

ServoPro

Intermittent Motion Wraparound Casepackers



Standard Features

- Advanced, flexible, and efficient end-of-line packaging machines
- Heavy-duty 1" x 3" cold-rolled-steel frame
- Steel-It epoxy paint finish
- All servo driven
- Nordson Pro Blue hot melt system
- Up to 30 cases per minute
- Holds up to 300 corrugated blanks
- Capable of both inside or outside manufacture's joint closure
- 4' low profile magazine with 24" load height from the floor
- 39" load and discharge height
- 6" floor clearance, adjustable +/- 2"
- Allen-Bradley 5/03 PLC controller
- Manual cluster lubrication system with plastic lines

Barry-Wehmiller

ServoPro

Intermittent Motion Wraparound Casepackers

Thiele ServoPro Series Case Packers are the industry's most advanced, flexible, and efficient end-of-line packaging machines available.

When automatic controls verify that sufficient product is available, a Thiele cam driven pick-off assembly pulls a case blank from the magazine. Cases are confined in leading and trailing flights with mechanically controlled flap traps that hold the lower major flaps down. At the load station, opposite the load side, minor flaps are tucked closed prior to the product being loaded.

"No product/no case" control prevents the case pick-off assembly from erecting a case if there is insufficient product. Thiele electronic controls verify that a case is not only placed, but it is properly erected before actuation of the load sequence.

When controls verify the presence of product at the load station, a load pusher will transfer the product off the load deck through load funnels into the erected case. The load funnels guide the product and compensate for any unaligned

product or case. The load pusher is equipped with overload devices. If excess resistance is encountered during the load stroke, the loader cycle is interrupted.

"No case/lock out load" control is provided. If a case is missed, the load pusher is locked out until a case is presented at the load station. If a predetermined number of consecutive cases are missed, the machine stops and alerts the operator.

The load side leading minor flaps are plowed closed and the trailing flaps tucked by a mechanical closer. As the case indexes, hot melt glue is applied with a Nordson glue system and the major flaps are closed and compressed. A programmable limit switch controls glue timing and provides easy glue pattern change. When tape is used, the major flaps are plowed closed and tape applied.

The cases are discharged to the responsibility of other downstream equipment. Upon request, Thiele offers discharge conveyor systems.

Specifications

PRODUCTION SPEED

Up to 30 cases per minute

CASE SIZE RANGE

8244	Length	Width	Depth
24" pitch	8-15" (203-382 mm)	5-12" (127-305 mm)	8-20" (203-508 mm)
30" pitch	8-21" (203-534 mm)	5-12" (127-305 mm)	8-20" (203-508 mm)
8255	Length	Width	Depth
24" pitch	8-15" (203-382 mm)	5-12" (127-305 mm)	8-15" (203-381 mm)
30" pitch	8-21" (203-534 mm)	5-12" (127-305 mm)	8-15" (203-381 mm)

CASE STORAGE CAPACITY

Up to 300 corrugated blanks

ELECTRICAL REQUIREMENTS

Input Power	240/480 volts, 3 phase, 60 hertz, 30 amps
Control Voltage	24 VDC

AIR REQUIREMENTS

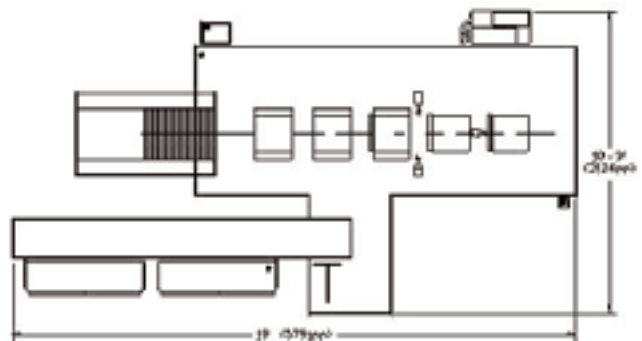
Operating Pressure	80 psi (5.4 atm)
Line Pressure	90 psi (6.1 atm)
Maximum Free	
Air Consumption	8-12 cfm depending on speed

Additional Features

- Mechanical digital position indicators for quick changeover adjustments
- Harmonic phase adjustable flite chains
- 10½" color touch screen control panel
- PIAB vacuum generator system
- Full perimeter guard package

Optional Features

- Allen-Bradley 5/04 or 5/05 PLC
- UL listing of electrical parts
- Low case level detection
- Open flap detection
- Plug-in jog cord
- 480 volt electrical power
- Three-color beacon warning



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