



ROPA

Superior class.



- ✓ Stepless hydraulically driven disc coulters
- ✓ Single row pickup (lanes) is possible



- ✓ Individually adjustable depth guidance of each ridge row
- ✓ Fully automatic ROPA ridge pressure regulation



- ✓ ROPA quick-change system as standard
- ✓ Prompt and easy change between potato and swath pickup



- ✓ Comfortable transportation due to 3 meters width and circuit air brake
- ✓ Street-legal - 40 km/h
- ✓ Small turning radius due to high turning angle and optimally placed axle





- ✓ Fully hydraulic drive, fuel efficient
- ✓ Independently of PTO rotational speed all cleaning devices maintain their optimal speed



- ✓ The finger comb (UFK) is in height and speed stepless adjustable for both sides
- ✓ Haulm conveyor, adjustable independently of the sieving web



- ✓ Telescope axle with automatic levelling system for increased stability
- ✓ Due to lifting with inserted axle a neighbour row remains unaffected



- ✓ Large discharge chutes
- ✓ Comfortable space for sorting staff
- ✓ Adjustable in height platform
- ✓ Pleasantly quiet due to smooth harvester run



- ✓ Automatic hopper filler
- ✓ Large hopper capacity
- ✓ Optimum root protection due to cloth walking floor
- ✓ Comfortable overloading also on high trailers



- ✓ Gentle and efficient cleaning
- ✓ High capacity
- ✓ Excellent haulm separation
- ✓ Low and easy maintenance



- ✓ Fully hydraulic drive of the whole harvester
- ✓ Independently of PTO rotational speed all cleaning devices maintain their optimal speed
- ✓ Less fuel consumption at reduced engine rotational speed of the tractor



Excellent accessibility
for service and
maintenance

Working platform, 300 mm extendable -
immense working area allows freedom of movement



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Comfortable and intuitive operation

Ergonomically adaptable to every tractor cab, compatible with any ISOBUS terminal





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- ✓ Large volume tyres for higher soil protection, easy to pull

Technical data:

Length: 11,800 mm

Width: 3,000 mm

Height: 3,990 mm

Coupling:

Ball joint coupling with 80 mm diameter (country-specific achievable). The length of the draw-bar is 2,565 mm.

Tyres:

The potato harvester is equipped with two large radial tyres 850/50 R 30.5 in standard variant with less than 2 bar tyre inflation pressure.

Telescopic axle:

Improved stability of the potato harvester is reached due to a telescopic axle, so that the machine's outer track doesn't exceed 3,000 mm for transportation and lifting through. For lifting the axle can be widened up to 3,500 mm.

Drive:

The drive is 100% hydraulic. Thus, all sieving conveyors and cleaning units can be adjusted stepless and independently from the PTO shaft rotational speed. The driving speed or harvester's rotational speed remain constant as long as the tractor PTO shaft provides min. 650 rpm.

Pickup:

The pickup unit is equipped with a ROPA quick-change system. The row width can be chosen from 750 mm up to 900 mm. Four disc coulters are stepless adjustable to the corresponded to each other distance. The ridge pickup is carried out with two differently configured diablo rollers. Two haulm intake rollers ensure smoothly leaves transportation. The outer disc coulter can be driven hydraulically, an additional disc coulter is available optionally (Note: extra wide!).

Ridge guide:

As standard the harvester is provided with ridge centering function. Optionally, the depth control can be performed hydraulically. As well as an automatic ridge pressure relief or hydraulic pressure control (hydraulic depth control is required).

Sieving channel:

Width sieving conveyor 1: 1,600 mm

Width sieving conveyor 2: 1,488 mm

Optionally, V2A stainless steel sheets are available for the sieving channel, as well as hydraulically driven and in speed continuously variable shaker.

Leaf separation:

The leaves separation is arranged with a 1,600 mm wide leaf-conveyor and rubberized leaf-separators, situated one after another in 6 rows.

Trash separation:

Separation unit 1 with 1,450 mm wide studded rubber belt and triple deflector rollers.

Separation unit 2 with 1,160 mm wide rubber pads and twin deflector rollers.

Separation unit 3 with 700 mm wide studded rubber belt and twin deflector rollers.

Separation unit 4 with 1,300 mm wide studded rubber belt and finger comb (UFK) with four rows of fingers. Speed, height and angle are stepless adjustable from the tractor seat.

Trash track:

350 mm wide, speed is stepless adjustable independently from the picking conveyor speed.

Picking table:

Width: 1,100 mm

Length: 1,900 mm

The sorting table has enough space for 5 people. Large-dimensioned chutes guarantee a clogging-free drag out of trash. Two in height adjustable platforms enable an individual adaption on body size. Foldaway ladders offer an ergonomic and save ascent and descent.

Operation at harvester:

All functions of the potato harvester can be controlled from the sorting platform via the operating control including a warning device. Furthermore the speed of the



sorting web can be adjusted stepless by a separate rotary switch.

Hopper:

The cloth-ground tank seizes around 8 t. The width of the hopper is 2,235 mm and it achieves an overload height of 4,200 mm. The two-stage drive is stepless adjustable. Optional, the machine can be equipped with an automatic filling function for an optimal and comfortable filling of the tank. The tank can be supplied by an articulation unit, so the falling height of the trailer can be reduced thus providing perfect trailer filling. Optionally, a hydraulically foldable box filler in different outflow sizes is available.

Control:

The control is enabled with ISOBUS. ROPA ISO-BUS standard terminal can be delivered on demand. Optionally, a touch terminal is available.

Additional equipment:

Video monitoring via the colour screen and colour cameras available on demand, as well as LED working lights.



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