

Z-Pro

Automatic Four Station Case Packer



Standard Features

- Compact, fully-automatic design with updated technology throughout
- PLC-controlled
- Heavy-duty, washdown construction and durable components to handle continuous, multi-shift operation
- Adaptable to handle trays, preglued (RSC) end load cases, and wraparound cases
- Speeds up to 28 cpm
- Quick, easy changeovers with minimal change parts required on base machine
- HMI Touch-Screen
- Various infeed systems for installation versatility.

Barry-Wehmiller

Z-Pro

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Thiele Z-Pro 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 Servo driven pick-off assembly pulls a case blank from the magazine. Cases are confined in leading and trailing flites with flap traps that hold the lower major flaps down. At the load stations minor flaps are tucked closed prior to the product being loaded to confine the product.

"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 servo or pneumatic loader will transfer the product off the load deck and into the erected case.

"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 will stop and enunciate a fault to the operator.

As the case indexes, hot melt glue is applied with a Nordson glue system and the major flaps are closed and compressed. Glue timing will be controlled via a programmable limit switch that provides for easy glue pattern change.

The cases will be discharged to the responsibility of other downstream equipment. Upon request, Thiele will offer discharge conveyor systems.

Specifications

PRODUCTION SPEED

Up to 28 cases per minute

CASE SIZE RANGE

	Length	Width	Depth
18 ³ / ₄ " pitch	4-18" (102-457 mm)	4-12" (102-305 mm)	9-22" (229-559 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

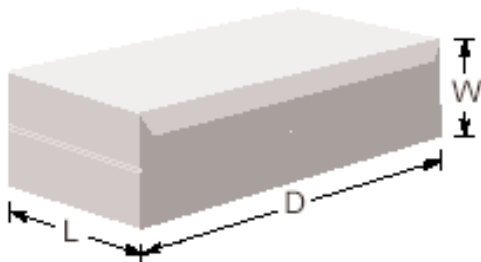
Operating Pressure	80 psi (5.4 bar)
Line Pressure	90 psi (6.1 bar)
Maximum Free	
Air Consumption	8-12 cfm depending on speed

Additional Features

- Mechanical digital position indicators for quick changeover adjustments
- Data Acquisition and Diagnostic Screens std
- 10¹/₂" 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
- 480 volt electrical power
- Three-color beacon warning
- Pressure sensitive tape closure



All sales are subject to our prevailing terms and conditions. Illustrations and specifications are subject to change without notice. Machines shown without guards are for illustrative purposes only. Guards are supplied and must be in place before installation.

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