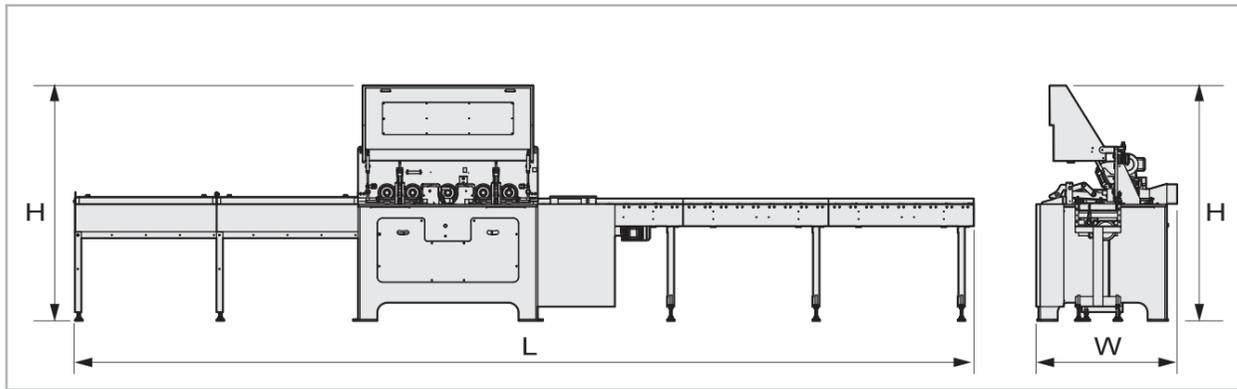


DIMENSIONAL DRAWING



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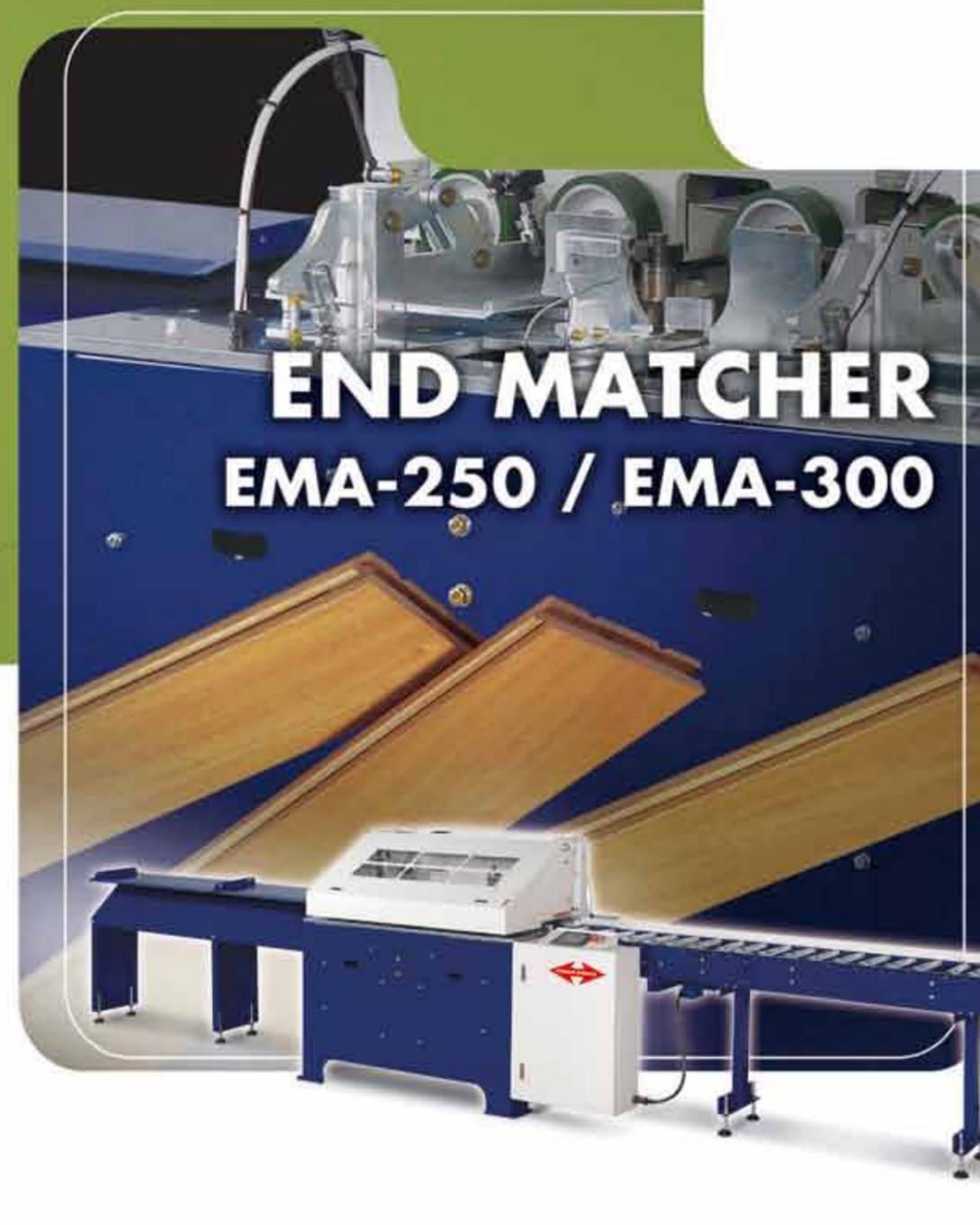


HIGH POINT INDUSTRIAL

SPECIFICATIONS

MODEL		EMA-250	EMA-300
CAPACITY	Width	40~250 mm (smaller available)	40~300 mm (smaller available)
	Thickness	10~35 mm (smaller available)	10~35 mm (smaller available)
	Min. wood length	270 mm	270 mm
	Max. wood length	Unlimited	Unlimited
FEED	Feed speed	90 m/min.	90 m/min.
	Cutting speed	24 m/min (Based on 2M wood)	24 m/min (Based on 2M wood)
MOTORS	Cutter heads	4 KW(5-1/2HP) x 2 pcs, 3ph.	4 KW(5-1/2HP) x 2 pcs, 3ph.
	Feed system	0.75 KW(1HP), 3ph.	0.75 KW(1HP), 3ph.
	Cutter drive	0.37 KW(1/2HP), 3ph.	0.37 KW(1/2HP), 3ph.
ELECTRICAL	Power source	Volt as specified 3ph, 50/60HZ	Volt as specified 3ph, 50/60HZ
	Control voltage	24 VDC	24 VDC
	Connected load	9.2 kW	9.2 kW
OTHER DATA	Clamping	Clamp on top and side	Clamp on top and side
	spindle diameter	ø 40 mm	ø 40 mm
	knives	TCT disposable inserts	TCT disposable inserts
	Operation control	Manual or automatic	Manual or automatic
	Air consumption	12 CFM	12 CFM
	Machine dimensions	2300(L)x1300(W)x1600(H)mm	2300(L)x1300(W)x1600(H)mm
	Machine weight	1050 kg	1150 kg

• All specifications, dimensions and design characteristics shown in this catalogue are subject to change without notice.



END MATCHER EMA-250 / EMA-300

A High Speed
Tenon And Mortise
Production Machine

Feed Speed upto
90 M/min.



HIGH POINT INDUSTRIAL CORP.

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HIGH POINT INDUSTRIAL

End Matcher

www.highpointtools.com

BLUE STEEL End Matcher
Gives You Competitive Edge in Tenoning And Mortising.



EMA-250 / EMA-300

Machine Features:

- PLC control combined with touch-sensing screen for maximum convenience of operation.
- Each cutterhead is driven by an independent powerful motor.
- 7500 rpm spindle speed.
- Unlimited wood length.
- Variable feed speed.
- Cutter feed is controlled by a frequency inverter that permits variable speed change to suit various cutting conditions.
- Pressure plates are actuated by air cylinders.
- Hard chrome plated table features maximum wear-resistance.
- Table rollers increase feed smoothness.
- Powered infeed roller conveyor is driven by a 0.37 KW motor.
- 3400 mm infeed roller conveyor and 2200 mm outfeed conveyor table are standard equipment.
- Fully enclosed splash guard.



Feed Drive System

- The wood feed system is driven by a 0.75 KW motor and transmitted through worm gear/worm mechanisms.
- Feed speed is controlled by a frequency inverter, allowing for variable speed change.



Cut Tenon And Mortise at A Time

The cutting mechanism consists of two cutterhead. The first cutterhead performs tenon cutting and followed with a second cutterhead for mortise cutting.



Tenoning And Mortising Cutterhead

- Both cutterheads are fitted with 14x14x2 mm knife inserts and 30x12x1.5 mm knives.
- Cutterhead bore is 40 mm in diameter.