

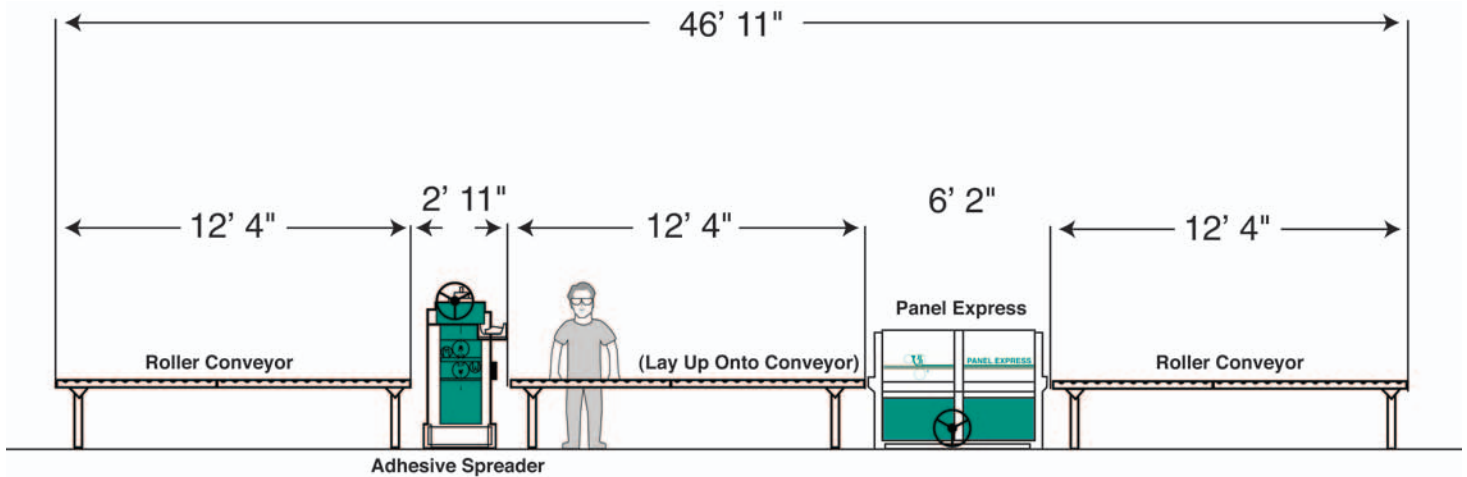
The Black Bros Panel Express heat-assisted rotary laminator is designed to laminate all types of HPL and most veneers to particleboard or MDF down to individual parts 44" long. When used in conjunction with "fast tack" PVA adhesives, the Panel Express Laminating System allows you to move from laminating into production without the need for additional curing or press time. And by using environmentally friendly PVA adhesives, it eliminates the hazards and waste related to solvent-based contact adhesive methods.



The Panel Express System

The basic Panel Express System features a 775 Adhesive spreader and a Panel Express, with a conveyor or lay-up table between them, and an out-feed conveyor after the Panel Express. To increase productivity or for lower labor costs, additional components can be added to create a more automated system (as shown on page 2) requiring only one operator. The arrangement also includes a Panel Feeder and a Laminate Indexing Station.

Panel Express System

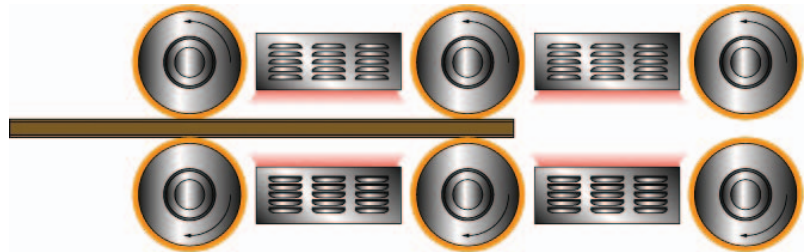


Features

- Six driven, single-speed, 7.5" (191 mm) Silicone 70 Duro rolls force out air and nip substrate and laminate together
- Four wide-area radiant heaters raise substrate surface temperature to approximately 160°. Heat accelerates the adhesive cure, reduces moisture
- Single point handwheel adjusts mechanical down-pressure and opening height
- Four access covers with electrical interlocks allow easy access to rolls and heaters
- Machine mounted control panel adjusts heater temperature and controls the main on/off function
- 68" (1727 mm) rolls easily accomodates 5' (1524 mm) wide panels

Optional Equipment

- Segmented bottom rolls for running countertops or similar material
- Variable speed drive (10 to 30 fpm/3 to 9.1 mpm)
- Optional components are available to make piece part runs as small as 24" (600 mm) possible



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