GHD HARTMANN international
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PACKAGING

GBK 420
PACKAGING MACHINE

Technical Data

Dimensions:	Length:	approx. 5,000 mm
	Width:	approx. 1,950 mm
	Table level:	min. 960 mm
	Overall height:	min. 1,480 mm
Product dimensions:	Length:	100-400 mm
	Width:	max. 260 mm
	Height:	30-170 mm
	(other dimensions upon request)	
Capacity:	30-70 cycles / min (stepless adjustable, capacity depending on the product)	
Power supply:	400 Volt / 50 Hz	
Power input:	5.0 kW	
Compressed air:	min. 6.0 bar (ISO 8573-1)	
Weight:	2,100 kg	
Packaging material:	pre-manufactured plastic bags or paper bags	
PLC:	Omron	
Frequency converter:	Hitachi	

Available additional equipment:
› Hot foil printer ‚HPD' for labelling plastic clip tape
› Stainless steel version
› Clean room design in several stages

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HARTMANN

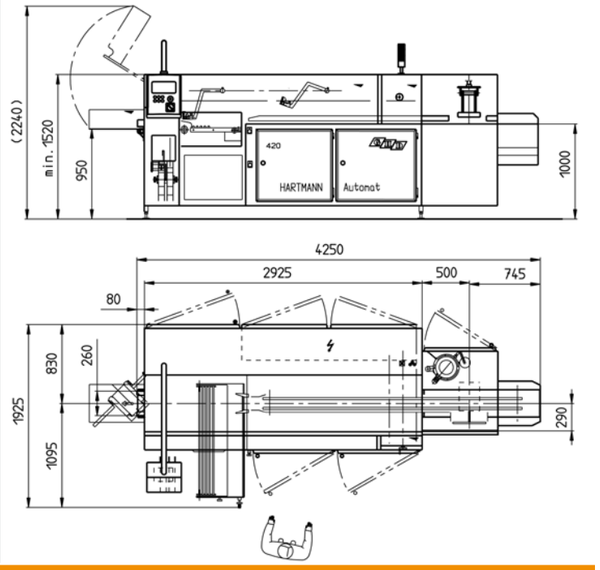
› GBK 220
› GBK 240
› GBK 420
› GBK 440

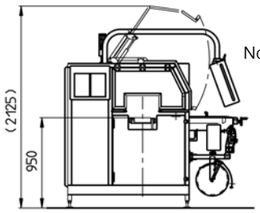
HARTMANN

GBK 420

The High-performance Allrounder

The sophisticated technology of the GBK 420 machine guarantees optimum packaging and sealing. Two alternately operating product sliders ensure optimum capacity utilisation, which is what makes this packaging machine so high performance. The versatile application possibilities make it possible to reliably meet the current market requirements and trends in the packaging sector and without problems. By consistently separating the product work area from the mechanical drive, this generation of machines also meets cleanroom requirements.





Non-binding suggested set-up drawing.

Overview of GBK 420 packaging machine features:

- Shut-off device stops the equipment when the last bag is pulled off the bag stack
- Pulse-controlled bag pre-opening and inflation unit
- Vacuum supplied pick-up unit for bags
- Sterile filter for sterilising the compressed air getting in contact with the products
- Vacuum product pusher and bag air extraction device
- Self-cleaning vacuum filter
- Spreader plates with quick-release fasteners, stepless adjustable (height and sides)
- Integrated closing unit with clip tape end detection shut-off
- Double clip tape roll (for inserting the next replacement clip tape roll)

The packaging machine can be fed with one of the following methods:

- **'Inline' feeding method** (designed for whole loaves)**:** The products are transported through the line with carriers to the packing area.
- **'Lateral' feeding method** (designed for upright slices)**:** The products are pulled between the carriers by feed arms and transported to the packing area.
- **'Inline + Lateral' feeding method:** Depending on the product range, both cycling systems can be selected. Thus, very different products can be packed with only one machine.

If the GBK 420 is combined with the AL 50 Autoload grouping unit, hamburger or hot dog buns can also be transported and packaged.

Pusher arm
Product pusher with vacuum system. Evacuates excess air from the bag prior to closing it up.

Inside of door
Always within reach: product-specific spreading plates are stored at the inside of the door.

Outfeed belt
Timed outfeed belt for the careful and efficient transport of closed packages out of the machine.

Automatic bag magazine "ABM"
The bag stacks can be refilled while the equipment is in operation.

Self-cleaning vacuum filter "Jet filter"
Cyclical compressed air blasts are used to clean the filter inserts.

Optional: Printing unit
Hot foil printer 'HPD' for labelling plastic clip tape.