



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.³ 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.

Specifications

Overall Dimensions:

- 13'-10" (422cm) x 8'-11" (272cm) x 9'-4" (285cm)

Maximum Width:

- 67" (1701mm)

Minimum Plank Thickness:

- .125" (.3175cm)

Laminated Thickness Range:

- 0.25" to 12" (6.35mm to 304mm)

Length:

- Limitless (except for handling)

Electrical:

- 480 volt, 3 phase, 83 amps peak, 25-26 amps steady state

Belt and Roller Speed Range:

- 4 to 40 ft./min

Motors

Top Compression Rollers:

- 2 HP

Conveyor and Bottom Compression Rollers:

- 3 HP

Conveyor:

- 3 HP

Heat Frame:

- 1/2 HP

Roller Frame:

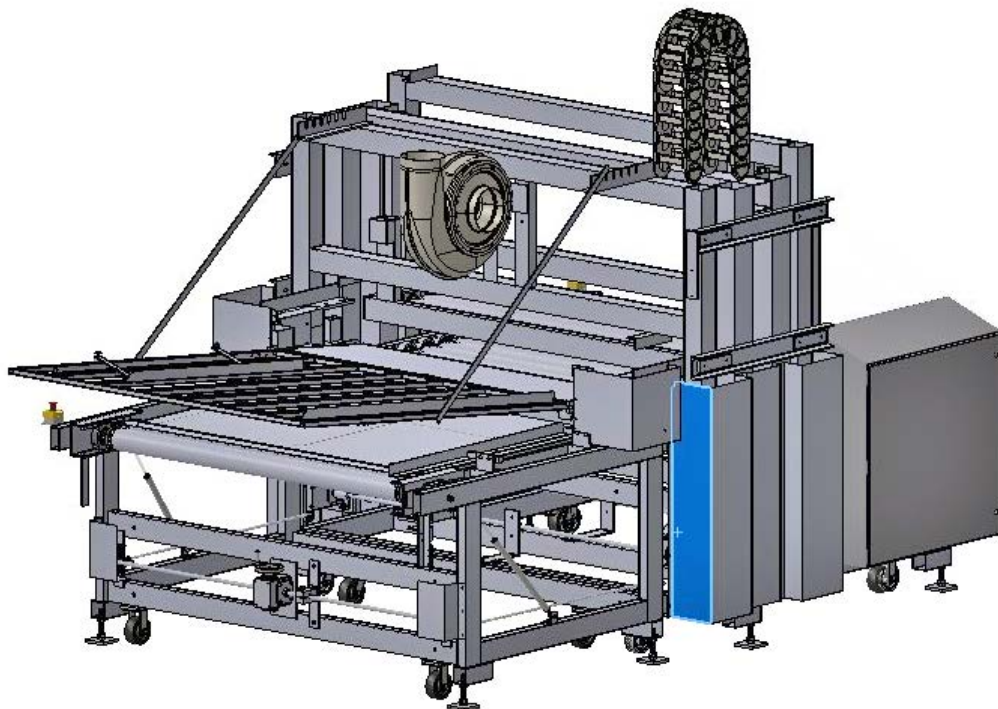
- 3/4 HP

Blower:

- 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.