Panel Express System

More than a Tradition 5 Generations Strong

At the Forefront of Laminating and Coating Technology for more than a Century
The Black Bros. Panel Express Heat-Assisted Rotary Laminator is designed to laminate all types of HPL, decorative plastics and other sheet products to plywood, particleboard, or MDF. When used in conjunction with “fast tack” (high solids) PVA adhesives, the Panel Express Laminating System allows you to move from laminating into production without the need for additional 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 Complete System features a Panel Feeder followed by an Auto Indexing Scissors Lift. Then a Panel Cleaner, Adhesive Spreader, a Conveyor Belt Style Semi-Automated Laminate Indexing Station followed by the Panel Express (heated), then another Scissors Lift. Depending on sizes of panels, one or two people can operate the entire system.
The Panel Express Complete Laminating System from Black Bros. is capable of running 3’ (914 mm) x 7’ (2134 mm) up to 5’ (1524 mm) x 12’ (3658 mm) and 1/2” or thicker panels up to 250 lbs. With manual feeding, you can run 24” (610 mm) widths by 48” (1219 mm) lengths.

- In-Line Continuous Process
- Ability to do many custom size runs in one shift
- Can start with basic system and as production requirements grow, add more automation
- Capable of laminating 240, 5’ (1524 mm) x 12’ (3658 mm) panels in an 8 hour shift
- Heated and Non-Heated Panel Express available
- Allows cut-to-size lamination
- Allows lamination of custom shapes

Need more than 3 nips? We can provide 5 nips without heat. Or if you need heat, ask about the Black Bros. Panel Express Plus.

CUSTOMER SERVICE R & D LAB

Our customers have been very productive in discovering new ideas, technologies and approaches to their manufacturing processes through the use of our Lab. They’re comfortable with the systematic approach we suggest to solve their manufacturing problems.

Allow Black Bros. to be your R & D partner. To schedule a LAB appointment, contact us at our Mendota, IL headquarters now!

PRODUCTS MADE WITH BLACK BROS. ROLL COATING & LAMINATING SYSTEMS