

TF-200 SERIES

Fully Automatic Tray Former



IPak's Model TF-200 fully automatic tray former is designed and built to withstand the rigors of continuous, heavy-duty, industrial applications. The TF-200 Series will form regular slotted trays in various configurations including four corner glued trays, one and two piece telescoping trays, and variations of self-locking trays suitable for most any application including agricultural, food processing and distribution. It will continuously operate at speeds of up to 35 trays per minute and

is capable of forming a wide range of tray sizes. Size changes are quick and easy, performed in less than 10 minutes. If your application requires specialty or complex tray styles, consult your factory representative regarding IPak's TF-200 Series of specialty tray formers. Like all IPak machinery, the TF-200 Series is known for reliability and dependability and is backed by IPak's friendly and knowledgeable service team.

TF-200 SERIES Fully Automatic Tray Former

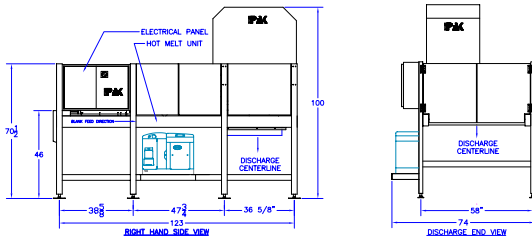
Standard Features

- All mechanical drive train
- Easy load hopper
- Piab type vacuum pick system
- Offset dual vacuum cam design
- Corrosion resistant construction
- Remote Demand Controlled
- Nordson hot melt adhesive system
- All controls 24 Volts DC
- Programmable Controller
- Fully interlocked safety guarding

Optional Features

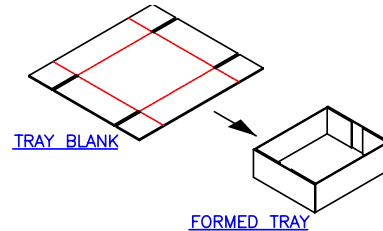
- Large capacity glue system
- Quick size change features
- Left or right hand controls
- Custom voltages
- Modifications for under or oversize cases
- High speeds – over 35 trays per minute
- Choice of hot melt glue systems
- Low hopper sensor
- Motorized out feed conveyor

Machine Specifications



- Machine weight: 2800 lbs. (1270 kg)
- Machine length (typical): 10'6"
- Air: 1.0 cubic feet per cycle at 80 p.s.i.
- Electrical: 230 (460 optional) Volts AC, 3 phase, 60 Hz
- Speeds up to 35 trays per minute
- PLC operated sequence and timing control
- NEMA 12 control panel
- Nordson hotmelt adhesive system
- Lock-out / tag-out compliant

Forming Sequence



Method of Operation

The TF-200 hopper is loaded with die cut blanks. Vacuum cups pull the blanks onto the lug and chain drive. Hot melt adhesive is applied, then the blank is impacted and folded by a forming mandrel, compressed, and ejected upright onto a conveyor ready for filling.

Some Examples of Trays Formed on the TF-200 Series



ECONO TRAY



SLOTTED STYLE TRAY



ONE PIECE TELESCOPING TRAY



LEAK PROOF TRAY



TRAY WITH ONE PIECE LID



"BAG IN BOX" STYLE TRAY

The IPak Product Line Includes:

Tray Formers
Case Sealers
Sleeve Wrappers

Flange Sealers
Stackers and De-Stackers
Custom Applications

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