

# Grimme planter of the GL 30-ECO-series

Mounted and trailed planter – 2- and 4-rows

GL 32 E / GL 34 E / GL 34 TE



# Simple operation. Economical work.

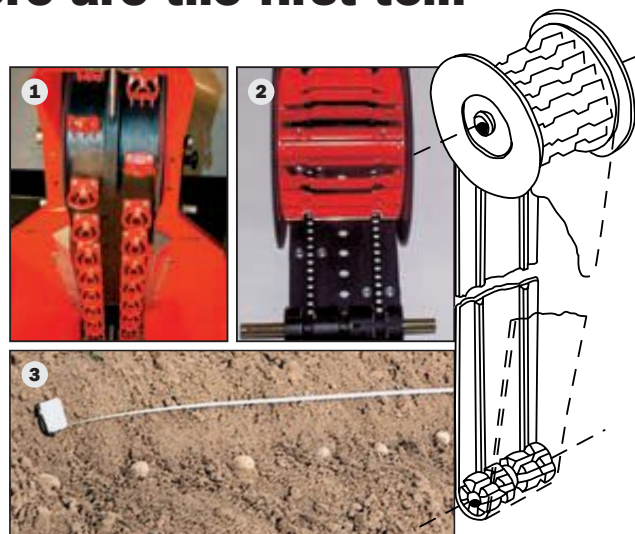
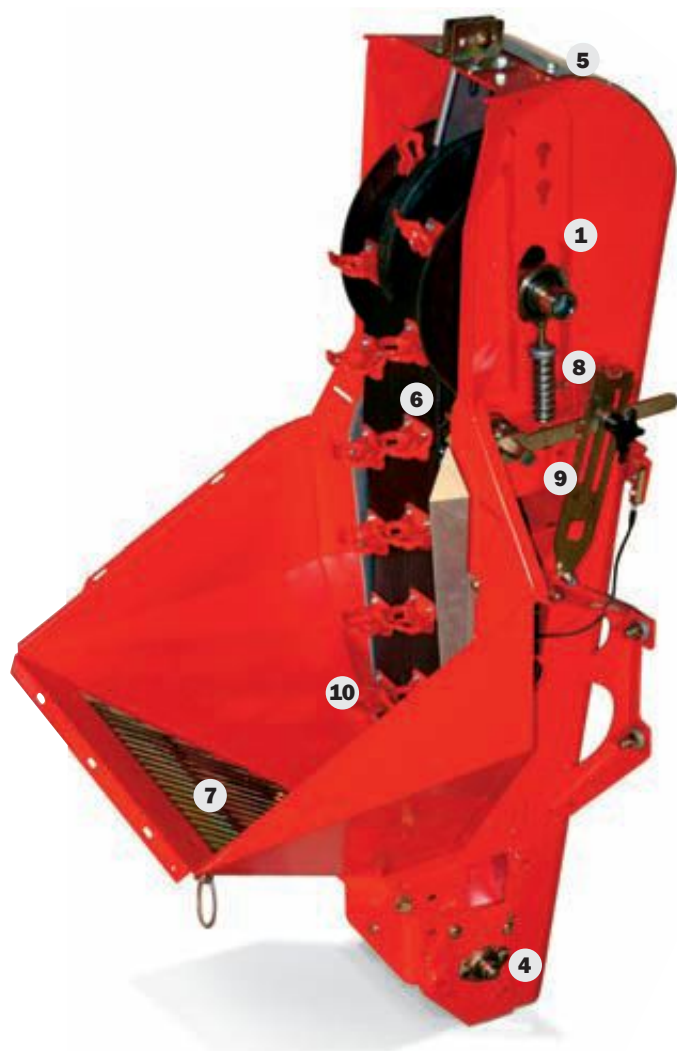
Ideal for smaller farms – for the daily use! The lightweight and compact planter of the GL30-ECO-series is easy to operate, low in maintenance and for the use with small tractors (up from 37 kW). It benefits from the practical detailed

solution of the innovative planting elements of the GL30-series: a highly visible planting element, combining safe planting of oversized potatoes, accurate planting distance with easy adjustment. Another feature is the excellent flexibility:

With the high specifications as standard and various options you can easily match the machine to your conditions – which ensures fast, convenient and accurate planting.

## BASIC EQUIPMENT

### There is not only one benefit of the planting element. – Here are the first ten!



Small details which make a big difference: The large diameter upper pulley (1) ensures a positive drive and safe delivery, even with long potatoes. It also gives correct belt guiding. Two reinforced guiding ribs (2) behind the belts ensure a reliable alignment, even with oversized potatoes at the upper pulley. And the smaller belt pulley (4) at the bottom guarantees a fast opening and therefore a good delivery (3).

- 5 A good view: through the large vision panel on the planting element.
- 6 Transportation step by step: The planting belt takes the crop from the cup hopper and plants it gently into the ground.
- 7 Clean solution: grill (option) in cup hopper in lieu of stainless panels to avoid dirt building-up in front of and behind the cups.
- 8 Convenient and simple: cup belt with quick tensioning to tension or release in short time without tools.
- 9 Well stirred is almost planted: The mechanical vibrating panels behind the cup belts reduce doubles in the cups.
- 10 No matter if small, large, long, oversized, cut or chitted seed: Changing cups and inserts make them all possible.



GL 32 E , GL 34 E

## Innovative know-how as standard: the GL 32 E and GL 34 E



*Inner values, which persuade: Despite the lightweight and short construction the GL 32 E has a 500 kg bunker capacity. It is possible to set the row width between 75 and 90 cm (1).*

*Always on the right height: all GL 32 E and GL 34 E with 3-step axle height adjustment (2) for an optimum setting to the different ground and planting conditions – small detail, large advantage.*



*Quickly ready: The 2- and 4-row GL 30-ECO-models are easily attached to the tractor hydraulics. Easy setting of the planting distance. With the short and compact construction it's also possible to operate the machine with a small tractor (starting at 37 kW) (3).*



*For good running: The GL 34 E is fitted with four powerful planting elements equipped with 4 wheels (4) as standard – for optimum running also on loose soils. The compact construction ensures accurate steering of the machine.*

*For gentle bunker filling: The GL 34 E has a hydraulically tipping bunker with 1,000 kg capacity (option) (5). Another good investment is the furrow opener on a parallelogram with feeler wheel (option) which ensures an even planting depth with pre-formed ridges.*

## First equip – than start: with the various equipment for the GL 30-ECO-series



Easy switch off: the manual quick row switch-off (1) via a small stop lever (option).

Stronger is better: The intense electrical vibrating panel (2) ensures that only one potato is in each cup. It is also possible to plant different sized seeds without cup inserts (option).



Effective solution: grill (3) in cup hopper in lieu of stainless steel panels to avoid dust or sprout bridging (option).

Good solution: mechanical movement of the panel or grill (4) to ensure a better delivery of the seed; dust and sprouts drop out and do not obstruct (option).



The complete package: spraying device with nozzles (5), diaphragm valve, distributor and preliminary filter (6) (option).

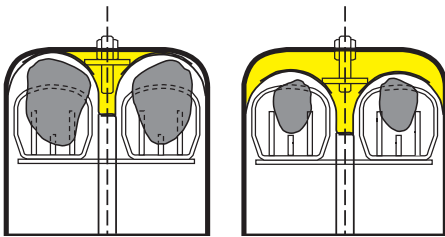


Always in shape: voluminous adjustable ridging bodies for the 2- and 4-row fixed bunker machine. Large tensioning springs ensure even pressure and therefore well-shaped ridges. Ridging bodies with shear-bolt stone protection. Another option is the ridging bodies in lieu of the covering discs (7) or with ridging bodies behind the covering discs (8).



## BASIC EQUIPMENT

# Another benefit of the ECO-series: the extensive basic equipment



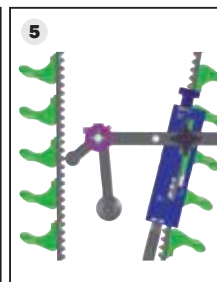
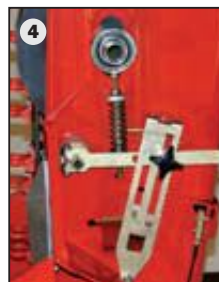
If it doesn't fit, we make it fit: the adjustable drop trunks. Narrow for small seeds and wide for large seeds.

Small? Large? Very big? Cut? Chitted?  
No matter what seed you use – with the  
interchangeable inserts and planting cups  
from Grimme planting is not a problem.



Good visibility: inspection from  
the tractor is possible all the  
time (1).

In good shape: the funnel  
shaped inlet (2) for a better  
planting of long and large  
potatoes.



Ideal equipment: the quick  
tensioning device (3) for easy  
release, changing and cleaning  
of the cup belts.

Intense and safe: mechanical  
shaker for better cup filling:  
the photograph (4) ...

... and the drawing (5).



Keep closed: the large covering  
discs (ø 460 mm) (6) with dust  
free bearings. Another advantage:  
simple setting.

Well equipped: easy wide  
opening of the cup belt floor (7)  
or grill (option) with one catch  
for emptying.



Just practical: the easily accessible  
chain and sprockets (8) for adjusting  
the planting distance in 19 steps –  
any tuber spacing is possible with  
additional optional sprockets.

You have the choice: l/h-side the large  
fixed furrow opener (9) with share and  
r/h-side furrow opener on parallel lin-  
kage (10) with feeler wheel (ø 400 mm)  
and turnbuckle adjustment.



Large bunker capacity combined with small tractors: the trailed potato planter GL 34 TE with simple connection to the tractor. Easy assembling of tanks for spraying device possible (option). Furrow opener on parallelogram is standard on the machine.

Keeping on the success line: Two bigger wheels carry the GL 34 TE behind the tractor track. Two wheels arranged between the planting elements ensure the drive. Easy filling of the tipping bunker from a trailer is possible. Another plus: the low filling height of 0.8 to 1 m.

## Technical data

	GL 32 E	GL 34 E	GL 34 TE
<b>Measurements</b>			
<b>Length</b>	1,400 mm	1,400 mm	4,500 mm
<b>Width at 75 cm row width</b>	2,000 mm	3,200 mm	3,000 mm
<b>Height</b>	1,800 mm	1,800 mm	1,800 mm
<b>Weight</b>	460 kg	800 kg	1,680 kg
<b>Tractor power</b>	From 37 kW	From 50 kW	From 50 kW
<b>Row width</b>	75–90 cm adjustable	75–90 cm fix Attachment necessary for fix bunker	75 cm fix
<b>Tyres</b>	2 x 7.00 x 12 AS 2 x 11.00 x 12 AS (option)	4 x 7.00 x 12 AS 4 x 11.00 x 12 AS (option)	2 x 11.5/80-15.3 AS
<b>Bunker capacity at 75 cm row width</b>	500 kg	900 kg	1,700 kg
<b>Bunker filling height</b>			
<b>Fix bunker</b>	1,500 mm	1,500 mm	–
<b>Tipping bunker</b>	–	800 mm	800–1,000 mm
<b>Hydraulic operated tipping bunker</b>	–	1,000 kg (option)/70 cm RW	1,700 kg (option)
<b>Planting distance (19 steps)</b>	Red cups 14.5–47 cm Green cups 16–52.5 cm	Red cups 14.5–47 cm Green cups 16–52.5 cm	Red cups 14.5–47 cm Green cups 16–52 cm
<b>Furrow opener</b>	Fix/adjustable Option: Furrow opener on parallelogram	Fix/adjustable Option: Furrow opener on parallelogram	Furrow opener on parallelogram
<b>Covering discs</b>	Series	Series	Series
<b>Ridging bodies</b>	Option	Option (not possible with tipping bunker)	–

Your Grimme Partner for advice and service:

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