

GL 32 E



This machine model is for small farms who are looking for a light, simple machine, easily attached to the tractor hydraulics. It benefits from the practical detailed solution of the innovative planting elements of the GL 30 series.

Grimme Planting machine GL 32



Furrow opener in parallelogram



Fix furrow opener



Planting element



Ridging body with covering discs

Arguments

- Powerful planting element ensures good planting
- Height adjustable axle
- Manual height adjustable large furrow opener with exchangeable top
- Furrow opener with feeler wheel (option)
- Ridging bodies in lieu or behind covering discs (option)
- Various options for the individual requirements

Technical datas	
Number of rows	2
Row width, adjustable	75-90 cm
Tyres	2x 7.00x12AS
Tyres (option)	2x11.00x12AS
Bunker capacity at 75 cm row width	500 kg
Hydraulic operated tipping bunker at 75 cm RW	-
Planting distance	19 steps
Planting distance with red cups	14,5 - 47 cm
Planting distance with green cups	16 - 52,5 cm
Furrow opener	fix/adjustable
Furrow opener on parallelogram	option
Covering discs with ball bearing	series
Machine weight	460 kg
Machine width at 75 cm row width	2 m
Tractor power	from 37 kW

GL 34 E



A machine for those who are looking for an easy to operate 4-row planter. Easily attached to the tractor hydraulics. It benefits from the practical detailed solution of the innovative planting elements of the GL 30 series.

Grimme Planting machine GL 34 E



Innovative and powerful planting element



4 height adjustable carrier wheels enable planting in loose soils.



Furrow opener on parallelogram for exact depth control



Gentle bunker filling with the hydraulically tipping bunker (option)

Arguments

- Powerful planting element ensures good planting
- Height adjustable axle
- Manual height adjustable large furrow opener with exchangeable top
- Furrow opener with feeler wheel (option)
- Ridging bodies in lieu or behind covering discs (option)
- Various options for the individual requirements

Technical datas	
Number of rows	4
Row width, adjustable	75-90
Tyres	4x 7.00x12AS
Tyres (option)	4x11.00x12AS
Bunker capacity at 75 cm row width	900 kg
Hydraulic operated tipping bunker (only at 75 cm row width)	1.000 kg
Planting distance	in 19 steps
Planting distance with red cups	14,5 - 47 cm
Planting distance with green cups	16 - 52,5 cm
Furrow opener	fix/adjustable
Furrow opener on parallelogram	option
Covering discs with ball bearing	series
Machine weight	800 kg
Machine width at 75 cm row width	3,2 m
Tractor power	from 50 kW

GL 34 TE



Lightweight and compact machine with a large bunker for the use with small tractors. Trailed planter with two wheels running in the tractor track. Two wheels in the front drive the planting elements. Adjustment of the planting distance from the side. Furrow opener on parallelogram as standard. Lane marker with tines. Large tipping bunker for filling from the trailer. Road transport width is 3 meter. Only two control boxes necessary (bunker/chassis). It benefits from the practical detailed solution of the planting elements and covering unit of the GL 30 series.

Grimme Potato Planter GL 34 TE



Chassis on two wheels



Furrow opener on parallelogram (series)



Running wheels for planting elements



Comfortable adjustment of the planting distance

Arguments

- Powerful planting element ensures good planting
- Furrow opener on parallelogram
- Covering discs with ball bearing
- large tipping bunker
- for the use with smaller tractors
- Attachment of two tanks for liquid pickling device possible (option)
- 3 m transport width

Technical datas	
Number of rows	4
Row width	75
Tyres	2x 11.5/80-15.3 AS
Bunker capacity	1.700 kg
Planting distance	in 19 steps
Planting distance with red cups	14,5 - 47 cm
Planting distance with green cups	16 - 52,5 cm
Furrow opener on parallelogram	series
Machine weight	1.680 kg
Machine width	3,0 m
Tractor power	from 50 kW

GL 32 F



Grimme Potato Planter GL 32 F

Robust constructed planter is ideal for those who are looking for a versatile, mounted machine, easy to operate and economical for the daily use. The machine benefits from the practical detailed solution of the innovative planting element of the GL 30 series. With fixed hopper, height adjustable furrow opener with wearing resistance share. Furrow opener on parallelogram available as option. Covering discs with ball bearing. The robust frame and axle construction is based on the and stable 4-row machine. Therefore attachment for bunker extension, fertilizer unit, shaping board or moving floor unit is possible.



GL 32 F with fertilizer unit (option) and shaping board.



Ridging body



Wheels at the rear for machines with 1.000 kg bunker and moving floor bunker



Tipping bunker for filling from trailer.

Arguments

- Versatile, mounted machine
- Various options of the GL 30 series available to match the machine to the respective conditions
- Robust frame and chassis enables simple attachment of
 - Fertilizer unit
 - Ridging bodies and shaping board
 - Ridging Hiller
 - Moving floor for chitted seed
 - Tipping bunker in lieu of fix bunker

Technical datas	
Number of rows	2
Row width	75 cm fix
Row width (option)	75 - 90 cm fix
Front wheels	11.00/65-12 AS
Rear tyres (option with moving floor bunker)	11.00/65-12 AS
Bunker capacity with fixed bunker	600 kg
Special fixed bunker (with rear tyres)	1.000 kg
Planting distance	27 steps
Planting distance with red cups	14,5 - 47 cm
Planting distance with green cups	16 - 52 cm
Fix furrow opener	Series
Furrow opener on parallelogram	Option
Covering discs with ball bearing	Series
Machine weight	650 kg
Machine width at 75 cm row width	1,84 m
Machine height	1,75 m
Machine length	1,90 m
Tractor power	from 44 kW/ 60 HP

GL 34 F/KL



Grimme Potato Planter GL 34 F/KL

Robust constructed planter ideal for those who are looking for a versatile, mounted machine, easy to operate and economical for the daily use. The machine benefits from the practical detailed solution of the innovative planting elements of the GL 30 series. With fix hopper and height adjustable furrow opener with wearing resistance share. Furrow opener on parallelogram available as option. Covering discs with ball bearing. The robust frame and axle construction is based on the stable 4-row machine. Therefore attachment for bunker extension, fertilizer unit, shaping board or moving floor unit is possible. In combination with a shaping board is a tractor with twin wheels recommended.



Machine with fix bunker and shaping board



High capacity with 4 wheels



Wheels in front of the machine enable good ridge shaping



Front frame to assemble furrow opener with discs for planting in mulch rows

Arguments

- Robust frame and chassis enables simple attachment of
 - Fertilizer unit
 - Ridging bodies and shaping board
 - Ridging Hiller
 - Moving floor for chitted seed
 - Tipping bunker in lieu of fix bunker
- Versatile, mounted machine
- Large fix bunker
- Hydraulically tipping bunker for filling from trailers (option)
- Powerful planting element ensures good planting
- Basic machine for the use with small tractors

Technical datas	GL 34 F	GL 34 KL
Number of rows	4	4
Row width	75 cm fix	75 cm fix
Row width (option)	75 - 90 cm	75 - 90 cm
Wheels (tractor track)	2 x 11.00/65/12 AS	---
Wheels outside *	2 x 11.00/65/12 AS	---
4 wheels	4 x 11.00/65/12 AS	4 x 11.00/65/12 AS
Bunker capacity tipping bunker	---	1.300 kg
Bunker capacity with fixed bunker	1.200 kg	---
Fix furrow opener	series	series
Furrow opener on parallelogram	option	option

*)= **Attention:** Transport width for road transport is over 3 m with wheels outside!

GL 34 K



High output potato planter. The wheels run behind the covering discs for an optimum weight spread. Simple planting distance adjustment in 27 steps, easy to reach from the side. Very large bunker with 1.400 kg capacity or 1.700 kg capacity as option. Wheels to slide-in to ensure 3 m machine width for road transport with 4 wheels.

Grimme Potato Planter GL 34 K



Wheels running in tractor track



Wheels running at the outside



4 wheels ensure reduced ground pressure



Large bunker with 1.700 kg capacity for long fields

Arguments

- High output machine
- Powerful planting element ensures good planting
- Wheels behind covering discs for less ground pressure
- Versatile wheel 2 inside, 2 wheels outside or 4 wheels for good transport
- Large bunker for long fields

Technical datas	
Number of rows	4
Row width	75 cm
Row width option	75 - 90 cm
Wheels (tractor track)	2 x 10.8 x 12
Wheels outside (row width 75 cm)	2 x 7.5 x 16 AS
Twin wheels	4 x 10.80 x 12
Bunker capacity	1.400 kg
Bunker capacity with twin wheels (option)	1.700 kg
Bunker filling height	0,75 m
Planting distance	
Planting distance with red cups	14,5 - 47 cm
Planting distance with green cups	16 - 52 cm
Furrow opener on parallelogram with feeler wheel Ø 400 mm	Series
Covering discs with ball bearing	Series
Tractor power	63 kW / 85 HP
Machine width at 75 cm row width (wheels inside)	3 m
Machine width at 75 cm row width (wheels outside)	3,28 m
Machine width at 75 cm row width (wheels outside) for road transport (adjustable wheels)	3 m
Length	2,30 m
Height	1,70 m
Weight	1.250 kg

RT 300



Grimme Rota Tilla 300 cultivator. Cultivation for potatoes is not easy on heavy lands. Traditional cultivator do not crumble the soil fine enough and multiple journeys across the field compact the soil. Many tines crumble the soil without ground pressure. For front attachment is the machine kept with a large roller on the ground. At the rear forms the shaping board well-shaped ridges that the tractor does not refasten the soil. The housing is spring loaded to remove the soil via vibration. The rotor shaft can run either in front or rear attachment. The rotor shafts kept in flanges.

Grimme Cultivator Rota Tiller RT 300



Rear mounted Rota Tilla



Spring loaded housing for self-cleaning



Robust tines in front of the steel roller to break the clods



3-step gearbox

Arguments

- Robust designed machine
- Gearbox, side drive and rotor shaft are from the proven Howard machinery range
- Spring loaded housing for self-cleaning
- Large steel roller ensure good transport
- Clod breaker in front of the steel roller (option)

Technical datas	
Change from front to rear mounting	Turning of the rotor shaft
Tine rotor	Ø 620
Number of tines	100
Castor wheels	2x Ø 550 air 155 R 13
Tragwalze	Ø 480
3-step gearbos	1.000 rpm
Rotor speed	355/400/450
Side drive	Spur gear
Working width	3 m
Weight	1.550 kg

GF 75/90-2



Robust rotary hiller based on the reliable 4-row hiller- Robust tine brackets and tines inclusive bolt fixing 14 + 16 mm screws. The gearbox is the same as at the 4-row hiller and with overrun clutch.

Grimme Rotary Hiller GF 75/90-2



On welded tine brackets and tines with hard -wearing tips



Big opening to clean the machine



Sprung loaded shaping hood mounted on parallel



Heavy duty gear side drive

Arguments

- Heavy duty gearbox
- Pto-shaft with overload clutch
- Angle gearbox drive to one side
- Rotor shaft bearing
- Same power unit as on the 4-row hiller for high capacity
- Half clamps with hard metal knives for full width work

Technical datas	GF 75-2	GF 90-2
Number of rows	2	2
Row width	75 cm	90 cm
Number of tines (pcs.)	32	44
Tine measurement	50x12 mm	
Tine fixing with two bolts each	14+16 mm	
Tines for stony soil 60 x 12 mm	16 pcs.	22 pcs.
Working / transport width	1,55/1,85	1,85/2,15
Tractor power	40 kW	50 kW
Weight	800 kg	900 kg
Angle gearbox drive	150 HP	
Rotor revs. with tractor 1.000 rpm	320	

GF 75/90-4 ECO



Long living Rotary Hiller. Robust tine brackets and tines inclusive 14 + 16 mm screws. Pto-shaft with overrun clutch.

Grimme Rotary Hiller GF 75/90-4 ECO



Heavy duty gear side drive



On welded tine brackets



Adjustable support wheels



Shaping board

Arguments

- Robust gearbox
- Pto-shaft with overrun clutch
- Heavy duty gear side drive
- Sealed rotor shaft bearing
- Rotor shafts with on welded tine brackets
- Tine fixing with 14 + 16 mm screws

Technical datas	GF 75-4 ECO	GF 90-4 ECO
Number of rows	4	4
Row width	75 cm	90 cm
Number of tines (pcs.)	64	74
Tine measurement	50x12 mm	
Tine fixing with two bolts each	14+16 mm	
Tines for stony soil 60 x 12 mm	29 pcs.	37 pcs.
Working / transport width	3,05 / 3,30	3,65 / 3,90
Tractor power	ab 70 kW	
Weight	1.400 kg	1.450 kg
Angle gearbox with solid drive	150 HP	
Rotor revs. with tractor 1.000 rpm	320	

GF 75/90-4



The Grimme Rotary Hiller GF for heavy conditions for re-ridging the soil after planting on the flat. The heavy duty gear side drive ensures a long lifetime. The angle gearbox drive is either for one or both sides.

Grimme Rotary Hiller GF 75/90-4



Heavy duty gear side drive



Gear to drive both sides



Tines and tine brackets



4 or 5 hard metal tines with wide share

Arguments

- T-gear for high speed
- Drive of both sides available as option
- Angle gearbox drive to one side
- High dimensioned rotor shaft

Technical datas	GF 75-4	GF 90-4
Number of rows		
Row width	4 / 75 cm	4 / 90 cm
Number of tines (pcs.)	64	74
Tine measurement	50x12 mm	
Tine fixing with two bolts each	14+16 mm	
Tines for stony soil 60 x 12 mm	29 pcs.	37 pcs.
Working / transport width	3,05 / 3,30	3,65 / 3,90
Tractor power	from 70 kW	
Weight	1.400 kg	1.450 kg
Angle gearbox with solid drive	150 HP	
Rotor revs. with tractor 1.000 rpm	320	
Heavy duty gearbox with single or twin drive (option)	230 PS	
Rotor revs. with tractor 1.000 rpm	320	
Gear transmission change	option	
Rotor revs. with tractor 540 rpm	on demand	
Rotor revs. with tractor 750 rpm	on demand	
Rotor revs. with tractor 1.000 rpm	300, 332 rpm, further as option	

GH 4



4 row Grimme Ridging Hiller with double toolbar onto which a choice of ridging bodies, discs or tines can be fitted. 1 loosening tine per furrow is attached to the front frame. Various types available for various ground conditions. Attached shaping board with spring loaded pressure bars.

Grimme Ridging Hiller GH 4



Trapezoidal ridges with speed plates (option)



Cage rollers



Support roller



Guiding disc

Arguments

- Double toolbar consists of a robust welded frame, onto which a choice of ridging bodies, discs or tines can be fitted
- Fixed ridging bodies for stone free grounds
- Spring loaded ridging bodies for stony grounds
- Spring loaded ridging discs for wet conditions (e.g. early potatoes) (The disc lift the soil to put it on the top of the ridge)
- Various tines for various conditions
- Shaping board with spring loaded pressure bar
- Cage rollers for loose, crumbly ridge surface which absorb water very well

Technical datas	
Number of rows	4
Row width	75 cm Option: over 75 cm
Choice of ridge shaping with	- Ridging body, fix - Ridging body, spring loaded - Ridging discs, Ø 560mm, spring loaded
Loosening tines	Option
Weight	800 kg
Width at 75 row width	3.280 mm
Length	2.500 mm



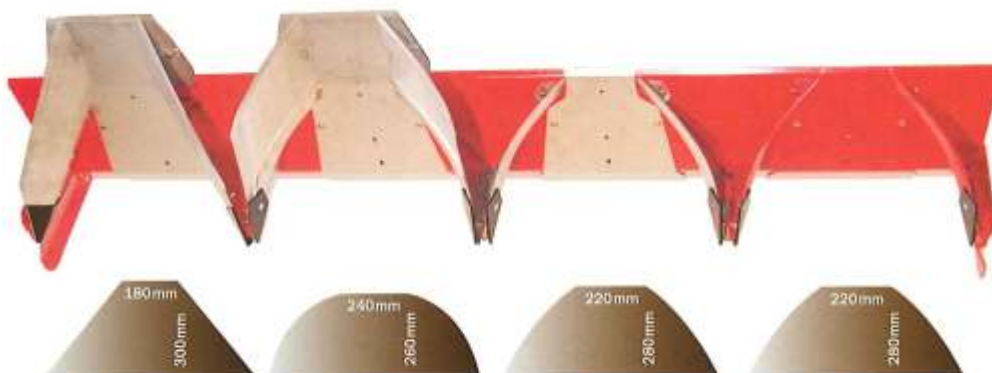
Ridging body, fixed



Ridging body, spring loaded



Ridging discs, spring loaded



Trapezoidal ridges with speed plates (option)

Round bodies stainless steel shaping board with speed plate (option)

Round bodies stainless steel shaping board (option)

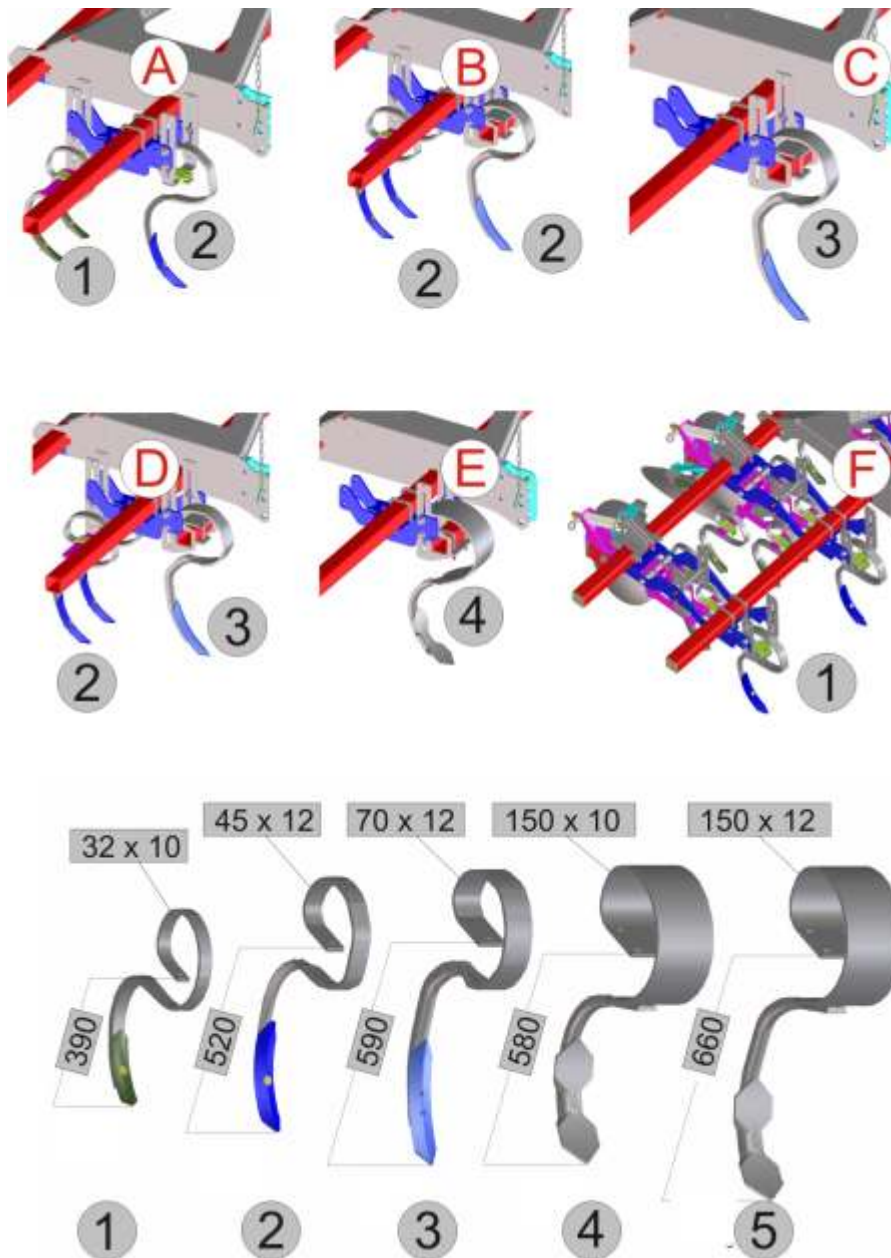
Round bodies shaping board (standard)

Shaping board types

GH 4

Code-no.	Description	Price in €
9410	Ridging Hiller GH 4 Double toolbar with fix or spring loaded ridging body at row width 75 cm with shaping board, without soil retention plates and without loosening tines	3.650,-

Tines

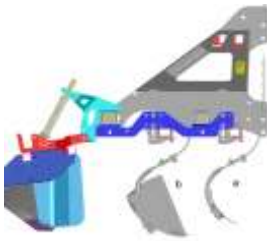


GH Single Row Ridging Hiller



Single row Ridging Hiller GH. As an option it is possible to connect each row shaper to create a single hood. Easy driving between the rows, even with bigger plants for mechanical weed control. The spring loaded shaper moves soil onto the ridge.

Grimme single Ridging Hiller GH



Standard equipment:
tine no. 3, spring
loaded ridging body
and single row shaper



Optional equipment to
connect each row
shaper to create a
single hood



End-tow kit



8-row single row
shaper

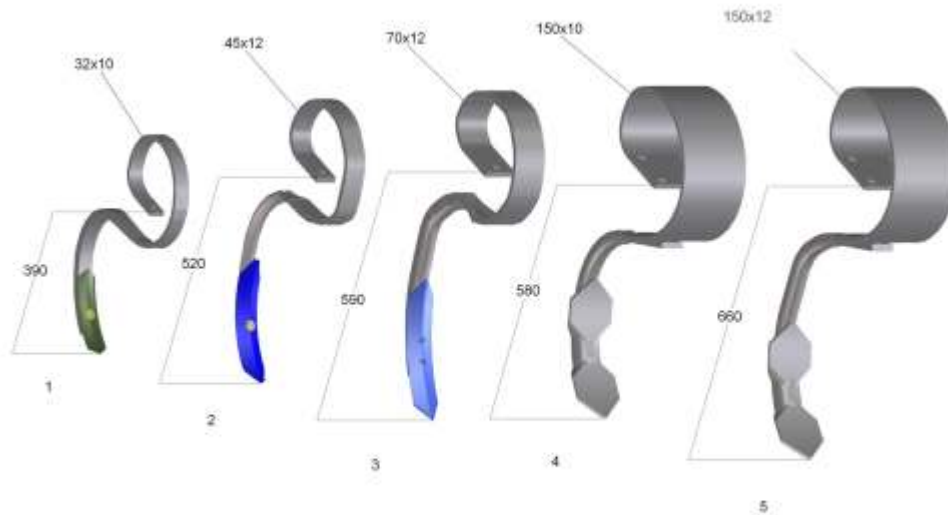
Arguments

- Robust frame
- Free running, easy driving between the rows, even with bigger plants
- Height adjustable, spring loaded ridging bodies
- Large loosening tines
- As an option is it possible to connect each row shaper to create a single hood
- Shapes large bulbous ridges for optimum growth of the potatoes

GH Single Row Ridging Hiller

Technical datas	GH 2	GH 4	GH 6	GH 8
Number of rows	2	4	6	8
Row width	75 cm Option: over 75 cm	75 cm Option: over 75 cm	75 cm Option: over 75 cm	75 cm Option: over 75 cm
Ridge shaping with	Spring loaded ridging bodies	Spring loaded ridging bodies	Spring loaded ridging bodies	Spring loaded ridging bodies
Loosening tines	1 tine no. 3 per furrow	1 tine no. 3 per furrow	1 tine no. 3 per furrow	1 tine no. 3 per furrow
Weight	500 kg	800 kg	1.200 kg	1.600 kg
Width at 75 cm RW	2.000 mm	3.280 mm	4.800 mm	6.300 mm
Length	2.500 mm	2.500 mm	2.500 mm	2.500 mm

Tines



SE 75-30



The SE 75-30 is a one-row offset-trailed harvester for medium to large acreages. It is a compact and open constructed machine with moving floor bunker with a capacity up to 3.3 tonnes.

Potato Harvester SE 75-30



NB separator for light soils without stones and clods



Picking table with pre-grading unit to separate clods, stones and small potatoes



Small bunker for pre-grade crop



Reduced drop height for box filling or filling into a deep trailer

Arguments

- Pulled intake section
- Short main web for effective sieving
- Webs with high napped belts
- Small drop heights throughout the machine
- Active running side rods at the 2nd main web
- Haulm separation with wide deviner web
- Hydraulically adjustable finger or brush web
- Hydraulically driven picking web is mounted in a near horizontal position
- Gentle transfer into the bunker
- Soft bunker floor
- Very smooth and quick bunker emptying into a trailer

Technical datas		
Measurements	Transport	Work
Length	8,40 m	8,40 m
Width	3,00 m	4,65 m
Height	3,15 m	3,15 m
Weight, unloaded	4,7 t	
Connection to tractor	Drawbar or hitch with hydraulic adjustment	
Drive	Pto-shaft with slip clutch, maximum speed of pto-shaft 540 rpm	
Tyres	16.0/70-20	
Intake	<ul style="list-style-type: none"> - Pulled crop intake section - Pulled spring loaded disc coulters, choice of 540, 580 or 620 mm distance - Choice of 2- or 3-piece digging share - Pulled diablo roller, 41 cm wide for 540 mm intake or 45 cm wide for 580 or 620 mm intake - 2 haulm intake rollers, 40 cm Ø 	
1st main web	75 cm wide, 175 cm long, bars 9 mm. Choice of 35, 40, 44 or 50 mm pitch	
2nd main web	75 cm wide, 220 cm long, bars 8 mm Choice of 32, 40 or 44 mm pitch	
Haulm separation	Crop deflector unit with spring loaded rubber deflector combs, Deviner web 85 cm wide and 420 cm long	
1st separator	Mechanical driven in longitudinal direction running rubber hedgehog web with double extractor roller and with angle adjustment Hedgehog web 90 cm wide and 150 cm long	
2nd separator	Mechanical driven rubber hedgehog web with manual angle and height adjustment Hedgehog web 65 cm wide and 115 cm long Type NB: with crop deflecting roller Type UB: Finger web with crop deflecting roller Type SB: Brush web with extended trash web	
Picking table		
Picking web	68 cm wide	
Trash web	34 cm wide	
Picking platform	for 2 + 2 person on each side	
Drive	infinitely hydraulic drive	
Moving floor bunker		
Unloading height	3,85 m	
Capacity	3.0 tonnes	
Capacity with filling optimisation	3.3 tonnes	
Drive	hydraulic	
Hydraulics	Electro magnetic valves	