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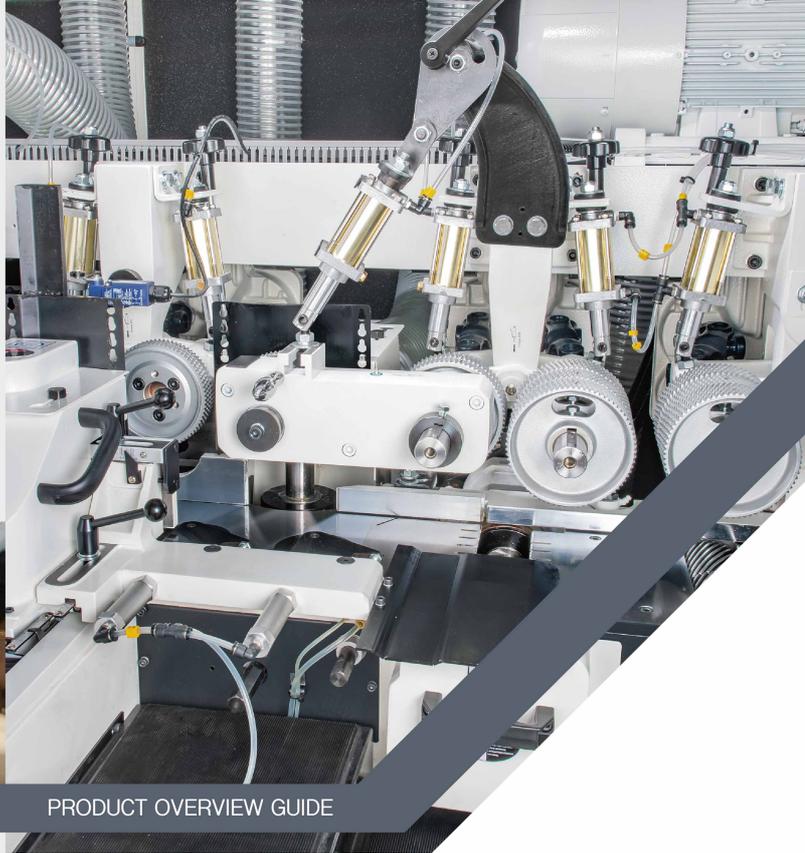
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PRODUCT OVERVIEW GUIDE

Planing and Moulding Machine
 **M-200/200X Series**

KENTWOOD™



KENTWOOD™

KENTWOOD woodworking machinery, crafted by a team of American and German engineers, is the go-to choice for modern craftsmen and industrial manufacturers who demand the best in automated solid wood processing solutions. KENTWOOD's commitment to quality and service has been steadfast for over a decade, offering a lineup that includes planers, rip saws, moulders, and a variety of other high-quality solid wood processing equipment. Our goal is to help you optimize yield and improve accuracy and safety, all while reducing processing time, cutting labor costs, and minimizing the need for rework.



Our comprehensive range of products has earned the trust of thousands of manufacturers across the woodworking and milling industries. These professionals rely on KENTWOOD for consistent performance and exceptional results in their production process.

Our Solutions

- Planers
- Rip saws
- Moulders
- Moulder Feeders
- Material Handling
- Machine Scraper
- Horizontal Band Resaws
- Vertical Band Resaws
- Tool Grinders
- Tool Setters
- End Profiling



About KENTWOOD Machinery

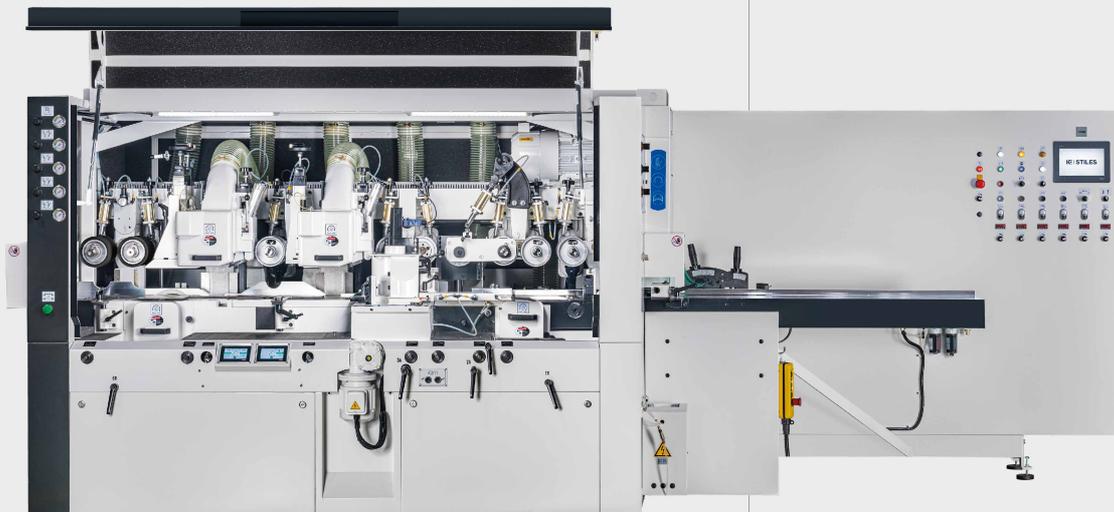
KENTWOOD™ MOULDERS

PRODUCT OVERVIEW GUIDE

Superior Moulding Starts Here.
Precisely Profiled. Efficiently Executed.

M-200 / M-200X Planing and Moulding Machines

The KENTWOOD M-200 and M-200X series are the perfect entry into solid wood processing with features you'd expect from a best-in-class moulder. It is available in a professional specification as well as the X class, which boasts a technology package that adds even more power and features.



M-200 Series

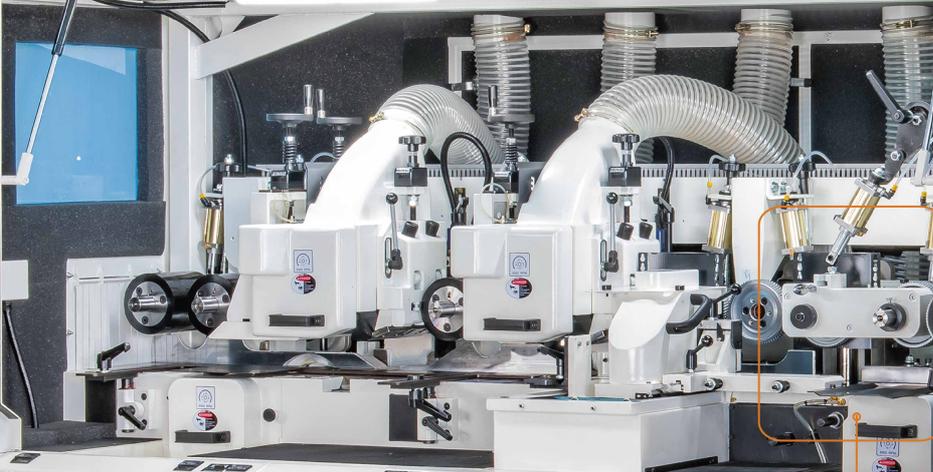
- ✓ Professional level
- ✓ High quality
- ✓ Value-added features

M-200X Series

- ✓ More technology
- ✓ More power
- ✓ More features

Chrome Table Surface & Ergonomic Infeed Table

Hardened industrial chrome provides durability and excellent performance with MDF or tropical woods. The ergonomic infeed table features adjustable fence height, built-in lubrication, pressure regulation, and a user-friendly layout for efficient operation.



Performance Features:

- One-piece cast iron frame ensures maximum rigidity and vibration damping, while the standard sound enclosure enhances safety and reduces noise
- Each spindle is powered by its own high-performance motor with precision bearings, ensuring smooth, powerful, and reliable operation
- Spindle speeds up to 6,000 RPM for fine surface finishing (up to 8,000 RPM on M-200X for even higher throughput and smoother results)
- Pneumatic top feed roll and side pressure systems provide consistent hold-down and accurate guiding
- Full-width driven infeed and outfeed rollers for smooth material handling
- Grease-lubricated internal components for maintenance-free operation
- Centralized table lubrication system (automatic version included in M-200X)



Inverter Spindle Control

High-quality inverters ensure smooth spindle start/stop, enhance safety, reduce wear, and lower energy and maintenance costs.

Short Stock Feeder Gearbox

Reduces distance between rollers for better processing of shorter workpieces.



Handheld Pendant

Ergonomic remote control for emergency stops and quick feed roller and spindle adjustments.

XP Urethane Drive Rollers

Positioned after the last top spindle, these durable rollers offer superior traction and longer life compared to traditional rubber. Their two-piece design reduces maintenance costs by allowing easy tire replacement.



M-200 / M-200X PRODUCT FEATURES



Quick Set System

Tool-free adjustments with kipp lever handles and analog scales simplify setup. This ergonomic design reduces setup time by up to 50% and improves daily operation efficiency.

M-200



Operator Control Panel

Main controls are located at the infeed, including spindle on/off, speed display, and emergency stops. Additional safety and transport controls are positioned along the machine for easy access.

M-200X



HMI Touchscreen

Multilingual EasySet software featuring easy to use diagnostics and storage for up to 200 profiles.

Adjustable Spindle Speeds

Variable spindle speeds add versatility, allowing for a superior finish and higher output.

M-200



Dynamic Rail and Bearing System

M-200X



Split Pad Pressure Shoes

Dual independent pressure shoes with spring tension and digital readouts ensure accurate and flexible control.

Pneumatic Pressure Elements

Upgraded from spring to pneumatic tension. External regulators allow quick adjustments based on profile size, reducing setup time.



M-200X

Dump Release Valve

A green button at the rear instantly releases pneumatic pressure from the top elements when a board gets stuck—no need to stop the machine or manually adjust. This saves time and keeps production moving.

PRODUCT FEATURES

M-200



Quick Spindle Setup

Each spindle offers axial/radial manual adjustment with SIKO-style digital readouts and dual-window tool offset input for fast, precise setup.

M-200X



LCD Spindle Displays

View live spindle positioning and setup instructions with easy-to-read LCD displays.

M-200/5



M-200/6



M-200X/6



Technical Details

Model	No. Spindles	Height	Length	Width	Weight
M-200/5 (X)	5	1,778 mm (70")	3,937 mm (155")	1,752.6 mm (69")	3,798.8 kg (8,375 lbs)
M-200/6 (X)	6	1,778 mm (70")	4,470.4 mm (176")	1,752.6 mm (69")	4,748.7 kg (10,469 lbs)

Specifications

	M-200	M-200X
Number of Spindles, Min-max	4 to 8 Spindles	
Working Width (at a tool cutting circle of 125mm)	15–250 mm (0.59"–9.84")	
Working Thickness (at a tool cutting circle of 125mm)	10–160 mm (0.39"–6.30")	
Basic Spindle Motor Capacity	7.5 HP (5.59 kW) / 10 HP (7.46 kW)	10 HP (7.46 kW) / 15 HP (11.19 kW)
Spindle Diameter	40mm, 1-1/2", 1-13/16"	
Spindle Speed	6,000 RPM	4,000 – 8,000 RPM
Tool Cutting Circle, First Bottom Spindle, Min-max	125–160 mm (4.92"–6.30")	
Tool Cutting Circle, Vertical Spindles, Min-max	112–200 mm (4.41"–7.87")	
Tool Cutting Circle, Horizontal Spindles, Min-max	112–200 mm (4.41"–7.87")	
Feed Motor	5 HP (3.73 kW) / INVERTER	
Feed Speed, Infinitely Variable	6–24 m/min (19.69–78.74 FPM)	6–30 m/min (19.69–98.43 FPM)
Feed Roll Diameter	140 mm (5.51")	
Top Feed Roll Width	50 mm (1.97")	
Bottom Feed Roll Width	Full Width	
Pneumatic Pressure for Feed Rolls, Max	6 bar (87 psi)	
Adjustment Range for Infeed Table and Edge-Jointing Fence	10 mm (0.39")	
Adjustment Range of Vertical Spindles (axial)	20 mm (0.79")	
Adjustment Range of Horizontal Spindles (axial)	20 mm (0.79")	
Length of the Infeed Straightening table	2m (78.74")	
Diameter of Dust Hoods for Vertical & Horizontal Spindles	125 mm (4.92")	
Mechanical Digital Readouts on All Axis of All Spindles	Std.	
Mechanical Digital Readouts for the Chip breakers & Pressure Shoes	Std.	
Full Sound and Safety Enclosure	Std.	
Motorized Vertical Adjustment of Feed Beam	Std.	
Lateral Pressure Roller Opposite First Right Spindle	Spring Tensioned Standard	Pneumatic Tensioned Standard
Chainless Cardan Shaft Feed System	Std.	

M-200 / M-200X Feature Comparison

	M-200	M-200X
Fixed RPM		Elec Variable Spindle RPM
Spring Pressure Elements		Pneumatic Pressure Elements
Single Segment Pad Shoe		Split Pad Shoe
NA		EasySet Software
SIKO Mechanical Dual Digital DRO		HMI Touch Screen
NA		Dump Release Valve

X Performance Options Comparison

The M-200X models offer slightly more horsepower with additional features, providing more flexibility and capacity compared to the standard M-200.