

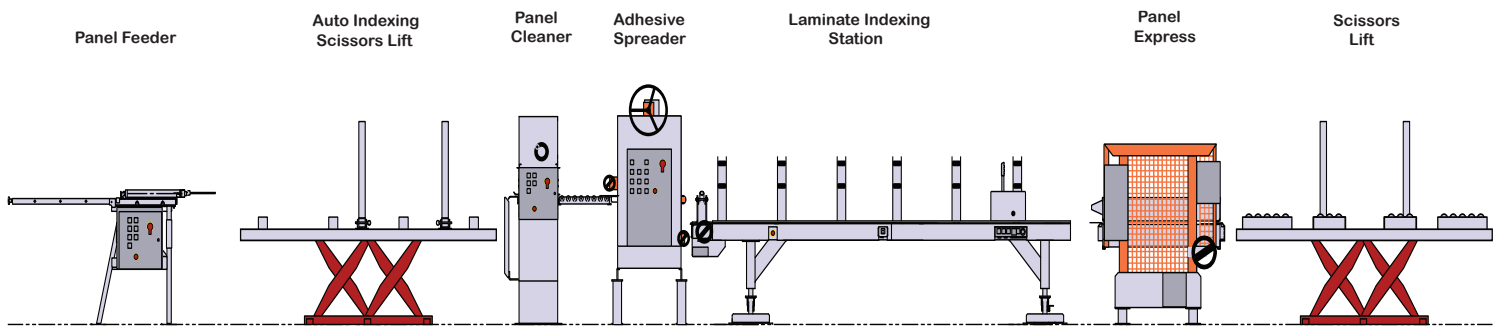
The Black Bros. Panel Express heat-assisted rotary laminator is designed to laminate all types of HPL to particleboard or MDF. When used in conjunction with “fast tack” PVA adhesives, this “In Line” Panel Express Laminating System allows you to move from laminating into production without the need for additional curing or press time.



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 or scissors lift 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 back side) requiring only one or two operators. The arrangement also includes a Panel Feeder and a Laminate Indexing Station.

Panel Express System

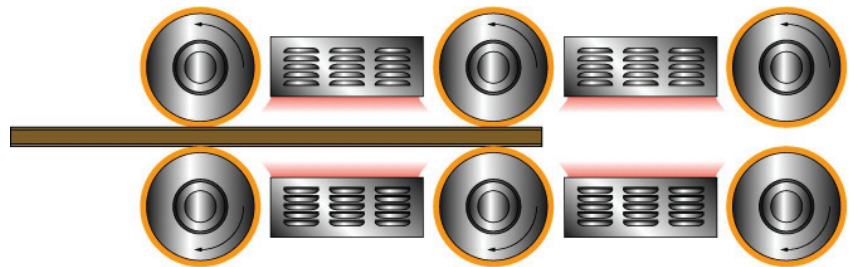


Standard Features

- Six driven, single-speed, 6" dia. (152 mm) or 9" dia. (229 mm), depending on nominal width, Silicone covered 70 Durometer rolls force out air and nip the substrate and laminate together
- 2 upper and 2 lower wide-area, radiant heaters raise substrate surface temperature to approximately 150° F. (66° C.) Upper and lower heaters are independently controllable for single top, single bottom, or top and bottom laminating. Heat accelerates the adhesive cure, by reducing the moisture.
- Single handwheel adjusts mechanical nip down-pressure and opening height
- Machine mounted control panel includes adjustments for heater temperature and roll drive controls along with the main power fusible disconnect switch
- 68" (1727 mm) rolls easily accommodate 5' (1524 mm) wide panels
- Also available in other nominal widths
- Variable Speed Drive 10-30 FPM (3-9 MPM)

Optional Features

- Auto Elevator
- Need more than 3 nips? Ask about our Panel Express Plus.
- Optional components are available to laminate parts as small as 24" (600 mm) long



For more details, contact your nearest Sales/Service Division:

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