

CERMEX P5 COMPACT PALLETISING UNIT

With almost 35 years' experience in palletising mass marketed products, Cermex is launching a new generation of ultra compact cartesian 4-axis palletisers combining performance, production control and operator safety, following in the footsteps of Cermex's compact case packers...

With the challenge to find an efficient solution in a compact footprint (*- 40% for a speed of 15 cases to be palletised per minute*), Cermex developed a principle incorporating a gantry design offering a large working envelope for the gripping/palletising arm. Furthermore, as overall height for this type of palletiser is often an issue among industrialists, Cermex has designed a telescopic mast that expands into 4 sliding sections. The gripping/palletising tooling assembled on the last section includes the rotation movement required to suit any pallet pattern.

In addition, to gain even more in terms of performance while conciliating operator safety, Cermex has developed an original cubicle system separating the work stations. This mobile partition, which automatically slides between the 2 palletising stations enables the operator to introduce empty pallets and remove finished pallets without stopping the machine cycle.

Finally, and this is not the least of its advantages, the P5 is designed to be juxtaposed to the very latest SW side loading and SD top loading case packers in order to meet the requirement for compact ends of line: case loading and palletisation!

MAIN FEATURES

1.1.1.1.1 Type of sector

- Cosmetics, pharmaceuticals and para-pharmaceuticals
- Food industry applications at low speed

Type of secondary packaging handled

- RSC with flaps
- Wrap Around blanks
- Shrink-wrapped packs

General mechanical performance

- Weight of load to be palletised: up to 15 kg
- Speed: up to 15 cases per minute at the machine infeed

Integrated options

- Labeller
- Case tipping chair

Overall machine layout

2775mm x 2340mm x 2750mm

SD58: the move towards a complete end of line with palletisation

The new compact SD58 is also designed to be combined with the new compact P5 palletiser in order to suit requirements for an integrated end of line with a small footprint (no inter-machine conveyors, optional integration of a labeller in the palletiser as for the application presented at the show).

Finally, it is worth noting that this new development is of course part of a cost reduction strategy in order to correspond to a maximum number of market applications.

MAIN FEATURES

Type of sector

- Cosmetics, pharmaceuticals and para-pharmaceuticals
- Food industry applications at low and medium speeds

Type of primary packaging handled

- Bottles, pots, tubes, doypacks, bags.

Type of secondary packaging handled

- RSC with flaps
- ½ RSC (without upper flaps)

General mechanical performance

- Payload: up to 8 kg
- Speed: up to 15 cases/min (case forming, product collating and loading, case sealing)

Type of case seal

- Hot-melt glue or
- Adhesive tape

Overall machine footprint

3808mm x 1800mm x 2254mm