

Edson 1200 Case & Tray Packer

Display Ready or Ready for Export

Application

A multi-national pharmaceutical manufacturer of toothpaste required a compact packing machine capable of packing cartons of toothpaste into either a pre-erected RSC shipper or a display tray. The market demand for secure packaging of personal care products has increased, and so to the need for 'display-ready' packaging.

The producer is able to quickly change-over to either shipper type to satisfy those security-sensitive, heavier cases, ie export, or those applications, where the product is ready for retail aisle display.

Solution

The *Edson 1200* is an automatic, side loading case/tray packer, based on the Edson 1000 semi-automatic machine, with case handling automation before and after the collator/packer.

The first unique element is the feed escapement for the shipper, which automatically singulates either a RSC case and the display tray into the packer. This allows an operator to stage 10 minutes of cases or trays into the machine, allowing unattended operation, even while packing up to 8 cpm.

The second part of the flexible *Edson 1200* is the case discharge module, which takes the packed case or tray and uprights it, for discharge to a top sealer (case) or to a palletizing station, adjacent to the *1200*. The up-ender must be able to remove the shipper from the collator, and

Benefits

- Flexible servos power precision linear actuators
- Fast change over for short run production



Application Technical Data

Specification	Application	Capability
Product Infeed Rate	80 bottles/min	to 230 bpm
Case Packing Rate	< 4 cpm	to 10 (op limited)
Utility Req'mt	120 vac; 80 psig	120 or 208 vac; 80 ps
Gripper Type	Multi element vac'm	same - quick change
Machine Controller	Servo & logic	same
Coating on Frame	Urethane on HSS	HSS or stainless


PACKAGING MACHINERY

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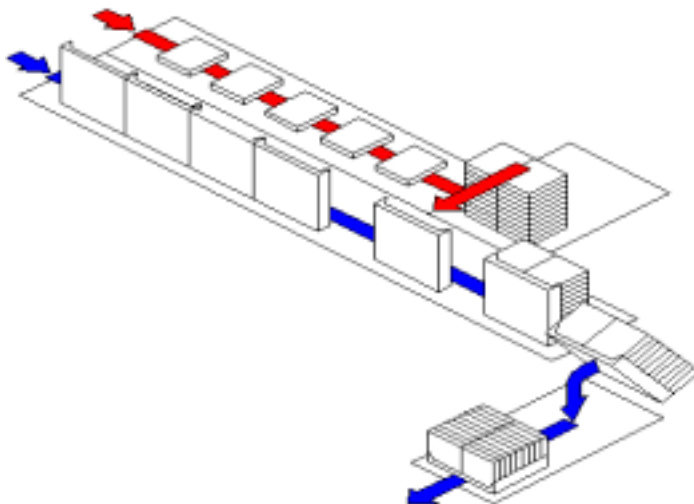


Safety & Convenience

- Fully enclosed machine with interlocked access door
- Double redundant light curtain @ operator station (RP 215sa only)
- Polycarbonate viewing panels
- 110 vac NEMA 12 panel w/IEC devices
- socketed CE/UL/CSA 24 vdc sensors
- Scales & pointers with Kipp handles for quick change-overs
- Stainless steel & nylon contact surfaces
- Smooth, quiet operation

Performance & Features

- 15 layers / min
- 20 kg payload (tool & product)
- Quick change tooling, with 'drop in' change parts & "pushbutton" change-over programming
- Flexible loading: bottles, cartons, bundles
- High efficiency servo drives - low power consumption
- 5.4" color touch screen with operator annunciation
- Designed for pharmaceutical & clean room ops
- Wide Case Range: 7" x 4" x 6" H to 17" x 10" x 17"H
- Premium OEM components
- CD based operator & maintenance manuals



Customizing Options

- Stainless steel frame & all non-ferrous components
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- Bottle & Case handling automation (scan, reject, label)
- Ethernet or ControlNet inter-machine communication
- Passwords for operators and maintenance personnel
- Machine diagnostics and operating data acquisition
- Production reporting – histograms, reports, trends
- Edson Factory Support via real time Internet service