HTF

Horizontal Tray Former

Combi Packaging Systems LLC

The Combi Model HTF fully automatic tray former features heavy-duty welded steel construction and is ideal for high volume tray forming production. The HTF will form side slotted, end slotted and design style trays, in various configurations, to accommodate the agriculture, food processing and distribution industries. The HTF's inline and compact design utilizes a mechanically linked tray pick-up and transport mechanism for precise placement through the glue application and forming cycle. For added flexibility, the Combi HTF easily integrates with Combi case packers.

Features	Benefits
• Heavy duty welded tubular steel framework	• Ideal for high volume, 3 shift applications; Lifetime guarantee on frame
• The formed tray can exit the HTF in any of 3 discharge directions	• Accommodates most any layout; Compact footprint
• Exclusive Combi designed motorized forming mandrel	• Uses no air; Provides flexibility by being programmable
• Tool less changeovers with Slide-On Adjustable Mandrels	• Changeovers can be performed in seconds
• Fail-safe system for continuous sensing of tray blank placement	• Precise, positive placement through the forming cycle and glue application

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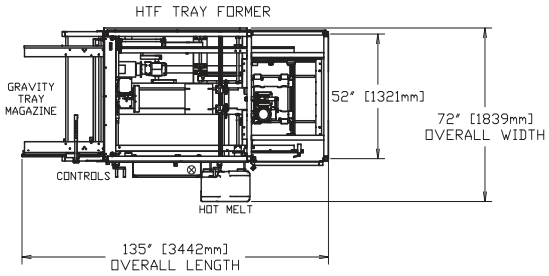
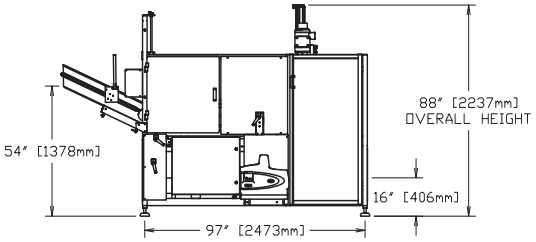
Sequence of Operation:

An operator loads tray blanks vertically into the gravity magazine. A mechanical driven arm extends to the tray blank and vacuum cups pick and place tray to horizontal position. A mechanical walking beam indexes tray past the glue guns, which apply a glue bead to the tray tabs. The glue application is controlled by feedback from the encoder attached to the A/C motor. After passing the glue heads, the walking beam pushes the flat tray blank into an exclusive Combi designed motorized forming mandrel, thus forming the tray by folding the tabs and compressing the sidewalls. The formed tray can exit the HTF in any of 3 discharge directions, accommodating most any layout.





Model	Min Tray Size: (L x W x H)	Max Tray Size: (L x W x H)	Max Blank Size: (L x W x H)	Machine Footprint: (L x W x H)	Speed: TPM*	Forming Process:
HTF	8½ x 8½ x 2" (216x216x51mm)	24 x 24 x 9" (610x610x229mm)	42 x 42" (1067x1067mm)	11'3"x6'x8'4" (3442x1839x2237mm)	up to 35	Single Stage
HTF 2	8½ x 8½ x 2" (216x216x51mm)	24 x 24 x 9" (610x610x229mm)	42 x 42" (1067x1067mm)	11'3"x6'x8'4" (3442x1839x2237mm)	up to 15	Two Stage
HTF XL	12 x 12 x 12" (305x305x305mm)	28 x 28 x 11" (711x711x279mm)	50 x 50" (1270x1270mm)	TBD	up to 25	Single Stage
HTF XL 2	12 x 12 x 12" (305x305x305mm)	28 x 28 x 11" (711x711x279mm)	50 x 50" (1270x1270mm)	TBD	up to 10	Two Stage

** Speed dependent upon tray style, depth and construction material*

Distributed by:

Combi tray erectors precisely form and glue slotted style trays, trays with tuck flaps and trays with one piece lids.

Optional Mandrel Head Cart - Slide change parts on and off this mobile cart for easy access and storage

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