



IPak's Model TF-350CF fully automatic tray former is designed and built to withstand the rigors of continuous, heavy-duty, applications. The TF-350CF automatically forms Euro style rollover or laminated side trays suitable for agricultural applications, including Defor, One Touch, and other similar tray styles as produced by most major corrugators for flat packs of fruits and vegetables. An easy changeover enables the TF-350CF to also form MUB style trays. It

continuously operates at speeds of up to 32 trays per minute and is fully adjustable to form various sizes and depths including full and half Common Footprint. Size changes are quick and easy, and can be performed in less than 10 minutes. Like all IPak machinery, the TF-350CF is known for reliability and dependability and is backed by IPak's friendly and knowledgeable service team.

TF-350CF Fully Automatic Tray Former

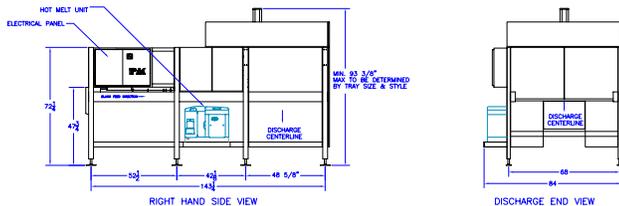
Standard Features

- All mechanical drive train
- Easy load hopper
- Piab type vacuum pick system
- Offset dual vacuum cam design
- Quick size change features
- Remote Demand Controlled
- Nordson hot melt adhesive system
- All controls 24 Volts DC
- Allen-Bradley PLC
- Omron HMI
- Fully interlocked safety guarding

Optional Features

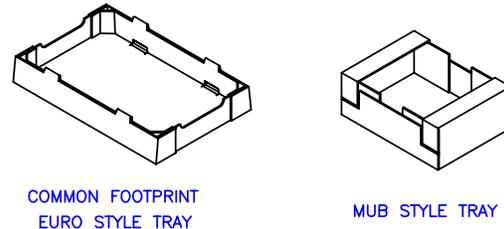
- Large capacity glue system
- Left or right hand controls
- Custom voltages
- Modifications for under or oversize cases
- High speeds – over 32 trays per minute
- Choice of hot melt glue systems
- Machine monitoring system with beacon
- Motorized out feed conveyor
- Choice of PLC
- Allen-Bradley touch screen HMI

Machine Specifications



- Machine weight: Approx. 3500 lbs
- Machine length (typical): 11'8"
- Air: 1.0 cubic feet per cycle at 90 p.s.i.
- Electrical: 230 (460 optional) Volts AC, 3 phase, 60 Hz
- Speeds up to 32 trays per minute
- PLC operated sequence and timing control
- NEMA 12 control panel
- Nordson hotmelt adhesive system
- Lock-out / tag-out compliant

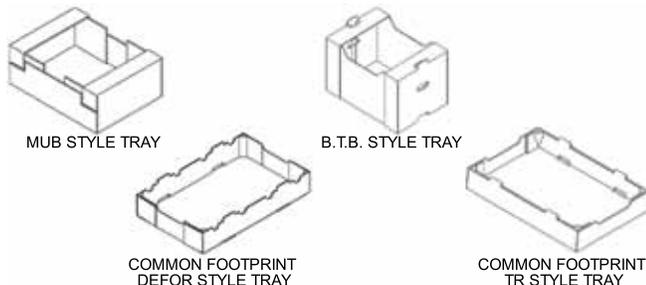
Forming Sequence



Method of Operation

Die cut blanks are pulled by vacuum cups onto the lug and chain drive. Adhesive is applied, the blank is advanced and then impacted and folded by a forming mandrel. Rotary forming plows then fold and compress the inner sidewall panels or top ledge panels and the finished tray is ejected upright onto a conveyor ready for filling.

Some Examples of Trays Formed on the TF-350CF



The IPak Product Line Includes:

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



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