



PACKAGING

GBK 440 PACKAGING MACHINE

Technical Data

Dimensions:	Length:	approx. 5000 mm
	Width:	approx. 2070 mm
	Working height:	1000 mm
	Height:	approx. 1900 mm
Product dimensions:	Length:	100-400 mm
	Width: (depending on products)	up to 260 mm
	Height:	30-170 mm
	(other dimensions upon request)	
Capacity:	product specific	
Power supply:	230/400 Volts / 50 cycles	
Power input:	6.0 kW	
Compressed air:	min. 6.0 bar (ISO 8573-1)	
Weight:	approx. 2200 kg	
Packaging material:	pre-manufactured plastic bags, or paper bags (paper with clip closure only)	
Servocontroller:	Omron	
PLC:	Omron	
Frequency converter:	Hitachi	

Available additional equipment:

- › Hot foil printer ,HPD' for labelling plastic clip tape
- › RFID - Panel access authorization by chip
- › Customer specific data supply based on OPC UA equipment

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- › GBK 220
- › GBK 420
- › GBK 440

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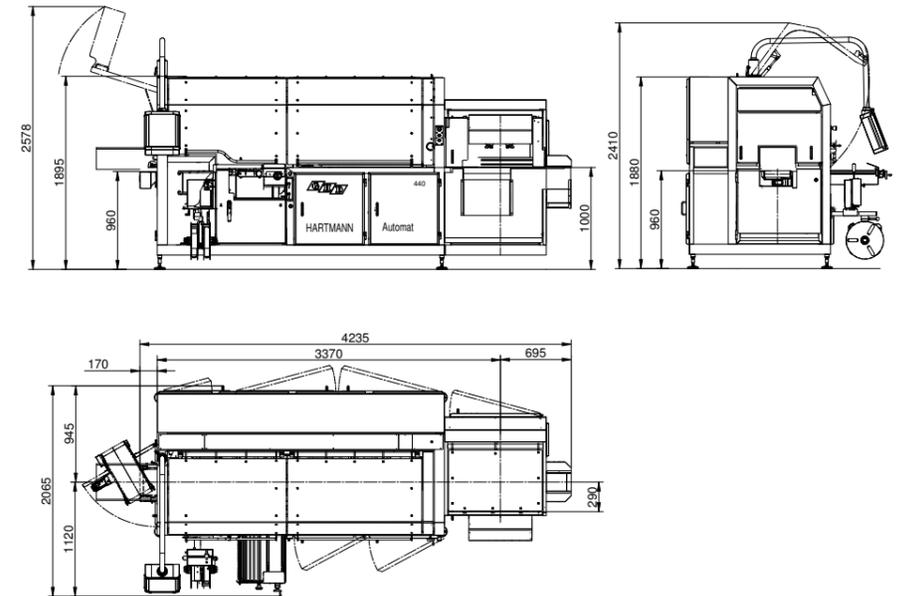


GBK 440 Packaging Machine

The automatic packaging machine GBK440 enables the tight-fitting, secure packaging and sealing of product bags in a single operation. The design of the device meets a wide variety of customer requirements. Directly driven product pushers fill prefabricated bags with pre-grouped baked goods of all kinds. As an integrated closing system can be selected between clip closure, Kwik-Lok® or welding seal. A combination of closing systems is possible.

The product area is arranged separately from the drive space. Thanks to the special drive concept even complex requirements can be realized in terms of control technology. The latest sensor technology, control technology and user interfaces create the basis for the implementation of internationally diverse requirements also for the clean room operation in the industrial production of baked goods.

Non-binding suggested set-up drawing.



Overview of GBK 440 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)

Slide arms: Product slider with vacuum system. Sucks the excess air out of the bag before closure.

Crosswise infeed and turning device for half loaves.

Automatic „ABM“ bag magazine: Bag replenishment can be carried out while the machine is running.

Self-cleaning vacuum filter – „Jet Filter“: The filter inserts are cleaned via cyclic bursts of compressed air.

Customized version: Optionally available with sealing unit, clip closure or Hartlock. In connection with the venting device, the complete product packaging takes place inside the machine.

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

