



Manufacturer of Postforming and Laminating Machinery

Edgetech, Inc.
 11933 12th Avenue South
 Burnsville, MN 55337 USA
 952-881-1925
 fax 952-881-0374
www.EdgetechUSA.com

Laminate Pressure Roller/Heat Tunnel



Edgetech's Laminate Pressure Roller/Heat Tunnel is designed to efficiently bond high pressure laminates to panels using modified PVA adhesives. Panels with the laminate applied are fed into a powered set of pressure rollers before passing through the heat tunnel and through a second set of powered pressure rollers.

This unit is available in two models to accommodate 50" (LPR/HT480) or 62" (LPR/HT481) width panels. Options include segmented lower rollers for cores with builddowns.

Standard Features

- Infrared heaters
- Heater controls with thermocouple feedback
- Solid upper and lower rollers with heat resistant silicone rubber surface
- Heavy duty shafts and bearings for rollers
- Safety bars at infeed and outfeed rollers – (drive rollers stop, upper rollers lift up and heaters shut off when actuated)
- Adjustable feed control
- Handwheel adjustment for panel thickness adjustment
- Remote control console

Optional Features

- Lower infrared heaters for double sided laminating
- Segmented lower rollers
- Custom modifications

Pressure Roller /Heat Tunnel Specifications

Submit profiles for review. Some restrictions may apply to combinations of these dimensions.

Model	LPR/HT480	LPR/HT481
Panel thickness	1/2" – 2"	1/2" – 2"
Panel width	50"	62"
Material length (minimum)	72"	72"
Builddown stick thickness (with segmented lower rollers)	1 3/4"	1 3/4"
Pressure between rollers	1,200 lbs. @ 100 PSI	1,200 lbs. @ 100 PSI
Feed rate	5 - 25 feet per minute	5 - 25 feet per minute
Electrical requirement	230/460V 50/60 Hz 3 Phase 60 KW	230/460V 50/60 Hz 3 Phase 60 KW
Air requirement	90 – 120 PSI	90 – 120 PSI
Machine working height	37"	37"
Machine height	69"	72"
Machine width x length	69" x 74"	86" x 74"
Shipping weight (approximate)	3,500 lbs.	4,100 lbs.

Production capacities and specifications are provided for the convenience of our customers and are not binding. Edgetech reserves the right to make changes without notice. Please contact us if the above capacities and/or specifications do not meet your requirements.