

# 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 regular slotted 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:

- Heavy duty welded tubular steel framework with steel-it paint finish
- Easy changeovers with pre-set mandrels, walk-in access doors and only four crank adjustments, all with digital readouts
- Nordson ProBlue hot melt glue unit with precise temperature control and energy saving timer
- Easy load, gravity tray blank magazine
- Fail-Safe system for continuous sensing of tray blank placement
- Self-centering glue heads with digital readouts
- Allen Bradley PLC Control with touch screen operator interface



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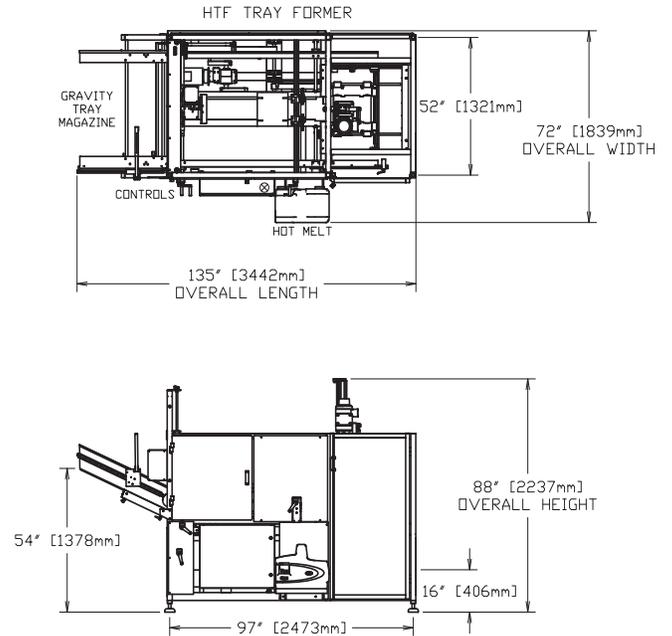
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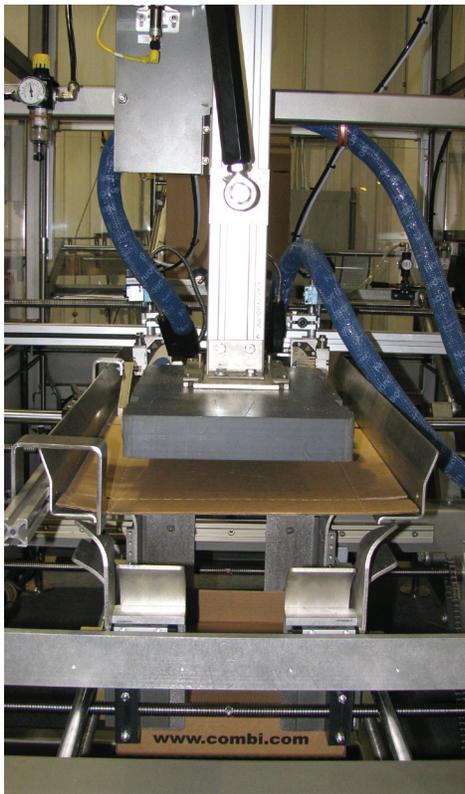


## Sequence of Operation:

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	8½ x 8½ x 2" (216x216x51mm)	24 x 24 x 9" (610x610x229mm)	42 x 42" (1067x1067mm)	11'3"x6'x8'4" (3442x1839x2237mm)	10-15	Two Stage



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

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