

POTATO TECHNOLOGY
BEET TECHNOLOGY
VEGETABLE TECHNOLOGY

GRIMME

SE 260

2-row, off-set pulled potato harvester with 6 t bunker



SE 260

Special features at a glance:

Ergonomic picking platform

provides a comfortable workplace for up to seven people.

Operator terminal GBT 817 at the picking table

allows changing of important functions directly at the picking platform

6-ton bunker (standard)

enables digging on long fields without unloading

Bunker head lowering (option)

ensures gentle crop transfer into the transport trailer

5.5-ton-NonstopBunker (option)

allows nonstop digging and highest gentle crop handling during unloading by using the whole bunker volume. An increased output of up to 20% is possible compared to standard bunker.

Operator terminal SKE-S (standard)

for simple and clear operation of all important machine functions

Operator terminal VC 50 with GBX 860 and GBX 870 (option)

allows a comfortable and intuitive operation of the harvester via touchscreen, membrane keys and joysticks

ISOBUS compatible operator terminal CCI 100 (option)

extendable with additional devices and various apps for the multifunctional and cross-product use

Visual Protect (option)

facilitates an all-round function monitoring of your harvester



1st separator with scraper roller

for efficient separation of haulm residues and small clods

2nd separator

- UB-separator for best separation on cloddy soils
- NB-separator for light soils with small trash proportion

Large range of wheels

for all soil and digging conditions

Large wheels

minimising soil pressure and support good traction

Steering Axle

Enhances headland manoeuvrability

Automatic levelling (option)

Ensures the maximum sieve area is used on slopes

Patented high cam belts

for highest gentle handling of the crop on the main webs

Infinitely adjustable rocker agitator (option)

supports gently the sieving performance of the first main web on heavy soils

2nd main web with deviner web

for efficient separation of potatoes and haulm

Automatic self-centre steering (option)

supports you with the accurate row guidance of the machine on the ridge

hydraulic ridge relief (option)

avoids ridge compacting by reducing the pressure on the ridge

TerraDisc (option)

disc coulter intake for heavy soils, without diablo rollers

TerraControl (option)

avoids compacting of the ridges and keeps the digging depth on a constant level

Strong sieving

The main web concept

Highest sieving performance and a gentle transport of the potatoes are important requisites for a successful harvest.



Optimum speed

3-step gearbox

The 3-step gearbox allows a simple speed adjustment to the digging conditions. With the matching speed of the tractor, it can always run in an optimum speed range.



Exact guidance

Diablo roller intake unit

This intake unit has been tried and trusted many a time, it consists of large dimensioned spring mounted disc coulters and haulm feed-in rollers.



Digging without blockage

TerraDisc

TerraDisc is the name for the disc coulters intake unit without diablo rollers, with depth control via skids. TerraDisc is especially suitable for heavy soils, as it does not compact the ridges.

Ridge pressure and constant digging depth

TerraControl

TerraControl avoids compacting of the ridges with a constant ridge pressure and keeps the digging depth on a constant level under all digging conditions.



Variable sieving

Rocker agitator

Variable sieving performance adaption to the varying digging conditions with the rocker agitator (option) in the first main web. For less soil sticking in the main web channel and therefore higher gentle crop handling stainless steel panels are available as an option (1).



Best quality

Windrowing

Windrowers are in use to increase the skin set of the crop, to pick up brighter crop and therefore to reach the best possible quality of the crop.

Drying costs can be reduced with the 2-phase system.

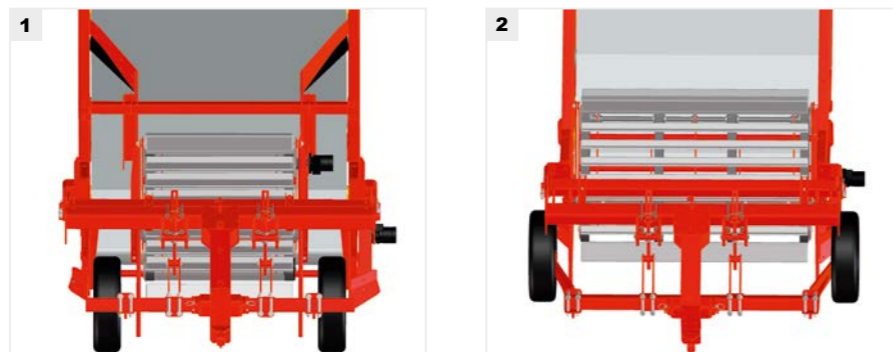


Versatile useable

Windrow intake

The windrow intake includes a digging shaft in front of the main web and a hydraulically driven brush web. Thus transfers the crop gently into the harvester takes only a minimum amount of soil into the machine. For a smaller yield and small created swath a 90 cm wide brush is available (1). For high yield crop and wide swath a 150 cm wide brush is available (2).

A quick change frame to change between a windrow intake (3) or diablo roller intake unit (4) is available as an option.



Haulm separation

Deviner web

Sieving, separating, conveying: three functions in one working procedure. A minimum drop height ensures a gentle crop flow from the 1st to the 2nd main web. Following the crop is transported in portions upwards in pockets.



High throughput

1st separator

The small drop height from the 2nd main web to 1st separator ensures gentlest crop handling. The triple roller scraper enables highest throughput.



Use on light soils

NB separator

The NB-separator for light soils with small trash proportion. The final conveyor at the end of the picking table (1) works very gentle as it reaches deep into the bunker, also when the bunker is lifted for unloading.

Maximum separating performance

Clod separator

The speed of the two finger belts of the UB separator are infinitely adjustable. They are thus optimally suited for use on soils with a high clod but low stone content.



Handpicked harvesting

Picking platform

The generous picking platform provides a comfortable workplace for up to seven persons. With the stone box (1) (option) trash and stones can be stored at the field side.



Simple picking

Grading unit

The pre-cleaning rollers (2) separate small crop and clods from the crop flow before it flows onto the picking table to make it easier for the picking staff.

With the grading unit (3) it is possible to separate smaller crop and store in a separate box (option).



Gentle bunker filling

Ultrasonic sensor

Alternative to the optical sensor an ultrasonic-sensor is available as an option. The ultrasonic-sensor is an optimum solution for those who harvest different potato kinds with different colours during the season.

High Capacity

Moving floor bunker

As standard the SE 260 is equipped with a 6 tonne bunker. The wave-like bunker floor ensures a fast and gentle crop unloading. The cushion (1), available as an option ensures an even more gentle crop handling.



Simple box filling

Bunker end box filling chute

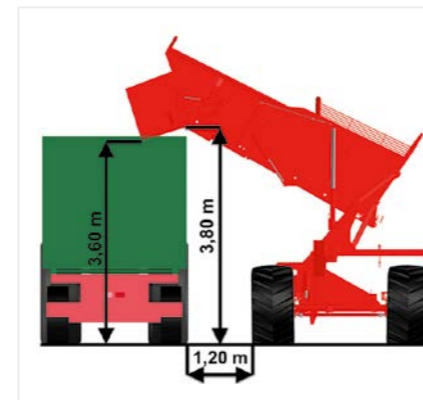
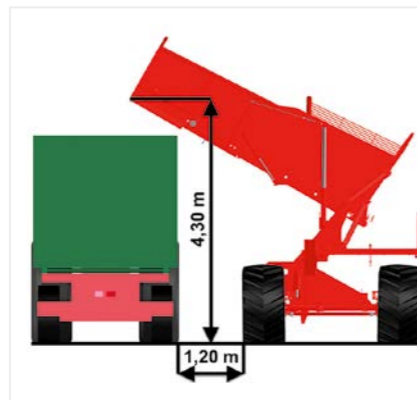
The box filling chute is the perfect solution for direct box filling or to reduce the drop height whilst unloading into a trailer.



Highest crop protection

Bunker head lowering

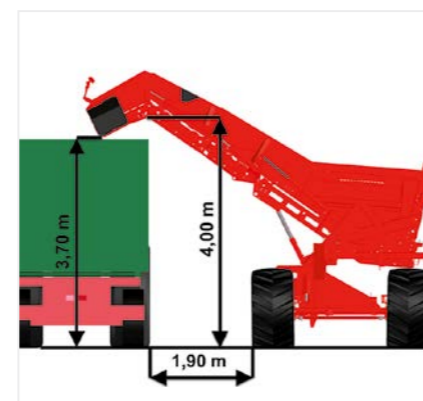
The moving floor bunker can be equipped with an adjustable bunker head lowering as an option, for a minimum drop height from the bunker into the trailer during unloading.



Quick and gentle

NonstopBunker

The patented unloading bunker with 5.5 t bunker volume realizes a fast but very gentle emptying into the trailer. The revolving bunker floor allows a constant full filling of the bunker. An increase of up to 20 % is possible compared to standard bunker.



NONSTOP
Bunker



Highest comfort

Chassis

The axle steering increases the maneuverability of the harvester.

The automatic axle self-centre steering increase the operating comfort for the driver whilst putting the axle back into straight forward position.

The levelling automatic ensures an optimum use of the sieving area as the machine is always levelled.



Versatile choice

Wheels

The right wheel for the different soil conditions (from left to right): 600/55-26.5 (standard), 710/45-26.5, 710/50 R26.5 CARGOXBIB, 710/50-30.5 und 800/45-30.5 (1).

The narrow wheels (2) help to avoid damage as they do not drive over the ridges when opening up.

Following wheels are available: l/h-side: 2x 340/85 R38, r/h-side: 710/50-30.5.

The narrow wheels are only available for row width 75 cm.



Versatile options

Machine operation

The standard operator terminal SKE-S (1) for intuitive operation, even for unexperienced user.

The free programmable operator terminal VC 50 (2) with integrated hectare meter, field start / end functions and extensive diagnostic functions and the ISOBUS compatible operator terminal CCI 100 (3) are available as an option.

The control box GBX 860 (3) gives direct access to key functions such as field start /field end, automatic levelling and steering axle.

The control box GBX 870 (4) is fitted to the l/h-side in the tractor cab, as it has all functions for the unloading of the moving floor bunker preprogrammed.

The free programmable multifunctional joystick (5) is available as an option in lieu of the GBX 860. Five double acting functions as well as the X- and Y-axis are freely programmable.

Important machine functions can be easily operated from the operator terminal GBT 817 (6) at the picking table.



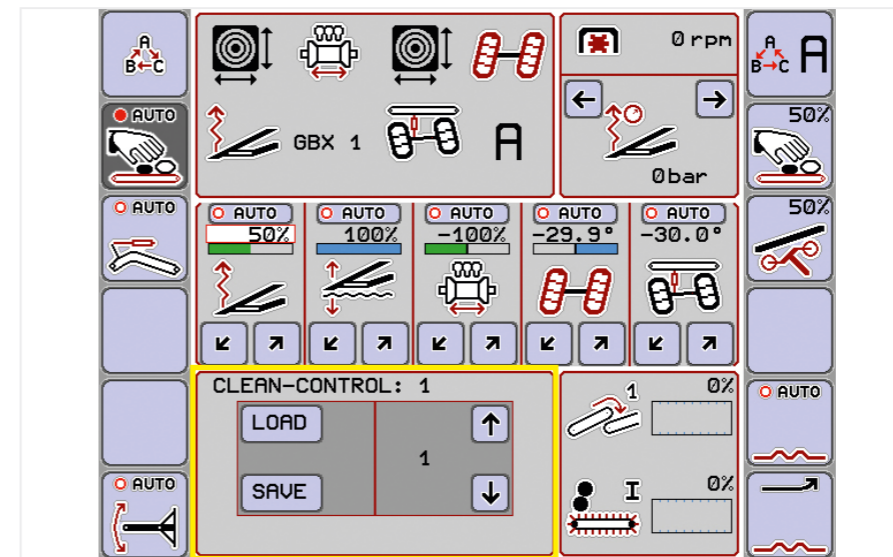
Relief for the driver

Assistance systems

Visual Protect detects automatically errors and shows the concerned area of the machine on the monitor. Also when operating specific functions the respective camera automatically is shown on the monitor.



Speedtronic is the load dependant fully automatic speed control for the 1st and 2nd separator as well as for the picking table. The driver is relieved from all manual monitoring and control jobs, blockings are minimized while crop protection is maximized.



Clean Control allows the central adjustment of the drives and separators. It is possible to save settings as speed, adjusting angle and limit values for different harvesting conditions and recall these quickly if required. Up to 16 programs can be saved and allow you to set your harvesting performance from gentle to output-oriented.

Weather resistant workingplace

Canopy

The canopy gives protection against sun, rain, wind and cold. The additional available working lights allow also digging in the dark.



Technical data

	SE 260
Length	11300 mm
Width	3300 mm
Height with moving floor bunker / overloading bunker	3825 mm / 3990 mm
Empty weight with basic configuration	maximum load 9200 kg
Drawbar eye / low hitch	X
Input speed p.t.o.-shaft	540/1000 r.p.m. PTO
1 st main web width	1500 mm
2 nd main web width	1700 mm
1 st main web sieving area	4.8 m ²
2 nd main web sieving area	3.9 m ²
Deviner web width	1700 mm
1 st separator width	1500 mm
2nd separator width	1300 mm
Picking table width	915 mm
Trash web width	280 mm
Picking personal	4+3
Capacity moving floor bunker / overloading bunker	6000 kg / 5500 kg
Bunker unloading height	4200 mm
Wheels	600/55-26.5
Air brake	X
Hydraulic brake	X
Transport speed	20 – 40 kmph
Power requirement	85 kW
Oil flow	60 l/min
Required control valves (single acting)	1
Required control valves (double acting)	1
Non-pressurized return flow	1
Permitted bearing load drawbar	2120 kg





No claims can be raised in respect of texts, illustrations, technical specifications, dimensions and weights, equipment as well as performance specifications. They are approximate and non-binding. Changes in the course of technical enhancement are possible at any time.



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