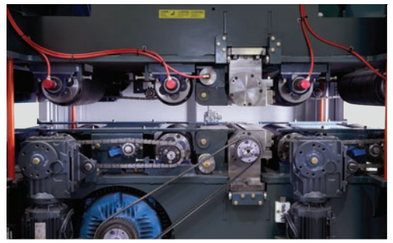
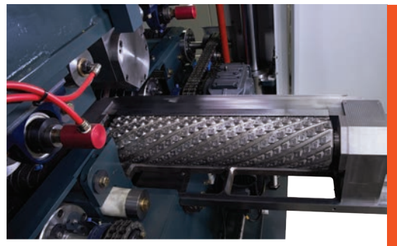
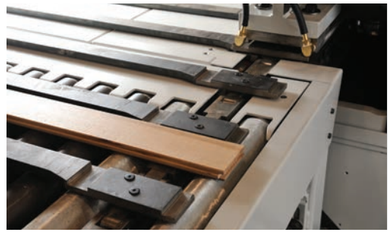
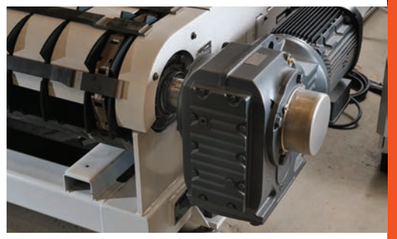
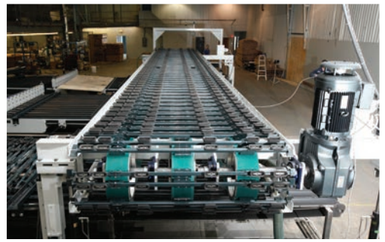
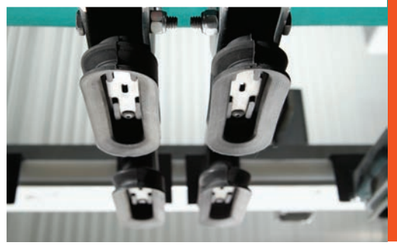
BREAKING WITH TRADITION

OTHER HIGH PERFORMANCE PRODUCTS





SIDE-MATCHER

SM-450

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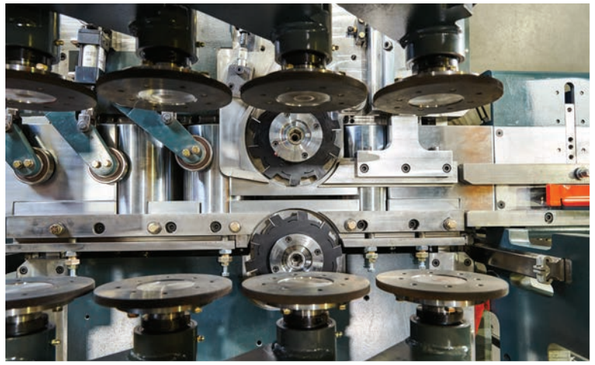
SIDE-MATCHER

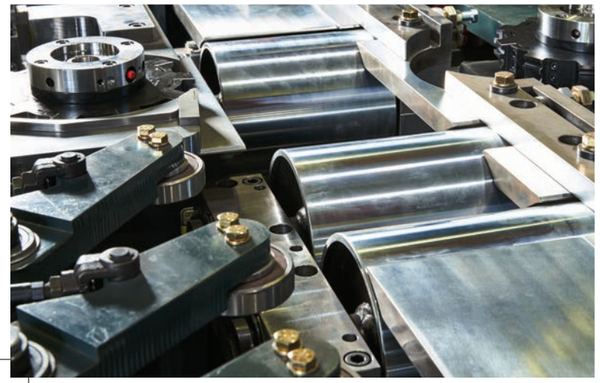
The **Side-Matcher** improves hardwood flooring manufacturing. Breaking tradition of molding hardwood floors with just one machine.

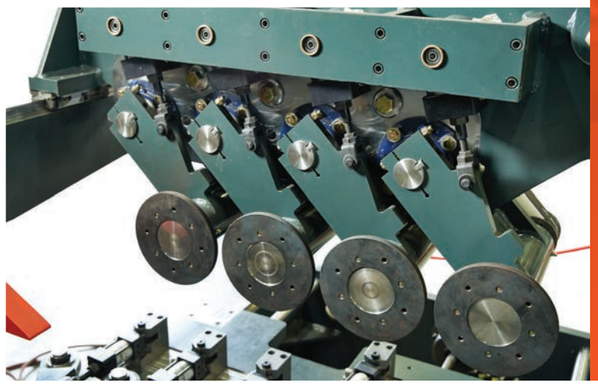
This unique concept of the **SM-450** features tongues and grooves' precision machining, while not being affected by board's curves and twists. The **SM-450** is the only equipment on the market to process short boards at high speed, by its through feed system on both machines.

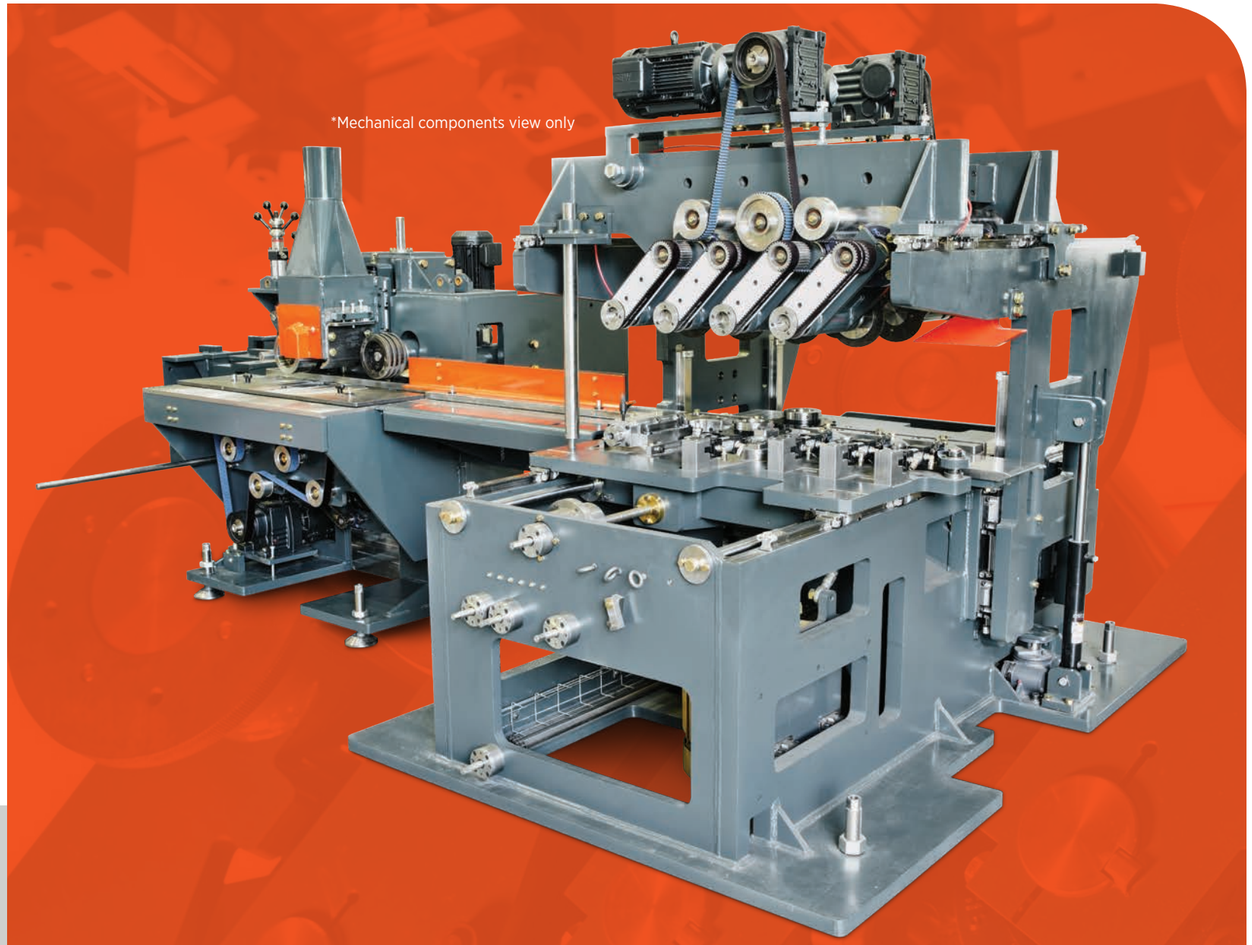
FEATURES

- Directly opposing heads (Side-Matcher): Enhances width tolerance and eliminates pistol grip
- Guarantee machining accuracy of +/- 0.002" (0.05 mm) on width and on tongue/groove position
- Through feed system in both machines: work boards as short as 9" (229 mm) out of the defecting station; can be processed directly into the Side-Matcher
- Process twisted, crooked and bowed boards
- Hydro-lock collars on all axis
- Feed wheels on independent suspension
- Very low friction
- High precision spindle
- Very short setup time
- Easy and quick width adjustment
- Easy opening for tool replacement
- Hydraulic unjamming
- Customized clamping tool









TECHNICAL SPECIFICATIONS

	SIDE-MATCHER	HOLLOW BACK
Feed Speed	200 to 450 feet per minute (61 to 137 m/min)	
Board width	1-1/2" (38 mm) to 8" (203 mm)	
Board thickness	1/2" (13 mm) to 1-1/2" (38 mm)	
Board length	Minimum through feed of 9" (229 mm)	
Tooling RPM	6000 RPM	
Tooling head diameter	2 x 8" (203 mm)	1 x 8" (203 mm)
Tooling motorization	2 x 30 HP	1 x 30 HP
Feed wheels	2 rows of 4 wheels on top	2 wheels on top
Feed wheels motorization	2 x 3 HP	2 x 3 HP
Feed rolls	3 x chromed rolls on bottom	5 x chromed rolls on bottom
Feed rolls motorization	3 x 2 HP	1 x 5 HP
Motorization control	AC drive on all motors	
Axis movements	Linear bearings	
Locking system	Hydro-lock on all axis	
Voltage	480V or 600V	

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