

FULLY AUTOMATIC TRAY FORMER

MODEL TF-300C



IPak's Model TF-300C fully automatic tray former is designed and built to withstand the rigors of continuous, heavy-duty, industrial applications. The TF-300C forms Column Case, or L-corner post, style trays. Whether for agricultural, food processing, distribution, retail display or any other application, the TF-300C can form standard corner post trays or specialty trays with top flaps, stacking ledges, corner caps, display openings, etc. It will continuously operate at speeds of up to 30 trays per minute and is capable of forming a wide range of tray sizes. Size changes are quick and easy, and depending on tray style can be performed in about 20 minutes. Like all IPak machinery, the TF-300C is known for reliability and dependability and is backed by IPak's friendly and knowledgeable service team.

IPak Machinery - it simply works better

IPak Machinery Ltd.
Supplying Effective Packaging Solutions

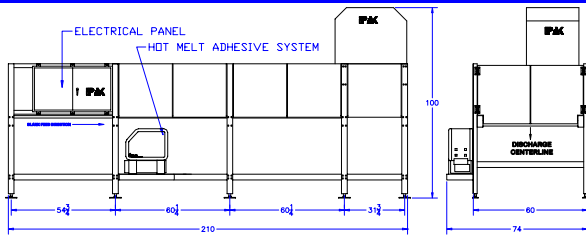
STANDARD FEATURES

- 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

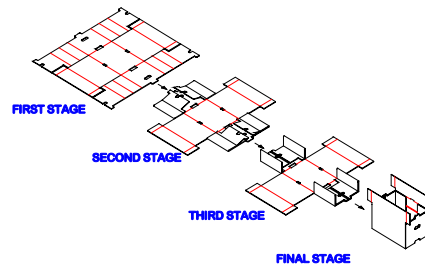
- Large capacity glue system
- Quick size change features
- Left or right hand controls
- Custom voltages
- Modifications for under or oversize cases
- High speeds - over 30 trays per minute
- Choice of hot melt glue systems
- Machine monitoring system with beacon
- Motorized outfeed conveyor
- Choice of PLC

MACHINE SPECIFICATIONS



- Machine weight: Approx. 4200 lbs.
- Machine length (typical): 17'6"
- Air: 1.0 cubic feet per cycle at 90 p.s.i.
- Electrical: 230/460 Volts AC, 3 phase, 60 Hz
- Speeds up to 30 trays per minute
- PLC operated sequence and timing control
- External digital glue pattern timing controls
- NEMA 12 control panel
- Nordson hot melt adhesive system
- Lock-out / tag-out compliant

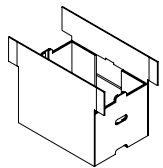
FORMING SEQUENCE



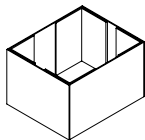
METHOD OF OPERATION

The TF-300C hopper is loaded with die cut blanks. Vacuum cups pull the blanks onto the lug and chain drive. Adhesive is applied, the corner post are pre-formed and compressed, then the blank is impacted by a forming mandrel, compressed, and ejected upright onto a conveyor ready for filling.

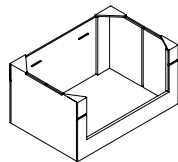
SOME EXAMPLES OF TRAYS FORMED ON THE TF-300C



COLUMN CASE TRAY
C/W TOP FLAPS



COLUMN CASE STYLE TRAY



RETAIL DISPLAY TRAY

THE IPAK PRODUCT LINE INCLUDES:

- | | |
|-----------------|--------------------------|
| Tray Formers | Flange Sealers |
| Case Sealers | Stackers and De-Stackers |
| Sleeve Wrappers | Custom Applications |

DISTRIBUTED BY:

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