

**GRIMME**  
HARVESTING SUCCESS!

# Grimme box filler GBF-series

Gentle storage – harvesting success!



# More efficient: box filler from Grimme

Did you know that most crop damage is caused while storing into boxes?

The first potatoes into the box have the highest risk of damage. Drops that are too high and delivery speeds that are too fast cause damage both internally

and to the skin. Not any more! The main target of the new generation of GBF-series is: storing as gently as possible while maintaining a very high output. Every detail and component has been perfected to achieve

this target. The Grimme innovation SAFE-HANDS is only one example. Discover more on the following pages! And do not overlook the excellent price/performance ratio. You will still be harvesting success tomorrow!

**GBF-STAND ALONE**

## Reliable technology

*Automatic. Gentle. Powerful: Automatic filling of the boxes and extreme gentleness because of the hydraulically moveable swan neck, which minimises the drop height. Additionally the machine has infinite speed adjustment from 0 to 40 metres per minute.*



*Everything under control: Photo sensors automatically control the filling height. As one box is filled to the right level the conveyor changes direction and starts to fill the box on the other side.*

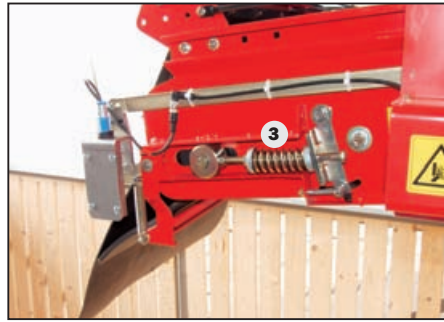
*This avoids overfilling and increases the hourly output.*



*Perfect for everyday use: The automatic box filler GBF is impressive not only because of its robust construction but also through the combination of simple operation, gentleness on the crop and high output.*



More output. More gentle handling. More value for money. Whatever you require from a box filler, the new GBF will deliver it. Whether you want to fill 500 kg or 2 t-boxes you will always get high output and gentle potato handling at the same time. This is not just through the Grimme innovation SAFE-HANDS, but also the soft lamellar profile conveyor, the minimized drop height and the infinite speed control of the conveyor to the required output (up to 40–50 t per hour). Together with low maintenance belt guiding and robust construction, you can expect a high degree of safety, control and convenience.



Well thought out in detail: The soft lamellar profile (1) and the levelling of the conveyor as well as the rubber cover (2) at the intake side ensure a consistently gentle transfer. And with the automatic tension device (3) nothing is lost while altering the length of the conveyor.

**NEW**



**NEW**



Extremely gentle handling: the new innovation from Grimme SAFE-HANDS (option). Combined with the cover flap (1) it reduces the drop speed of the crop at the conveyor end to almost zero. As a set filling is reached it opens like a hand to deposit the crop gently into the box (2). Damage and crop loss is therefore reduced to a minimum.

**GBF-MODULE WITH RH 16-40**

## A good combination

Perfectly matched: The GBF-module connected directly to the RH 16-40 receiving hopper after the cleaning rollers. This ensures a good crop flow within a short distance with simple machine operation and the most gentle handling. Another feature: FLOW-CONTROL. This ensures automatic working of both

machines. As soon as one box is full the machine stops and then restarts when an empty box is supplied. This option avoids overfilling of the boxes and ensures a consistent working procedure. And last but not least: FLOW-CONTROL also works with other machines in the line.

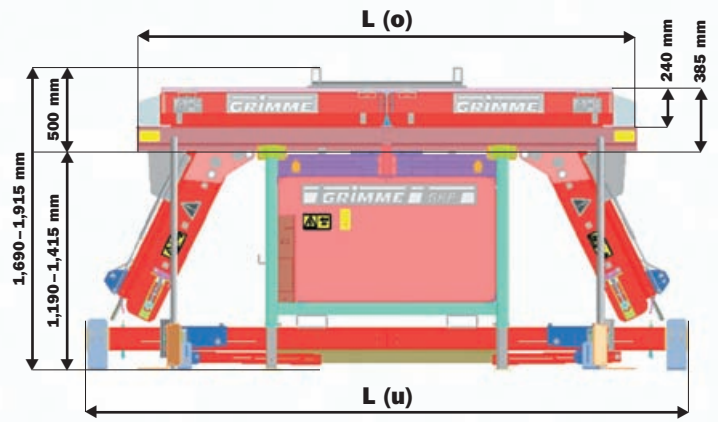


Inseparable: the GBF box filler with RH 16-40 receiving hopper. Everything under control: Sensors control the right position of the boxes – for convenience and high output.



## Technical data

	<b>GBF</b>
<b>Automatic box detection</b>	Yes
<b>Infinitely adjustable belt speed</b>	Yes
<b>Belt width</b>	65 cm
<b>Electric motor</b>	3.0 kW
<b>Adjustable filling height</b>	1,625 – 1,850 mm
<b>Electric power input plug</b>	CEE 16 Amp.
<b>FLOW-CONTROL software</b>	Yes
<b>Grimme GBX terminal</b>	Yes
<b>Box sizes</b>	1.20 – 2.24 m
	<b>Optional extras</b>
<b>Feeding elevator</b>	65 x 400 cm with swan-neck
<b>Integrated CEE electric power output for feeding elevator</b>	CEE 16 Amp.
<b>SAFE-HANDS</b>	Guide rubber flap



### Successful storing all along the line with Grimme



Receiving Hoppers



Single- and Twin-Conveyors



Store Loaders



Combi Unit  
Picking / Separating Unit



Box Filler



Web Grader

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