



Pumpkin seeds are
our passion!



KE 3000 hydroS

hydraulically driven pumpkin seed harvester

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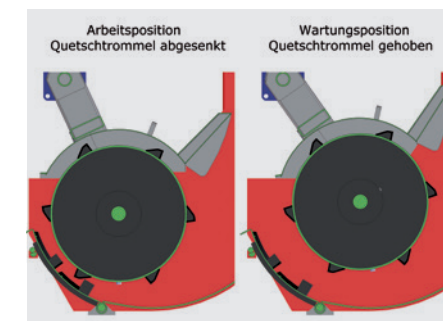
YOUR ADVANTAGES

- economical operation due to reduced fuel consumption and reduced hydraulic oil volume
- pure, clean seeds, minimal losses
- all the movements hydraulically driven (Danfoss and Poclain hydraulic components)
- ARS-cleaning system – without suction fan – silent operation, no dust
- crushing drum with automatic stone protector – reduction of idle time
- automatic level control
- electronic control system with large display
- high resale value



CENTRAL LUBRICATION

The central lubrication system provides a considerable reduction of the daily maintenance effort. The running time of the machine will be extended, labour costs will be reduced.



STONE PROTECTOR

Automatic stone protector- In case of an obstacle in the crushing unit, the crushing drum will lift automatically in order to pass the obstacle. Big stones will become free for the operator to remove. Prevention of machine shutdown caused by stones.



SCREWED CRUSHING LEDGES

The screwed crushing ledges of the crushing drum can be easily replaced. High durability due to wear-resistant steel.



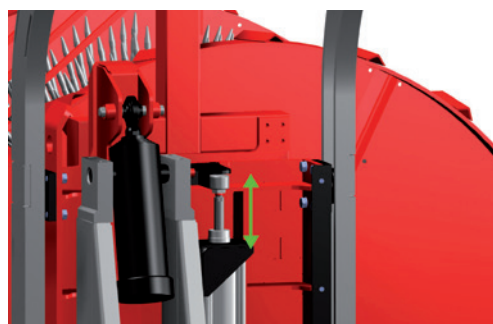
ARS 2.0 – CLEANING SYSTEM

The cleaning of the seeds is done in the ARS cleaning system. Due to the rotating external drum the separation surface will be increased. This also allows a good self-cleaning of the drum. The ARS 2.0 cleaning system provides an increased throughput and is optimized with regard to wear and tear.



CONTROL UNIT

Electronic control system with large display - tethered. Speed of the conveyor and the crushing drum via display adjustable. Operating hour counter with "reset" function.



PRESSURE RELIEF FOR PICK-UP

Reduction of the ground pressure applied by pumpkin pick up. Individually adjustable support pressure via pneumatic cylinder.



SCREWED TIPS

The screwed tips of the pumpkin pick-up can be easily replaced in case of damage. The wide pumpkin pick-up enables a fast and efficient harvesting.



DISTRIBUTION PLATE

The distribution plate ensures an equal distribution of the pumpkin pieces on the field. The rotting will be accelerated. Soil work can be anticipated.



FAST-LIFT OF THE OUTSIDE POSITIONER

Before the pick-up drum is lifted from the ground, the positioner is lifted. This allows faster headland-turning and avoids damage due to side loads.

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TECHNICAL DATA:

Performance:	1,2-1,5 ha / h
Power consumption:	min. 80 KW / 110 hp
Dimensions (LxWxH):	7.100 x 2.800 x 3.860 mm
Weight:	ca. 7.500 kg
Hydraulic connectors:	1x double action (hydraulic jack) 2x single action (pumpkin pick-up and crushing drum)

STANDARD EQUIPMENT

PUMPKIN PICK-UP

- movable inner and outer pumpkin positioner
- reinforced Farmflex wheels
- conveyor with optimized support rollers – less dirt
- pumpkin pick-up: diameter 1.700 mm, 10 rows
- pumpkin pick-up-hydraulically liftable and foldable into street position

CRUSHING UNIT

- NEW! exchangeable sheet in the inlet area of the crushing unit
- crushing drum rotation speed continuously adjustable
- stone protector- stones are freed by automatic lifting the crushing drum
- crushing plate with 2 x 4 knives
- crushing drum with 5 crushing sectors

PUMPKIN SEED SEPARATION AND CLEANING

- screening drum length: 3000 mm
- NEW! 6 carrier rubbers
- NEW! screening drum with 4 and 5 mm clearance
- optimised 2.0 ARS abrasive cleaning system - increased throughput
- camera at ARS cleaning system – for monitoring the seeds

SEED TANK AND EMPTYING

- seed tank capacity approx. 1.800 kg
- filling level indication for seed tank
- hydraulically movable emptying auger
- max. discharge height: 3.300 mm

CONTROL SYSTEM

- electronic control system with large display – automatic level control
- speed of the belt conveyor and crushing drum via display adjustable
- operating hour counter with “reset” function

DRIVE

- hydraulic drive with Danfoss and Poclain hydraulic components
- initial speed 750 rpm (1000 rpm possible on demand)
- double wide-angle PTO drive shaft (Walterscheid)
- oil tank 180 l with hydraulic oil cooler- load sensing oil pump
- closed hydraulic circuit for crushing drum and oil cooler with dedicated oil pump

GENERAL

- compressed air system
- reinforced braking axle
- tires 600/40-22,5
- K80 ball hitch with hydraulic jack (Drawbar eye D40 or D50 possible on demand)
- 2 working light (LED) – switchable via control unit
- Austrian road approval 25 km/h industrial or agriculture and forestry

moty

Your reliable partner for pumpkin seed harvesting technology

Moty has been developing, producing and distributing pumpkin seed harvester for over **50 years**. Our long-time experience in Austria and abroad enables us to develop and produce harvesters according to the special requirements of our customers.

Moty is your reliable partner with machines, know-how and service.

PUMPKIN SEED HARVESTER



ROLLMAX PUMPKIN WINDROWER



WASHING PLANT



DRYER



ADDITIONAL EQUIPMENT

- NEW! Fast-lift for pumpkin positionner
- NEW! Long emptying auger (max. discharge height 3.660 mm)
- central lubrication system
- pick-up with screwed tips
- crushing drum with screwed crushing ledges
- pressure relief for pick-up
- distribution plate



PROVEN TECHNOLOGY



GENTLE TREATMENT OF YOUR HIGH-QUALITY SEEDS



FAST AND EFFECTIVE HARVESTING PROCESS



HIGH RESALE VALUE



RELIABLE AND PROMPT DELIVERY OF SPARE PARTS



COMPETENT TECHNICAL SUPPORT



moty

Pumpkin seeds are our passion

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