

TF-300CT

Fully Automatic Tray Former



IPak's Model TF-300CT fully automatic tray former is designed and built to withstand the rigors of continuous, heavy-duty, industrial applications. The TF-300CT forms Breaker style, Column Case, or other L-corner post, style trays. Whether for meat packing, agricultural, food processing, distribution, retail display or any other application, the TF-300CT can form standard corner post trays or specialty trays with top flaps, angled interior corners, display

openings, etc. It will continuously operate at speeds of up to 25 trays per minute and is capable of forming a wide range of tray sizes. Size changes are quick and easy, and can typically be performed in about 20 minutes. Like all IPak machinery, the TF-300CT tray former is known for reliability and dependability and is backed by IPak's friendly and knowledgeable service team.

TF-300CT Fully Automatic Tray Former

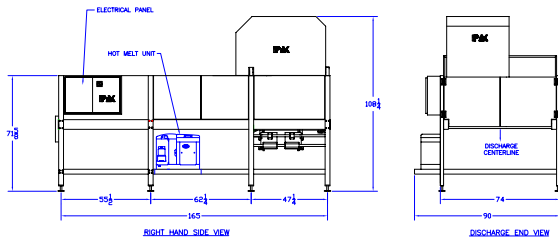
Standard Features

- All mechanical drive train
- Easy load hopper
- Venturi 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
- Allen-Bradley PLC
- Fully interlocked safety guarding

Optional Features

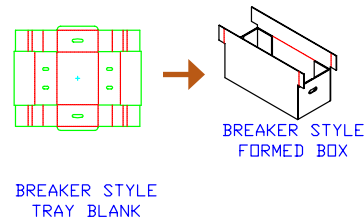
- Large capacity glue system
- Quick size change features
- Left or right hand controls
- Custom voltages
- Modifications for under or oversize cases
- High speeds – over 25 trays per minute
- Choice of hot melt glue systems
- Machine monitoring system with beacon
- Motorized out feed conveyor
- Choice of PLC

Machine Specifications



- Machine weight: Approx. 4200 lbs
- Machine length (typical): 14'0" – 16'8"
- Air: 1.0 cubic feet per cycle at 90 p.s.i.
- Electrical: 230/460 Volts AC, 3 phase, 60 Hz
- Speeds up to 25 trays per minute
- PLC operated sequence and timing control
- NEMA 12 control panel
- Nordson hotmelt adhesive system
- Lock-out / tag-out compliant

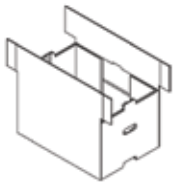
Forming Sequence



Method of Operation

The TF-300CT hopper is loaded with die cut blanks. Vacuum cups pull the blanks onto the lug and chain drive. Adhesive is applied, the minor flaps are broken to 90 degrees. The blank is advanced and the corner posts are formed and compressed while the blank is impacted by the forming mandrel.

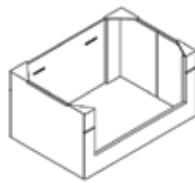
Some Examples of Trays Formed on the TF-300CT



COLUMN CASE TRAY
C/W TOP FLAPS



COLUMN CASE STYLE TRAY



RETAIL DISPLAY TRAY

The IPak Product Line Includes:

Tray Formers
Case Sealers
Sleeve Wrappers

Flange Sealers
Stackers and De-Stackers
Custom Applications

IPAK
M A C H I N E R Y



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