

SmartPACK 100

The Herzog+Heymann SmartPACK 100 Automated Tray Packing Delivery revolutionizes and enhances the production capabilities of insert and outsert production systems. The SmartPACK 100 is designed to be used with all Herzog+Heymann systems in addition to all systems from other manufacturers.

The SmartPACK 100 is easy to set up, and operate; simply load pre-formed and empty trays on the rear conveyor, and remove full trays from the front. A single operator has plenty of time to off-load trays and operate the entire folding system.

To close the loop on automation, the SmartPACK 100 has an integrated quality system with jogger module and three dimensional camera arrangement to make sure that the products are closed properly, and have the proper dimensions. Only 100% correct products are allowed to pass. The occasional faulty products will be ejected through a reject gate but the machine keeps running.

Benefits of the SmartPACK 100:

- Reduction of operator tasks, allowing more time for production and administrative activities
- Higher productivity and lower manufacturing costs
- Increase in product quality by integrated quality system
- Increase in overall machine throughput by eliminating the bottleneck of a manual delivery



Technical specifications

Optical Dimension Control consists of

- Product infeed
- Jogger with alignment from both sides
- Camera inspection (2 cameras)
 - Camera from the top measures the length, width and verifies the data code
 - Camera from the side measures the thickness
- Integrated product ejector; faulty products will be ejected to a lockable box

Packaging unit consists of

- Tray feeder
- Tray filling section
- Full tray exit conveyor

Mobile unit with four integrated single units with full cover and integrated safety function

- 1) Packer
- 2) Transfer table, optional with dimension control and jogger
- 3) Tray feeding
- 4) Tray exit

Technical dimensions

- Length x width x height:
3300 mm x 2000 mm x 1675 mm (130" x 79" x 66")

Dimension of products

- Min.: 35 mm x 35 mm x 1 mm (1.38" x 1.38" x 0.040")
- Max.: 100 mm x 80 mm x 20 mm (3.94" x 3.15" x 0.79")

Dimension of trays

- Width: 35 mm – 100 mm (1.38" – 3.94")
- Length: 600 mm – 1060 mm (23.6" – 41.7")
- Height: 35 mm – 80 mm (1.38" – 3.15")

Speed

- Max.: 12,000 products/h, based on a standard 50 mm x 35 mm x 2 mm (1.97" x 1.38" x 0.079") size product

Flexible infeed height

- Min.: 700 mm (27.56")
- Max.: 850 mm (33.46")

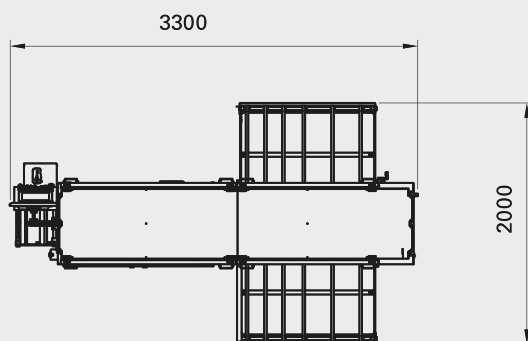
Operating

- Touchpanel
- Integrated counter

Supply

- Electrical supply: 230 V / 7000 W / 23 A
- Airpressure: min. 87 psi filtered, volume min. 600 l/min

Floorplan



Measurements in mm

For additional information about this and other products from MBO Group contact:



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