



# Hot Air Plank Laminator

Capable • Affordable • Maintainable



Manufactured in the U.S.A.

## Designed to Weld a Consistent Surface Bond Between Two Foam Planks Without Bowing-Curl

Foam planks can be dissimilar in thickness and density

- Hot air lamination of plank material that is heat sealable including polyethylene, polypropylene or copolymer foam materials
- Bonds most 1.2 to 12 lb/ft.<sup>3</sup> density polyethylene, polypropylene, or copolymer foam materials
- PLC controlled conveyor and driven compression rollers
- Independent speed control of top compression rollers
- Adjustable angle for infeed conveyor
- Adjustable speed infeed conveyor and bottom compression rollers
- Sensor for front edge alignment of planks
- Four sets of compression rollers for excellent bonding. Lead compression roller is knurled
- Adjustable temperature controls for precise setting of interior calrods and exterior heat guns of heat wing
- Adjustable height control of compression rollers
- Adjustable height control of heat wing clearance
- High friction conveyor belt with bonded “v” belts on underside for accurate tracking
- Heavy steel construction and casters
- Four (4) e-stops
- Over-temperature alarm and temperature imbalance alarm de-energizes heaters
- Automatic blower on timer – temp limit to extend life of heat gun's ceramic elements

*Due to our continuous improvement program, specifications and options are subject to change without notice.*



Ttarp Co.

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## Specifications:

<b>Overall Dimensions</b>	13'-10" (422 cm) x 8'-11" (272 cm) x 9'-4" (285 cm)
<b>Maximum Width</b>	67 (1701)
<b>Minimum Plank Thickness</b>	0.25 (6.4)
<b>Laminated Thickness Range</b>	0.5 to 12 (13 to 304)
<b>Length</b>	Limitless (except for handling)
<b>Electrical</b>	480 volt, 3 phase, 83 amps peak, 25-26 amps steady state
<b>Maximum Air Temperature</b>	800°F
<b>Blower</b>	580 SCFM
<b>Belt and Roller Speed Range</b>	4 to 40 ft./min

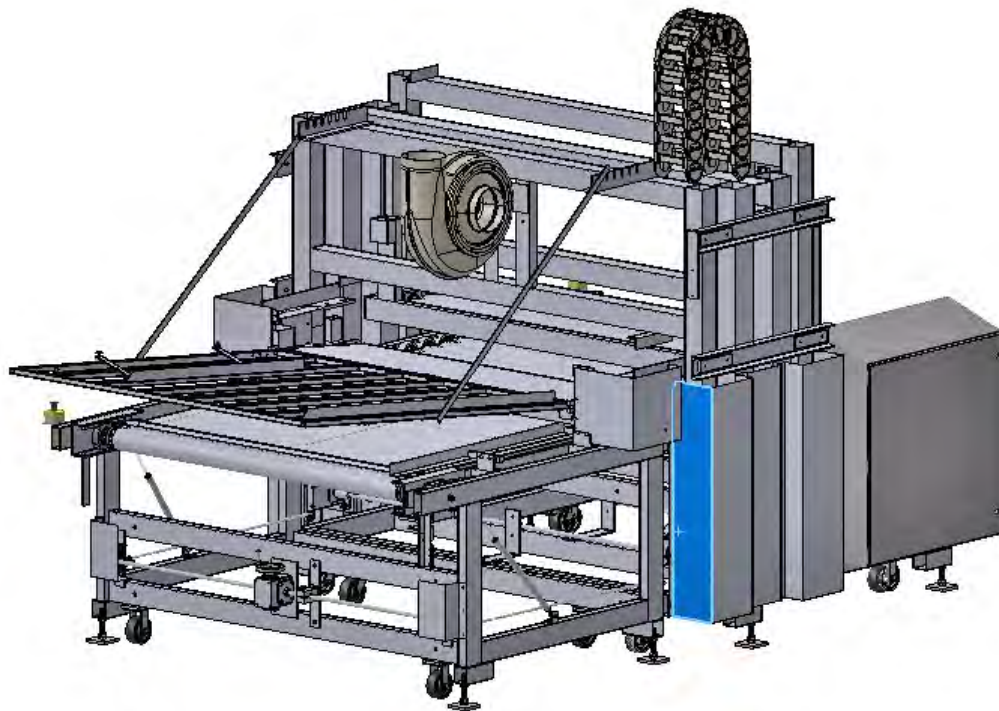
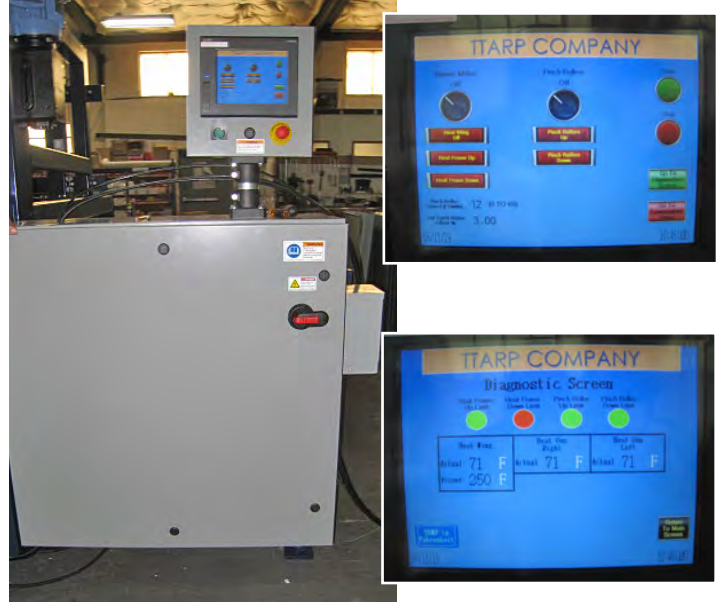
*Dimensions shown in inches (mm) except where noted.*

### Motors

<b>Top Compression Rollers</b>	2 HP
<b>Conveyor and Bottom Compression Rollers</b>	3 HP
<b>Conveyor</b>	3 HP
<b>Heat Frame</b>	1/2 HP
<b>Roller Frame</b>	1/2 HP
<b>Blower</b>	3/4 HP

## PLC Control:

Roller Frame Compression, Heat Wing Clearance, Top Compression Rollers Speed, Infeed Conveyor and Bottom Compression Rollers Speed, Temperature, Alarms, etc.



***Ttarp designs and manufactures a complementary range of capable, affordable, and maintainable fabricating equipment. Contact us for more information.***