

Intermittent Motion Casepacker Z-Pro 5 Station Casepacker



Key Features

- Complete, fully-automatic, five station design with updated technology throughout
- Infeed systems designed for your specific requirements
- Allen-Bradley Logix Series PLC
- Allen-Bradley PanelView HMI
- Adaptable to handle trays, preglued (RSC) end load cases and wraparound cases
- Quick, easy changeovers with minimal change parts required on base machine
- Nordson hot melt glue system

Intermittent Motion Casepacker

Z-Pro 5 Station Casepacker

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 pre-determined 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.

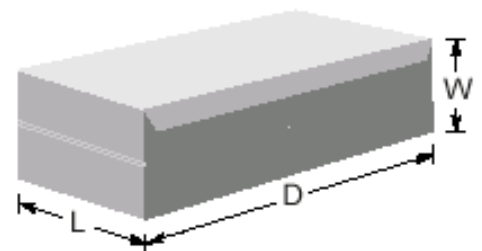
Additional Features

- Data acquisition and diagnostic screens
- Interlocked polycarbonate guarding
- PIAB vacuum generator system

Optional Features

- Low case level detection
- Open flap detection
- 480 volt electrical power
- Three-color beacon warning
- Stainless steel welded frame
- Quick changeover package
- UL listed electrical enclosure

Specifications	
Production Speed	
Up to 28 cases per minute	
Case Size Range — 18¾" Pitch	
Length	4-18" (102-457 mm)
Width	4-12" (102-305 mm)
Depth	9-22" (229-559 mm)
Case Storage Capacity	
Up to 300 corrugated blanks	
Machine Speed	
Up to 18 cases per minute	
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



Example of pack dimensions referenced in table

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 operation.