

E

| Seed potato spacing in a row [cm] | 19 | 20 | 22 | 23 | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 37 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

1

| Seed potato spacing in a row [cm] | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 26 | 27 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Before ordering please consult the client and note the width of row spacing in the order.**

| | | | |
|---|---|---|---|
| 1 | 2 row planter (75, 80, 85, 90cm) container - 600 kg | POWERPLANT2 | |
| 2 | 2 row planter (75, 80, 85, 90cm) container - 1100 kg, hydraulically lifted | POWERPLANT2H | |
| 3 | 4 row planter (75, 80, 85, 90cm) container - 1200 kg | POWERPLANT4 | |
| 4 | 4 row planter (75, 80, 85, 90cm) container - 2250 kg, hydraulically lifted | POWERPLANT4H | |
| 5 | trailed 4 row planter (75, 80, 85, 90cm) container - 2250kg, hydraulically lifted | POWERPLANT4HC | |



POWER PLANT 4H

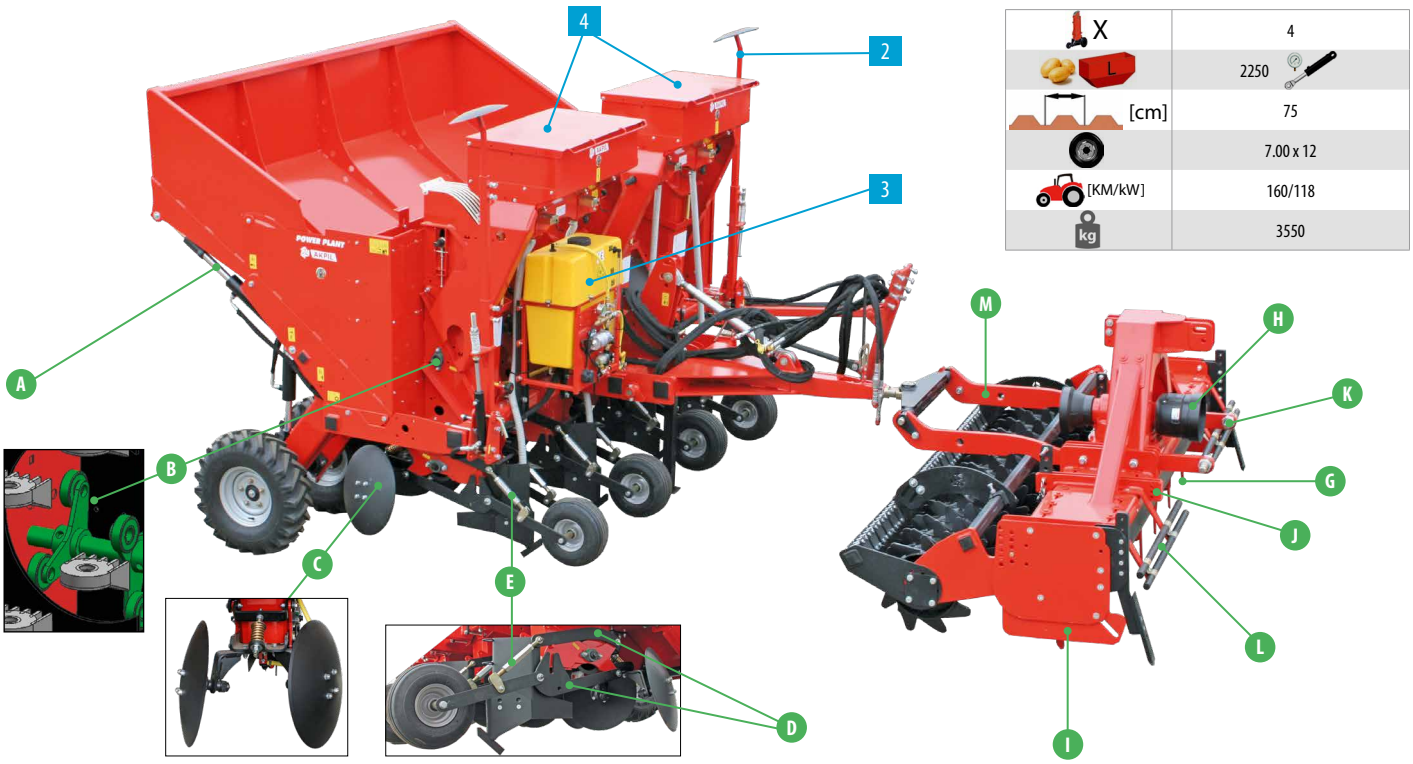


POWER PLANT 4HC



POWER PLANT 4HC






| | |
|---|---|
| X | 4 |
| L | 2250 |
| [cm] | 75 |
| | 7.00 x 12 |
| [KM/kW] | 160/118 |
| kg | 3550 |

**Standard:**

Combination 4 row potato planter + rotary harrow (3.0m) with packer roller,

Standard equipment of a planter combined with harrow:
- hydraulic container – 2250 kg A
- 4 drive wheels (powered) – 7.00x12 (tyre width 20cm),
- double mechanical belt vibrator B
- vibrator frequency adjustment,
- belt tensioner,
- ridging discs Ø 470mm
- swinging discs with adjustable shock absorbers C
- maintenance-free bearings of the ridging disks,
- coulters with copying wheels on a tetragon D
- smooth copying wheel adjustment E
- copying wheels 15x6.00-6 (tyre width 16cm),
- sprocket wheels – 16 ratios,
- seed potato row spacing adjustment between 19-40cm F
- possibility of adjusting row spacing at 75, 80, 85 or 90cm,
- adjustable distance of the funnel from the belt with the built-in wall (adjustment depending on the size of the seed potato),
- upper belt wheel for transporting long and large seed potatoes,
- small belt wheel for more precise planting,
- planting assemblies are connected with "CATTELONI CARDANO" articulated shafts with the option to disconnect.
- coupling bar CAT II and III.
- drawbar,
- hydraulically lifted undercarriage,
- automatically disengaged wheel drive in headlands while lifting the machine.
- double-braided hydraulic hoses 330 bar
- requires 4 pair of hydraulic outputs.

Standard equipment of a rotary harrow:
- knives 30cm G
- transmission with two output shafts H
- PTO revolutions – 540 and 1000 rpm
- floating side screens I
- adjustable height of the levelling bar
- brackets for installing a levelling bar at the front J
- horizontally adjustable coupling K
- protective front barriers L
- adjustment of the distance of each scraper from the shaft,
- adjustment of the scraper bar
- adjustment of working depth
- coupling pins CAT. II and III,
- double-braided hydraulic hoses 330 bar,
- arms for combining the planter with harrow M
- "CATTELONI CARDANO" articulated shaft with a clutch




**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Seed potato row spacing adjustment between 14-29 cm | RS | |
| 2 | Hydraulic markers for 4 row version (additionally requires 1 pair of hydraulic outputs) | ZH | |
| 3 | Treatment machine 1 x 80L (adjustable nozzles – spraying directly onto seed potatoes) for 2 and 4 row versions | Z2 | |
| 4 | Fertiliser seeder x 180L for 4 row version | S4 | |
| 5 | Hydraulic moulder for 4 row version (additionally requires 1 pair of hydraulic outputs) | F4 | |
| 6 | Hydraulic vibrator of the belt for 2 I 4 row version (additionally requires 1 pair of hydraulic outputs) | WT2 | |
| 7 | Hydraulic vibrator of the bottom of the hopper for 4 row version (additionally requires 1 pair of hydraulic outputs) | WK4 | |
| 8 | Set of inserts for small potato planting, 4 row version | WM4 | |
| 9 | Set of inserts for large potato planting, 4 row version | WD4 | |
| 10 | Wheel mark eradicators for 4 row version | SS | |
| 11 | Electric switch to control the hydraulic system from the cabin (solenoid valves) reducing the required hydraulic output to 1 pair | PE | |
| 12 | Additional levelling bar for rotary harrow | BW | |
| 13 | Upper coupling pin | SZ | |

F

| Seed potato spacing in a row [cm] | 19 | 20 | 22 | 23 | 25 | 27 | 29 | 31 | 32 | 34 | 36 | 37 | 40 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

1

| Seed potato spacing in a row [cm] | 14 | 15 | 16 | 17 | 18 | 19 | 21 | 22 | 23 | 24 | 26 | 27 | 29 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**Before ordering please consult the client and note the width of row spacing in the order.**

| | | |
|---|---|---|
| Combination 4 row potato planter "TORNADO PLANT" | TORNADOPLANT | |





**Standard:**

Active hoer – (haulm cutter)

- haulm cutter shaft A
- transmission with two output shafts,
- PTO revolutions – 540 and 1000 rpm
- overload clutch,
- side screens,
- mechanical wheels with smooth adjustment,
- wheel scrapers,
- coupling cat II and III.

**Standard:**

Active hoer – (rotary tiller)

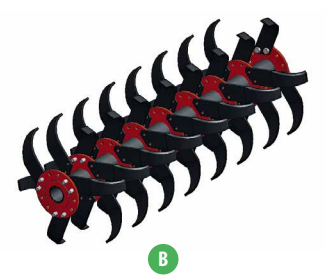
- rotary tiller shaft B
- transmission with two output shafts,
- PTO revolutions – 540 and 1000 rpm
- overload clutch,
- side screens,
- mechanical wheels with smooth adjustment,
- wheel scrapers,
- coupling cat II and III.

**Standard:**

Active hoer – (ridge forming)

- active hoer shaft C
- transmission with two output shafts,
- PTO revolutions – 540 and 1000 rpm
- overload clutch,
- side screens,
- mechanical wheels with smooth adjustment,
- wheel scrapers,
- coupling cat II and III.
- ridge former D
- former with teeth for better water absorption E
- smooth mechanical adjustment of former pitch.

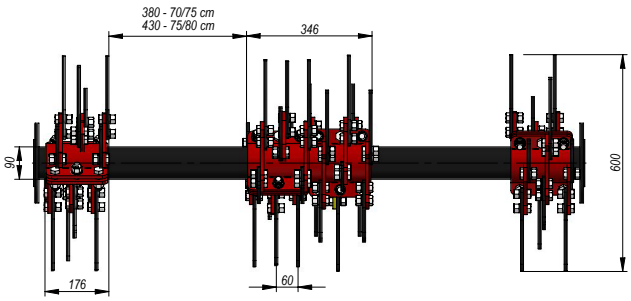


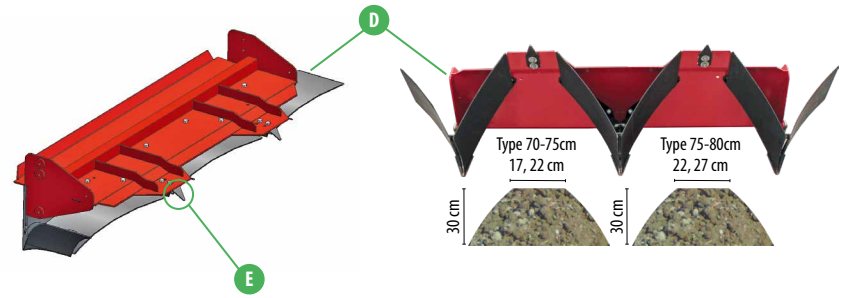




| | A | B | C |
|---|---|---|---|
| [cm] | – | 150 | 270 |
| [cm] | 150, 160 | 150, 160 | 70-75, 75-80 |
| [KM/kW] | | 80/59 | |
| kg | 600 | 600 | 650 |

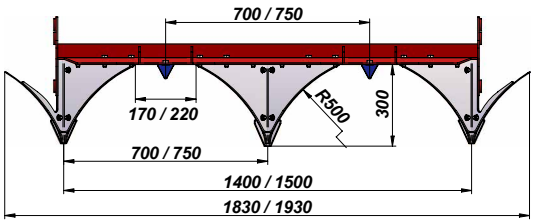



Active hoer – (ridge forming)

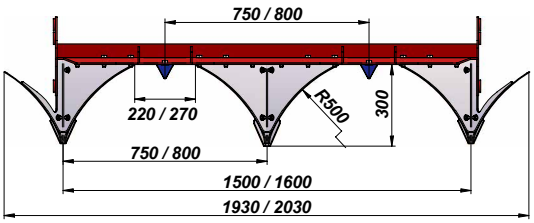




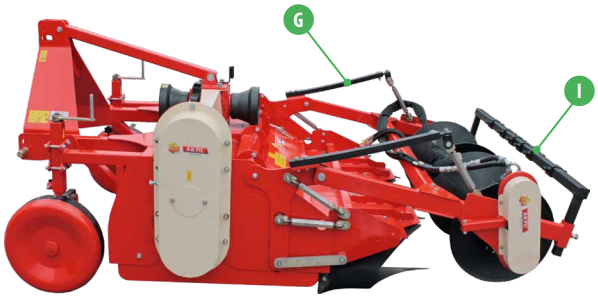





Row spacing 70 or 75 cm




Row spacing 75 or 80 cm



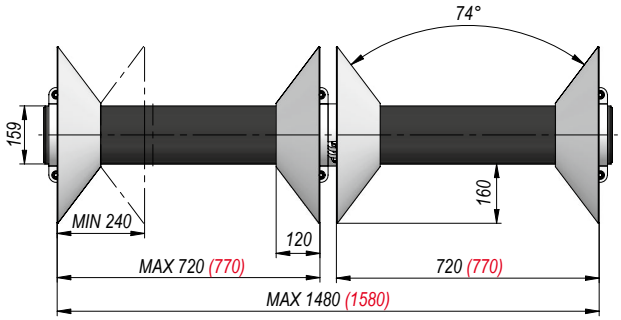



**Standard:**

Active hoer – (ridge forming) + hydraulic packer rollers

- active hoer shaft C
- transmission with two output shafts,
- PTO revolutions – 540 and 1000 rpm
- overload clutch,
- side screens,
- mechanical wheels with smooth adjustment,
- wheel scrapers,
- coupling cat II and III.
- ridge former D
- former with teeth for better water absorption E
- smooth mechanical adjustment of former pitch,
- hydraulic packer rollers F
- packer roller pressure adjustment – leaf springs G
- hydraulic adjustment of packer roller speed,
- smooth adjustment of the hydraulic packer roller flanges,
- central flange disassembly – allows full width cultivation before planting H
- bar with brackets for installing seeders I
- requires 1 pair of hydraulic outputs,
- double-braided hydraulic hoses 330 bar.



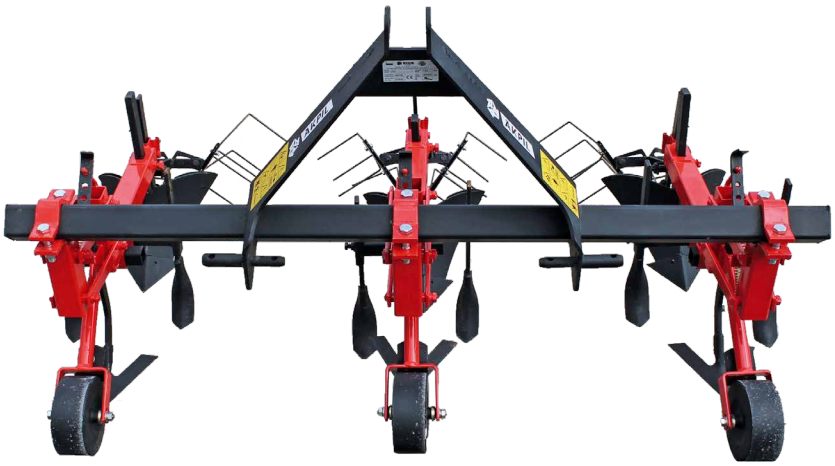

Row spacing 70 or 75 cm

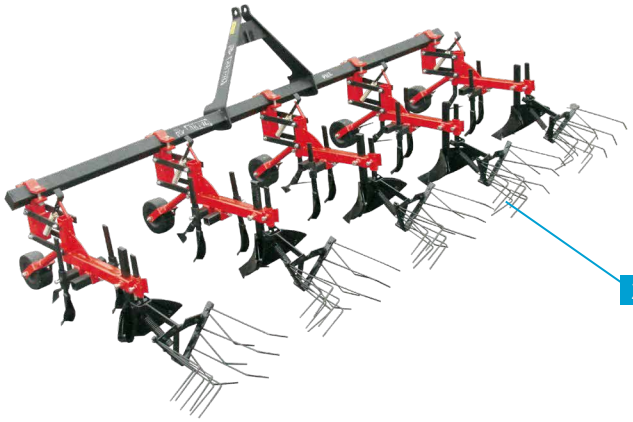
Row spacing 75 or 80 cm

**Optional accessories:**

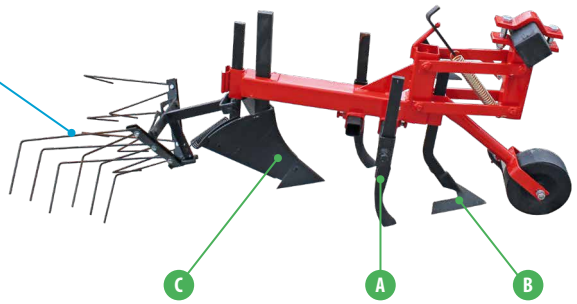
| | | | |
|---|---|---|---|
| 1 | Working shaft (rotary tiller) row spacing 70 or 75 cm | G75 | |
| 2 | Working shaft (rotary tiller) row spacing 75 or 80 cm | G80 | |
| 3 | Working shaft (haulm cutter) row spacing 70 or 75 cm | S75 | |
| 4 | Working shaft (haulm cutter) row spacing 75 or 80 cm | S80 | |
| 5 | Hydraulic packer rollers adapted for seed drills, row spacing 70 or 75 cm | W75 | |
| 6 | Hydraulic packer rollers adapted for seed drills, row spacing 75 or 80 cm | W80 | |
| 7 | Former, row spacing 70 or 75 cm | F75 | |
| 8 | Former, row spacing 75 or 80 cm | F80 | |
| 9 | Additional brackets with knives for full-width cultivation for active hoer 70-75cm | N75 | |
| 10 | Additional brackets with knives for full-width cultivation for active hoer 75-80cm | N80 | |
| 11 | Welded knife – active hoer – (ridge forming) per pc. (48 for width 70-75 and 52 for width 75-80) | NN | |
| 12 | "CATTELONI CARDANO" articulated shaft | 0P7.101.101.120 | |
| 13 | Upper coupling pin | SZ | |

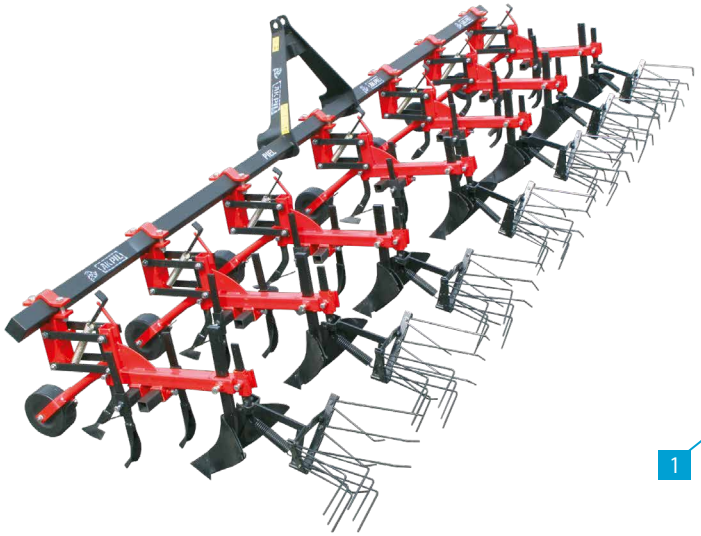
| | | | |
|---|---|---|---|
| 1 | Active hoer – (haulm cutter) 70 or 75 cm | MULTIPIEL70-75S | |
| 2 | Active hoer – (haulm cutter) 75 or 80 cm | MULTIPIEL75-80S | |
| 3 | Active hoer – (rotary tiller) 150 cm | MULTIPIEL70-75G | |
| 4 | Active hoer – (rotary tiller) 160 cm | MULTIPIEL75-80G | |
| 5 | Active hoer – (ridge forming) 70 or 75 cm | MULTIPIEL70-75 | |
| 6 | Active hoer – (ridge forming) 75 or 80 cm | MULTIPIEL75-80 | |
| 7 | Active hoer – (ridge forming) + hydraulic packer rollers 70 or 75 cm | MULTIPIEL70-75W | |
| 8 | Active hoer – (ridge forming) + hydraulic packer rollers 75 or 80 cm | MULTIPIEL75-80W | |

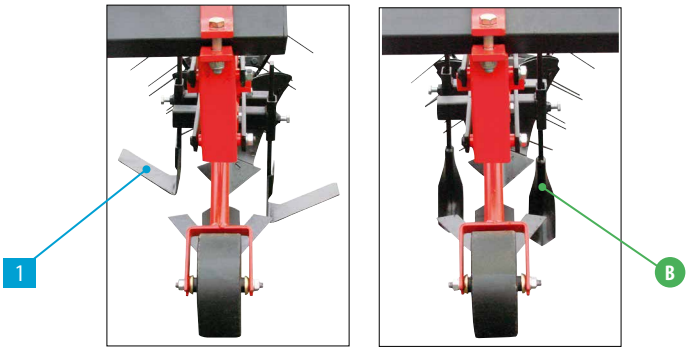




| | Hoer 3 | Hoer 5 | Hoer 7 |
|---|---|---|---|
| X | 3 | 5 | 7 |
| X | 3 | 5 | 7 |
| X | 6+3 | 10+5 | 14+7 |
| [cm] | 62.5-75 | 62.5-75 | 62.5-75 |
| kg | 100 | 170 | 260 |






**Standard:**

- side hoers width 6.5cm (2 pcs./section) A
- sweep width 22.5cm (1 pcs./section) B
- ridger (1 pcs./section) C
- coupling pins CAT. II,
- tempered working elements

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Ridger knife, right - left (per set) for one section | PP1-16 | |
| 2 | Ridger rake (per pc.) | PP1-15 | |
| 3 | Upper coupling pin | SZ | |

| | | | |
|---|---|---|---|
| 1 | 3 row hoer-ridger row spacing up to 75 cm | PIEL/3 | |
| 2 | 5 row hoer-ridger row spacing up to 75 cm | PIEL/5 | |
| 3 | 7 row hoer-ridger row spacing up to 75 cm | PIEL/7 | |





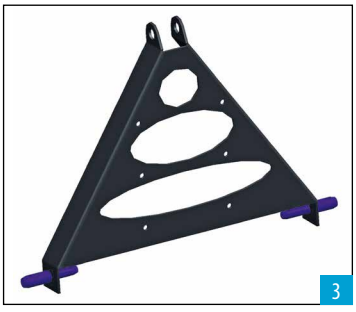


| | |
|---|---|
| [V] | 10-15 |
| [W] | 150 |
| [A] | 25 |
| n | 300-3000 |
| L | 110 |
| [m] | 2.5-15 |










**Standard:**

- adjustment shields A
- capability of suspending on a tractor or any machine B
- shield limiting the spread of seeds,
- shield for side seeding,
- AK01 electric switch control C
- container capacity 110L D
- adjustment of working width 2.5-15 m,
- adjustment of launching blades E
- cable 6.5 m

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | cable extender 5 m | DZ | |
| 2 | cable extender 10 m | K180 | |
| 3 | Three point hitch mounting of the seeder | K300 | |
| 4 | Upper coupling pin | SZ | |

| | | |
|---|---|---|
| Aftercrop seeder (drill) | POPLON | |



| | Stratus 1 | Stratus 2 |
|---|---|---|
| X | 1 | 2 |
| [m] | 2,25 (2.4) | 2,25 (2.4) |
| [cm] | 800 | 1200 |
| | 540 / 1000 | |
| [KM/kW] | 60/44 | 80/58 |
| kg | 450 | 600 |

**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Mechanical rotational blowing<br>+ mechanical control of snow blowing angle "STRATUS 1" | ODS-3 | |
| 2 | Hydraulic rotational blowing<br>+ mechanical control of snow blowing angle "STRATUS 1" | ODS-3H | |
| 3 | Hydraulic control of snow blowing angle | HSK-ODS | |
| 4 | Side combs increasing width (standard 2.25m) | ODS-280 | |
| 5 | Attachment for changing the direction of rotation | BIMA | |
| 6 | High hydraulic rotational blowing<br>+ hydraulic control of snow blowing angle | PW1 | |
| 7 | Hydraulic drive (does not require PTO shaft) | NH | |
| 8 | "CATTELONI CARDANO" articulated shaft | OP7.101.101.090 | |
| 9 | Upper coupling pin | SZ | |

**Standard:**

- fixed mechanical snow blowing in two directions (right/left),
- shaft,
- skids with adjustable height,
- CAT II coupling,
- lower adjustment of the three point hitch.





**Optional accessories:**

| | | | |
|---|---|---|---|
| 1 | Mechanical rotational blowing<br>+ mechanical control of snow blowing angle | ODS-3/1 | |
| 2 | Hydraulic rotational blowing<br>+ mechanical control of snow blowing angle | ODS-3/1H | |
| 3 | Hydraulic control of snow blowing angle | HSK-ODS | |
| 4 | Side combs increasing width (standard 2.25m) | ODS-285 | |
| 5 | Attachment for changing the direction of rotation | BIMA | |
| 6 | High hydraulic rotational blowing<br>+ hydraulic control of snow blowing angle | PW | |
| 7 | Hydraulic drive (does not require PTO shaft) | NH | |
| 9 | "CATTELONI CARDANO" articulated shaft | OP7.101.101.090 | |
| 10 | Upper coupling pin | SZ | |

**Standard:**

- fixed mechanical snow blowing in two directions (right/left),
- shaft,
- skids with adjustable height,
- CAT II coupling,
- lower adjustment of the three point hitch.

| | | |
|---|---|---|
| Single screw snow blower "STRATUS 1" right and left blowing | STRATUS1 | |
| Double screw snow blower "STRATUS 2" right and left blowing | STRATUS2 | |

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