



TP 20 TRAY PACKER

Video



Video



Nigrelli's TP 20 Tray Packers are small footprint machines specifically designed for applications in the food, beverage, and consumer products industries. The TP 20 Tray Packer handles a wide range of product styles, including cartons, tubs, cans, and jars. A variety of infeed options are available to collate the packaged products prior to loading. In-line, reverse, or right angle flow systems are all easily configured with the TP 20's modular design.

Nigrelli TP 20 Tray Packer

DESCRIPTION

The TP 20 Tray Packer is a compact, flexible, cost-efficient, fully automatic packer with a speed range of up to 20 trays per minute. All operations are performed in three stations on a single level.

Station one consists of the case blank feed. Blanks are separated with vacuum cups and placed between the carrier chain flight lugs to preform the case for incoming products.

Station two is the product infeed station where the patterned product is loaded into the preformed case and indexed to station three.

Station three is the compression station where the major and minor flaps are folded and compressed. Sealing is done by strip application of adhesive by a hot-melt glue system.

FEATURES

- Infeed systems designed for your specific requirements
- Allen-Bradley Logix Series PLC
- Allen-Bradley PanelView HMI
- Nordson hot-melt glue system
- Servo-indexing case flight system
- Self-contained vacuum generator system

AVAILABLE OPTIONS

- Variety of control/HMI options
- Digital read-out adjustment package
- Horizontal tray magazine
- Low tray blank detection
- Stainless steel frame construction
- NEMA 4X washdown electrical construction
- Self-contained vacuum system reduces air consumption
- UL listed electrical enclosures
- Plug-in jog cord
- Three-color beacon



Case Size Ranges	Electrical Requirements	Air Requirements
<ul style="list-style-type: none"> • Pitch Index: 18 3/4" (476mm) 26 1/4" (667mm) • Length: 4" - 13.5" (102 - 343mm) 4" - 18" (102 - 457mm) • Width: 4" - 12" (102 - 305mm) • Depth: 5" - 16" (127 - 406mm) 6" to 16" (152 - 406mm) 	<ul style="list-style-type: none"> • 240/480 volts, 3 phase, 60 Hz • Control Voltage: 24 VDC • Hot-melt Circuit (case erector or sealer): 240 volt, 60 hertz, 1 to 3 phase (optional transformer available if incoming voltage is other than 240) • Machine Current Draw: Dependent on loader used 	<ul style="list-style-type: none"> • Operating Pressure: 80 psi (5.4 atm) • Line Pressure: 90 psi (6.1 atm) • Max Free Air Consumption: 1.24 cu. ft. per cycle

Contact our experienced sales teams today for a comprehensive review of your application(s) and to see how our Tray Packers can benefit your company.