HVCP Robotic Case Packer

The Horizontal Vertical Case Packer (HVCP) offers the ability to pack in horizontal, vertical, and even a combination of both pack patterns in the same machine.

- **Up to 18 CPM**
- **New Ergonomic Design**
- **Multiple Line Infeed**
- **Side or End Load RSC**

**High CPM rates** of up to 18 cases per minute can be achieved depending on product and pack pattern requirements.

**Ergonomically designed** for easy case removal, quick adjustments and rapid recovery and setup.

**Combine multiple lines** in one machine.

**Versatile machine configurations** accommodate your line, floor space, facility and ergonomic requirements.
Operation Summary:
Schneider Horizontal Vertical Case Packers utilize multiple robots, servo motions, pneumatics and a vacuum system to erect a case blank, collate the product, load the product and seal the case. Product is delivered to the case packer infeed, collated and automatically loaded into the case. The loaded case cycles forward to the next station where the top and bottom flaps are folded and tightly sealed. Fully loaded and sealed cases are delivered to the customer’s takeaway conveyor. Flat, knocked down case blanks are stacked onto a powered case magazine. The case packer automatically selects one case at a time, opens and forms it.

Typical Equipment Dimensions

Typical Pack Patterns

Horizontal Pack Pattern

Vertical Pack Pattern

Combination Pack Pattern

SPECIFICATIONS

Case Type:
Standard: RSC regular slotted cases
Optional: HSC and display cases

Sealing:
Standard: Low temperature hot melt glue
Optional: 2" wide tape heads

Visual Display:
Standard: Two Allen-Bradley grayscale touchscreens
Optional: Two Allen-Bradley color touchscreens

Control Voltage:
24 VDC

Controller:
PLC microprocessor

Ambient Temperature:
40° to 85°F (4.4° to 29.4°C)
Optional AC packages available

Enclosures and Electrics:
Standard: NEMA 12

Construction:
Standard: Painted, carbon steel

Power Requirements:
480 volt, 3 phase

Pneumatic Requirements:
25 CFM @ 70 PSI clean dry air

Safety:
Meets ANSI/PMMI B155.1 safety standards

OTHER SCHNEIDER END-OF-LINE SOLUTIONS

Horizontal /Vertical Case Packers
Robotic Case Packers
Robotic Palletizers
Multi-Line Systems
Wrapping Equipment
Bundling Equipment
Ancillary Equipment