

MPB

END-MATCHER



**AUTOMATIC AND VERSATILE
"LINEAR FEED" FLOORING END-MATCHER**

THE MPB SERIES III ADVANTAGES

COMPACT DESIGN

AUTOMATIC FEED SYSTEM

LINEAR THROUGHFEED SYSTEM

STRIP OR PLANK FLOORING

PRECISION PERFORMANCE

OPERATOR INTERFACE

- Requires minimum floor area
- Suitable for working in-line with a moulder or an optimizing saw
- Allows material as short as 11" and up to any length to be processed
- Handles boards up to 10" wide
- Unique clamps design make square cut every time
- Digital screen including fault display diagnostics

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VALUE ADDED SOLUTIONS

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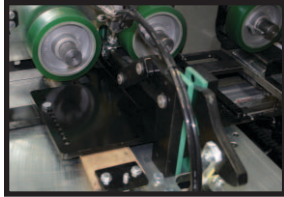
FOR A COMPLEX WOOD INDUSTRY



END-MATCHER



MPB SERIES III - CONCEPT



BOARD CLAMPING SYSTEM



PROFILING CUTTERHEAD

The MPB has a very compact design while retaining the ability to end-match long and wide boards with speed and accuracy. Its PLC controlled twin cutters and dual action clamping system produce a square cut, first time... every time.

Boards are automatically fed into the machine by polyurethane top rollers and spring loaded bed rollers. The unique dual clamping action holds the boards flat to the bed and square to the fence. The tongue and groove profiles are cut simultaneously on the trailing and leading ends of two end-to-end boards.

All controls are positioned at the front of the machine. These are kept simple and easy to operate. Operating steps are explained on the digital display. The control system includes a fault display mode, it is configured for remote diagnostics via the Internet and features a footage or piece count function. The End-Matcher can also be set to stop after a predetermined footage or piece count, ideal for packaging.

MPB SERIES III - SPECIFICATIONS

MAXIMUM WIDTH CAPACITY	→ 10"
MINIMUM PIECE LENGTH	→ 11"
MAXIMIN PIECE LENGTH	→ UNLIMITED
BOARD THICKNESS CAPACITY	→ 3/8" to 1 3/8"
MAX BOARD WEIGHT	→ 32 LB
CUTTERHEAD SPINDLE MOTORS	→ 2 X 5hp
CUTTERHEAD SPINDLE DIAMETER	→ 40mm
FEED MOTOR – VARIABLE SPEED	→ 1HP
CUTTERHEAD TYPE	→ TCT disposable tips
CUTTERHEAD DIAMETER	→ 155 and 140 mm
CUTTERHEAD TRAVEL SYSTEM	→ Mechanical Actuators
FEED SPEED	→ 295 FPM
FEED CAPACITY – AT 6' LENGTH AVG	→ 75 FPM
INFEED CONVEYOR	→ Motorised feed rolls – 11 feet long
OUTFEED CONVEYOR	→ Static Gravity Drop – 11 feet long
ELECTRICAL REQUIREMENTS	→ 440 V, 3ph, 60 hz, 18.6 amps
COMPRESSED AIR REQUIREMENTS	→ 12 cfm at 90 psi
WEIGHT	→ 2310 lb.
FLOOR AREA	→ 60" width, 48" deep, 52" height
DUST OUTLETS	→ 6" diameter, 1000 cfm

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