



*TB-Series  
Hot Roll Laminator*



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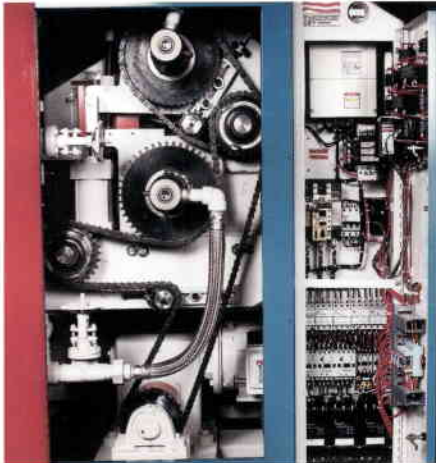
At the forefront of laminating and coating technology for more than a century

# Discover why the TB-60 is the TO

**Highly Versatile** - the TB-60 can hot roll laminate heat activated adhesive-backed decorative foils and papers – top and bottom simultaneously – with no grain raise and no clean up. For increased flexibility, couple it with a hot melt glue spreader. Apply adhesive directly to the board and laminate less expensive plain papers as well.

**Highly Productive** - capable of running up to 400 five-foot-wide boards per hour (single- or double-sided), the TB-60 maintains high productivity using only a two-person crew.

**Highly Dependable** - designed to withstand high temperatures and rigorous use, the TB-60 uses oversized sprockets, main roller bearings, and rotating unions.



Double No. 60 chain and braided stainless reinforced flex hose help ensure long life and durability. Easily accessible breakers and panel switches streamline maintenance tasks.



Numerical controls provide operator with highly accurate method of maintaining oil temperature and line speed.



Optional outfeed resilient covered combining rolls ensure conformance to uneven boards.



Air shafts are offered as an option to dramatically improve paper changeover times to improve productivity.



*Infeed Side*

# TAL hot roll laminating machine

- 1 Jib-type crane rotates 360° to easily load paper rolls.
- 2 Pass line height is set at 45 1/4" (1149.4 mm) to allow feeding and stacking a full unit of board.
- 3 Papers and foils pre-coated with adhesive eliminate glue disposal and clean up.
- 4 Operator set-up controls regulate hydraulic pressure and "unwind" tension.
- 5 Electrical control panel enables operator to monitor and adjust line speed, oil temperature, and brake pressure.
- 6 Main frame is constructed of 3/8" (9.53 mm) thick steel columns with heavy-walled tubular bracing for exceptional stability and service life.
- 7 Board guide included on most machines.



Outfeed Side

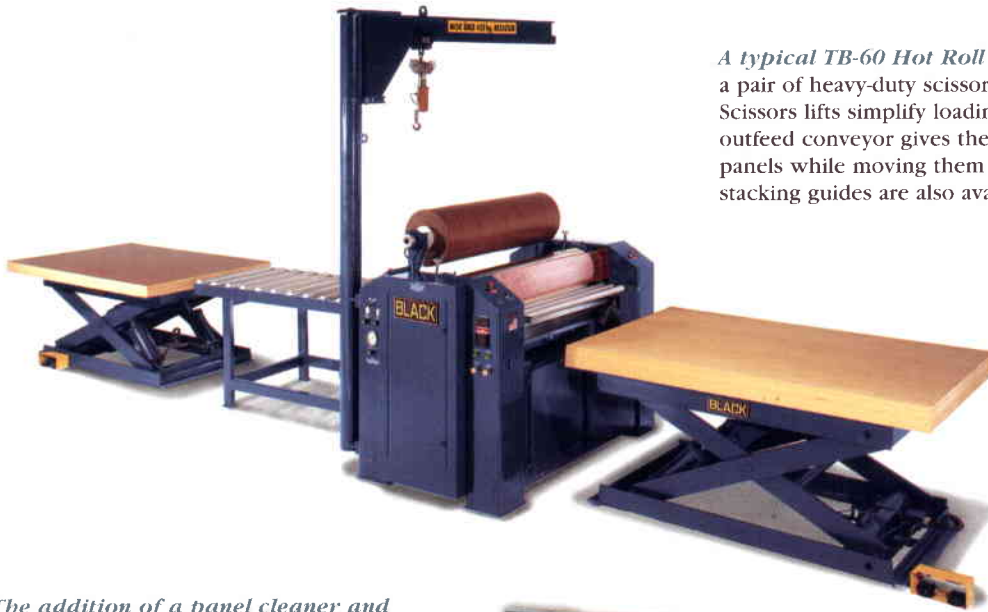
Chrome-plated laminating rollers are a full 1 1/2" (38.1 mm) thick with 4" (101.6 mm) O.D. journals for maximum strength under full hydraulic pressure. These 65 1/2" (1664 mm) face length rollers easily accommodate 60" (1524 mm) rolls of paper/foil. Internal oil heated to 425°F (218°C) and high roll pressures produce an exceptional bond and finish. Heavy-duty hydraulic cylinders provide ample pressure for difficult-to-run products.



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1-800-323-7430

# Complete Laminating Systems Also Available



A typical TB-60 Hot Roll Laminator System incorporates a pair of heavy-duty scissors lifts and an outfeed conveyor. Scissors lifts simplify loading, trimming, and unloading. The outfeed conveyor gives the operator room to separate finished panels while moving them to the outfeed scissors lift. Vertical stacking guides are also available as an option.

The addition of a panel cleaner and an in-line hot melt glue spreader enables the TB-60 to use either pre-coated or plain paper. This can reduce costs by using plain, uncoated paper. This system setup also allows using a wider variety of adhesives and laminates.

## Dimensions

### TB-60

Weight: 7500 lbs. (3402 kg)

Dimensions: 100" L x 52 $\frac{1}{2}$ " W x 64" H  
(2540 x 1334 x 1626 mm)

### Crane

Dimensions: 10'10" H (3302 mm)

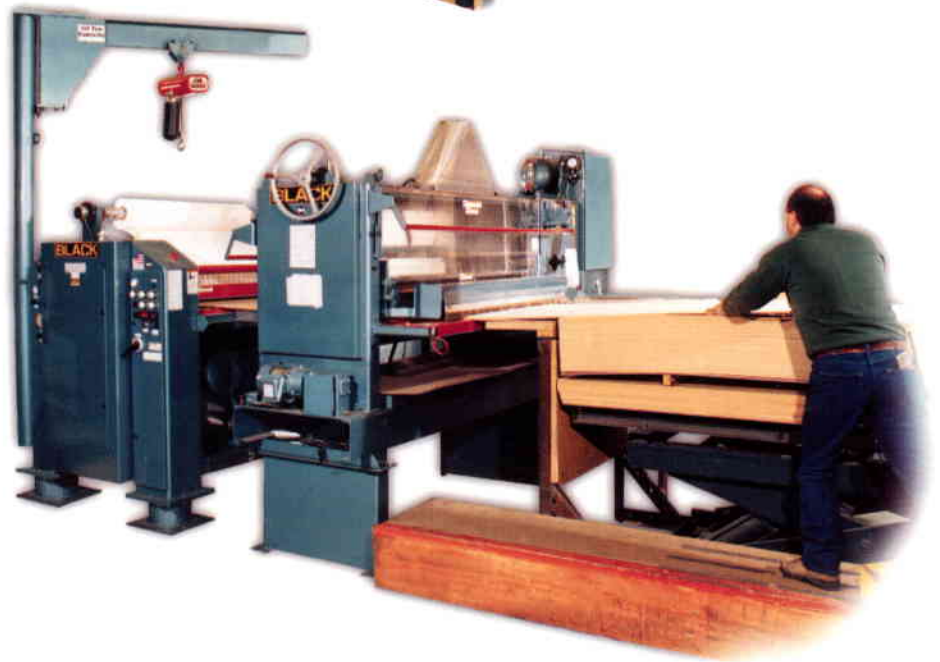
### Additional sizes are available:

TB-2000: 84 $\frac{1}{2}$ " (2146 mm)

Face Length Rollers  
119 $\frac{1}{4}$ " L x 72" W x 71" H  
(3029 x 1829 x 1803 mm)

TB-2600: 107 $\frac{1}{2}$ " (2731 mm)

Face Length Rollers  
147 $\frac{1}{2}$ " L x 72" W x 71" H  
(3747 x 1829 x 1803 mm)



**Special Note:** All application equipment, materials, and substrates have special characteristics and may require variations in machine features, technical procedures, and training. We encourage you to discuss your special needs and specifications with us. Our testing and development laboratory will use your materials to make samples for your evaluation. Before you make a purchase decision, a careful review of your technical objectives, specifications, and training requirements should be made.



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