

DP Drop Packer



With Pull Nose Conveyor

The innovative Combi Drop Packer has raised the standard for drop packing productivity. Addressing the challenges of packing flexible bags, the well known DP can be equipped with a flexible bag shingling system. Bags are automatically fed onto a belt conveyor that extends and retracts - shingling the product as it drops onto a Bombay door or dropping one layer at a time, in a pre-determined pattern. Once the product has accumulated, the Bombay doors open dropping the product into the case. Once the case is filled, the case exits and a new case is staged for packing.

A key benefit of the DP drop packer is its ability to accommodate a variety of product sizes, shapes, weights and materials. Adjustable lane guides can be quickly and easily reconfigured giving the user the flexibility to pack multiple products on the same line.

This system also features Combi designed "States Screens" on the Allen Bradley PanelView 600 Plus interface that provides feedback on productivity specific to product, operators and shifts and provides machine sequence of operation feedback that reduces troubleshooting to mere seconds. This value added feature is standard on all Combi DP drop packing equipment.



Extend/Retract Servo
Driven Product Infeed
Belt Conveyor

DP Pull Nose

Standard Features:

- Integrated Case Erector
- One Piece Tubular Welded Frame
- Pull Nose Servo Drive Product Delivery System
- Guarding Package with Electrical Interlocks
- Allen Bradley Electrical PLC Control Package
- One Set of Change Parts
- Bombay Style Packing Head Kit Assembly
- Right or Left Hand Execution
- 230v / 3 phase / 10A Electrical Service



Model	Case Size Min (LxWxH)	Case Size Min (LxWxH)	Speed: CPM*	Standard Case Discharge
DP / E1000	4.5 x 4" x 5" 114x102x127mm	12 x 10 x 20" 305x254x508mm	17	16"
DP / E2000	8.5 x 4.75 x 4" 216x121x102mm	16.5 x 12.25 x 19.5" 419x311x495mm	15	16"
DP / E2500	8.5 x 4.75 x 4" 216x121x102mm	20 x 13.5 x 19.5" 508x343x495mm	12	16"
DP / E3000	13 x 7.75 x 6" 330x197x152mm	24 x 16 x 24" 610x406x610mm	10	18"

* System speeds vary depending on product and pack patterns

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