

WPFM

END-MATCHER



**FOR VOLUME PRODUCTION OF PREMIUM LENGTH
FLOORING AND PANELING PRODUCTS**

DOUCET
PROCESS ENGINEERING
DIVISION

VALUE ADDED SOLUTIONS

FOR A COMPLEX WOOD INDUSTRY



END-MATCHER

The first and only proven, tested end-matcher suitable for a mass-production of soft wood paneling boards, 4 to 16 feet long and up to 12 inches wide. The WPFM is designed to end-match up to 50 long boards per minute. Its unique hold-down system enables it to machine softwood boards without leaving any marks on the front or back surfaces, as well as machining dome shaped log home siding.

STANDARD FEATURES

- Traverse bar conveyor 12 feet wide by 32 feet long
- The traverse bar conveyor finished in non-marring clear lacquer
- Powered by a 20 H.P. power unit and hydraulic motor
- Adjustable feed speed up to 80 FPM
- 2 side-shift roller conveyors, 1 x 24" wide and 1 x 36" wide
- Traverse bars 18" center to center
- Traverse bars for 0.75" to 1.50" thick material flat boards or up to 3" thick dome shaped boards
- Even-ender device for boards up to 16 feet long
- Gravity exit system with pneumatic dampers
- Three Ductile Iron Chains, one fixed and two adjustable chains for squaring
- Injection type chain lubrication system
- Machining centers equipped with enclosed cabins for dust control and operator safety
- Five - 5 H.P. spindle motors and two - 3 H.P. spindle motors
(with dynamic braking feature) for machining tongue and groove profiles, and bevels on front and back of boards when needed
- "Soft Touch" hold-downs for end-matching front and back of soft wood boards
- Main electrical control panel, wired for 240 - 460 or 600V. - 3 ph., 60 cycles, or 360V. - 3 ph., 50 cycles

OPTIONAL FEATURES

- **Jump Scoring Saw – tongue machining center:**
 - a jump scoring saw to prevent tear out on the **top front corner** on tongue side
(powered by trim saw motor - applies to square top or micro-bevel)
- **Jump Scoring Saw – groove machining center:**
 - a jump scoring saw to prevent tear out at the **intersection of rear groove and end groove**, powered by a 1 HP motor
- **Tooling Systems – for square or bevel end profiles.**

DISTRIBUTED BY:

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