

300TF TRAY FORMER

corner glued trays

up to 35 trays per minute

The 300TF Mechanical Tray Former

is a heavy duty tray former designed for sustained 3 shifts per day production. The 300TF is fully automatic, operating either on-demand or as integrated to a fully automatic loading system. Smooth and consistent tray formation is achieved as tray indexing and vertical formation processes are supported by linear bearing bushings on dual 1 1/2" harden ground shafts.

SEQUENCE OF OPERATION

A single flat blank is secured from the magazine and placed in the takeaway position. As a mechanical shuttle transfers the blank to the erection position, the hot melt applicator applies adhesive to targeted inner minor tray corner tabs. Arriving to the forming position, the tray blank is gently driven through the forming section by the mandrel. Hot melt tack is achieved as the tray remains secured within the forming section until discharged by the next arriving tray. The formed and glued tray is then released on to the powered discharge conveyor.

UTILITIES - AIR

220/3/60 NEMA 12 – 5CFM (80PSI)

TRAY SIZE RANGE (blank size)

Standard Model

L	x	W	
8"	x	8"	min
20"	x	20"	max

XL Model

L	x	W	
20"	x	8"	min
40"	x	27"	max

SYSTEM OPTIONS

- Full Stainless Steel Construction
- Low level case magazine alert
- Electrical (480/3/60)
- Left or Right Hand Operation

STANDARD COMPONENTS

- Omron PLC
- UL Approved Electrical Components
- 24V Inputs, 115V Solenoids
- Programmable Glue Application

