

**Your Best Partner for Solidwood
Furniture Manufacturing**
Stable | Efficient | Safe | Precision

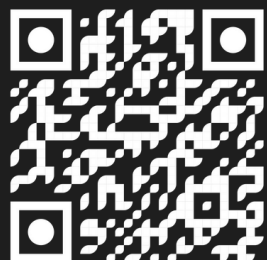


Continuous Innovation | Independent Manufacturing
Excellent Reputation | Excellent Service

JAK

MACHINERY

POSSIBLE IS ANYTHING



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COMPANY PROFILE

Founded in 2015, JAK Machinery is today hold the most advanced CNC Machinery for the wood working Industry in India.

Thanks to our more than 300 customers from almost all the states of the India, who continuously interact with us for the latest requirements and improvements in our CNC Machines. JAK Machinery now able to manufacture most advance CNC machine with our priority "Safety + Speed + Userfriendly" and yet most affordable machine specially for the people of India.



Mission

To revolutionize the Solidwood furniture manufacturing Process

Vision

To become & remain the one & only prominent name in Solidwood furniture manufacturing automation



STARTUP

REMOTE SUPPORT

TRAINING

DESIGN SUPPORT

SPARE PARTS

MAINTENANCE CONTRACT

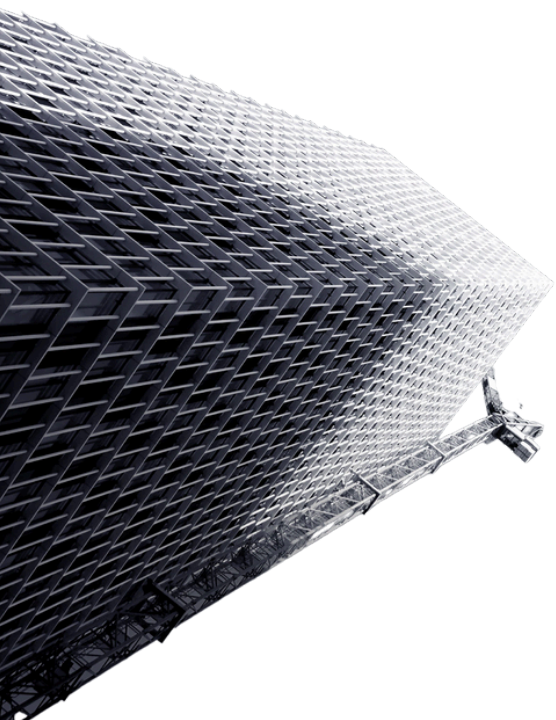
PRODUCT CATALOG

CNC ROUTER SERIES 01

CNC LATHE SERIES 05

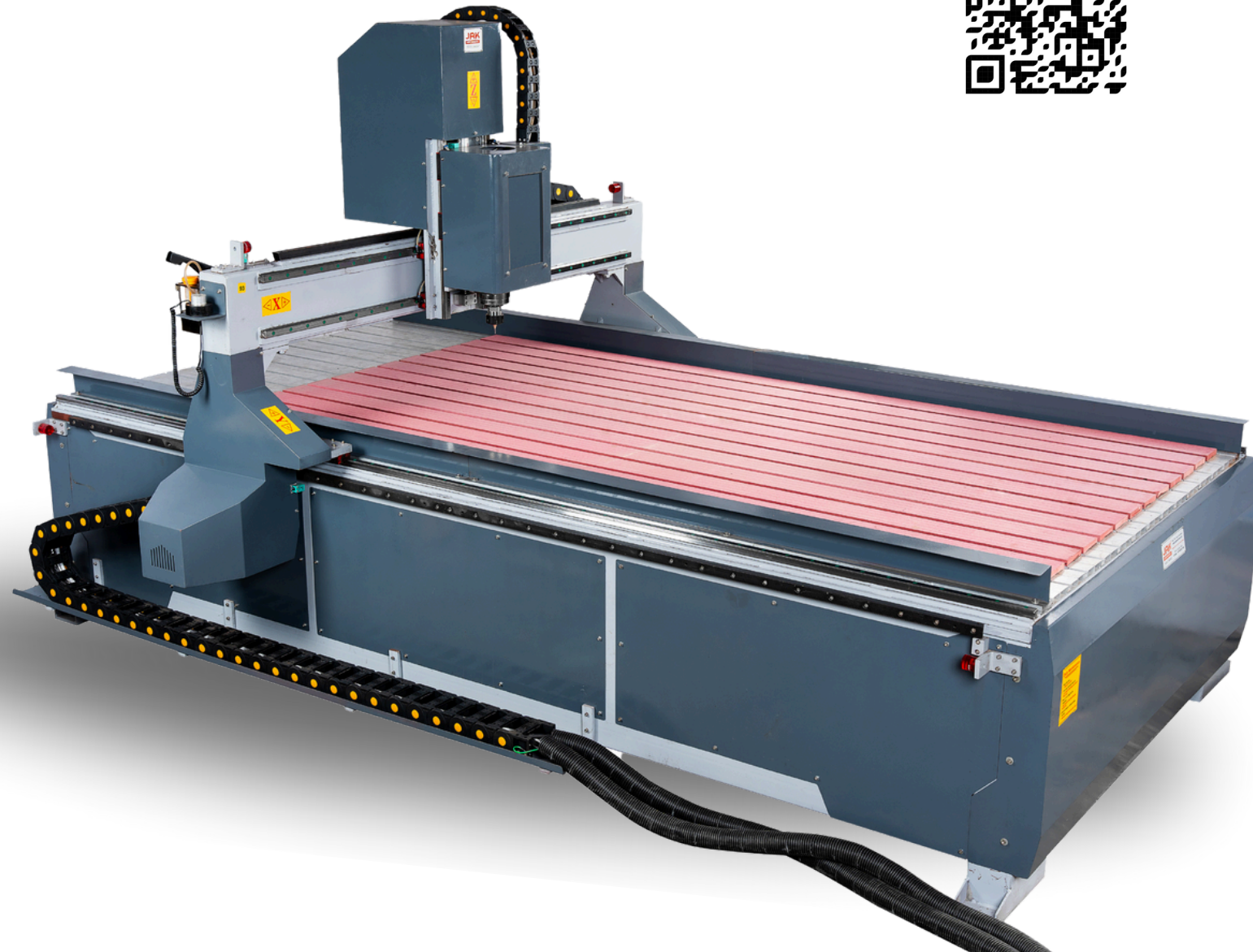
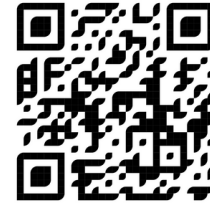
CNC TENON AND MORTISE SERIES 13

CNC MILL BANDSAW SERIES 15



R-MTC CNC ROUTER

Scan the qr for operation video



Product Advantage

This is most **basic router model**.

Machine have 3 Axis for various operation like 2D cutting , 3D carving , drilling etc.

The head is called Spindle - which need to install tool manually

Equipment Detail



Configuration instructions

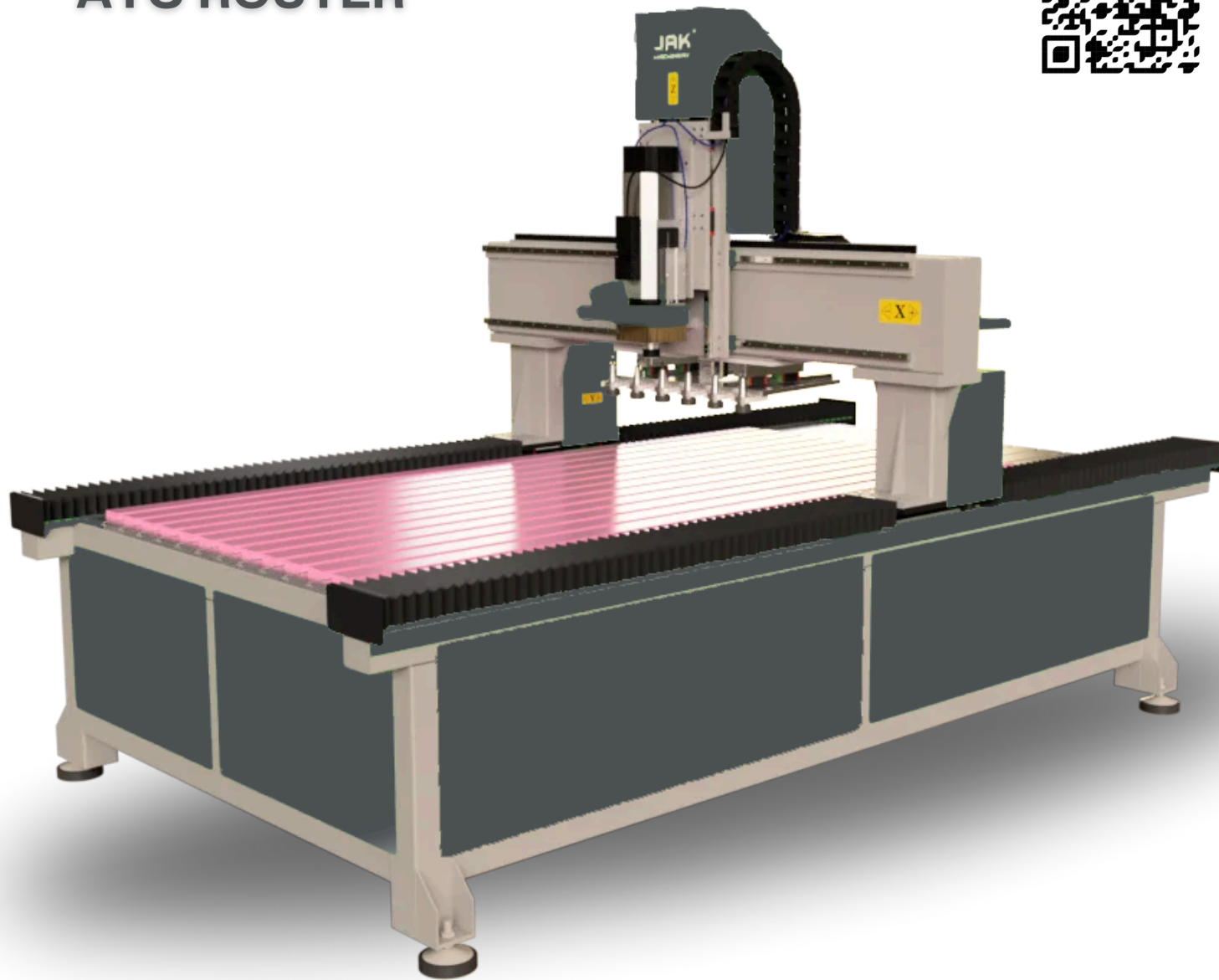
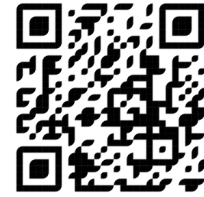
Router Type	Single Head Router	Multi Head Router
Bed Size	4x8 Feet (customizable)	
Max Material Thickness	3 inch (Customizable)	
Carving Spindle Type	MTC - Manual Tool Change	
Bed Type	T-Slot Aluminum	Vacuum Bed
Max Rapid Speed	14000 mm/min	
Axis Motion Motor	Servo Motor	
Spindle Specification	3.5 kW / 4.5 kW / 6 kW Air Cooled, 18000 rpm, ER32	

Real shot of processed product



R-ATC ATC ROUTER

Scan the qr for operation video

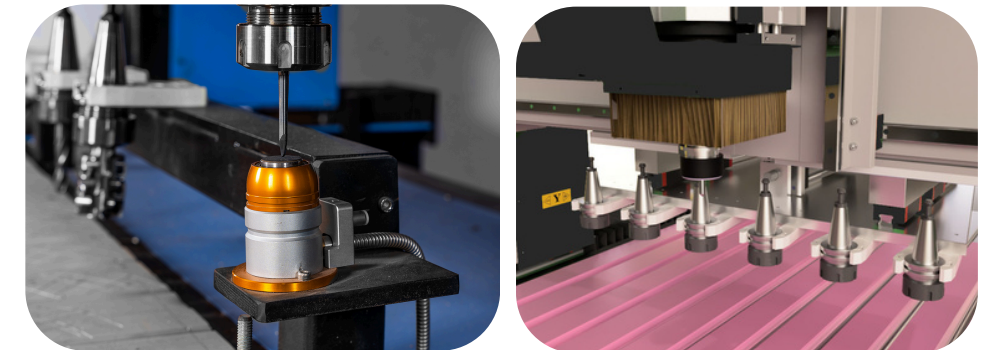


Product Advantage

D Profile Cutting and Pocketing, Drilling, 3D Carving, 2.5D Carving(V Carving)

Auto Dust Collection, Auto Tool zero, Auto Stop, Auto Origin, Auto Lubrication
User Friendly Interface, Realtime Simulation, Realtime Speed Changing,
Timelaps and counter , Data management, Online Health Check up

Equipment Detail



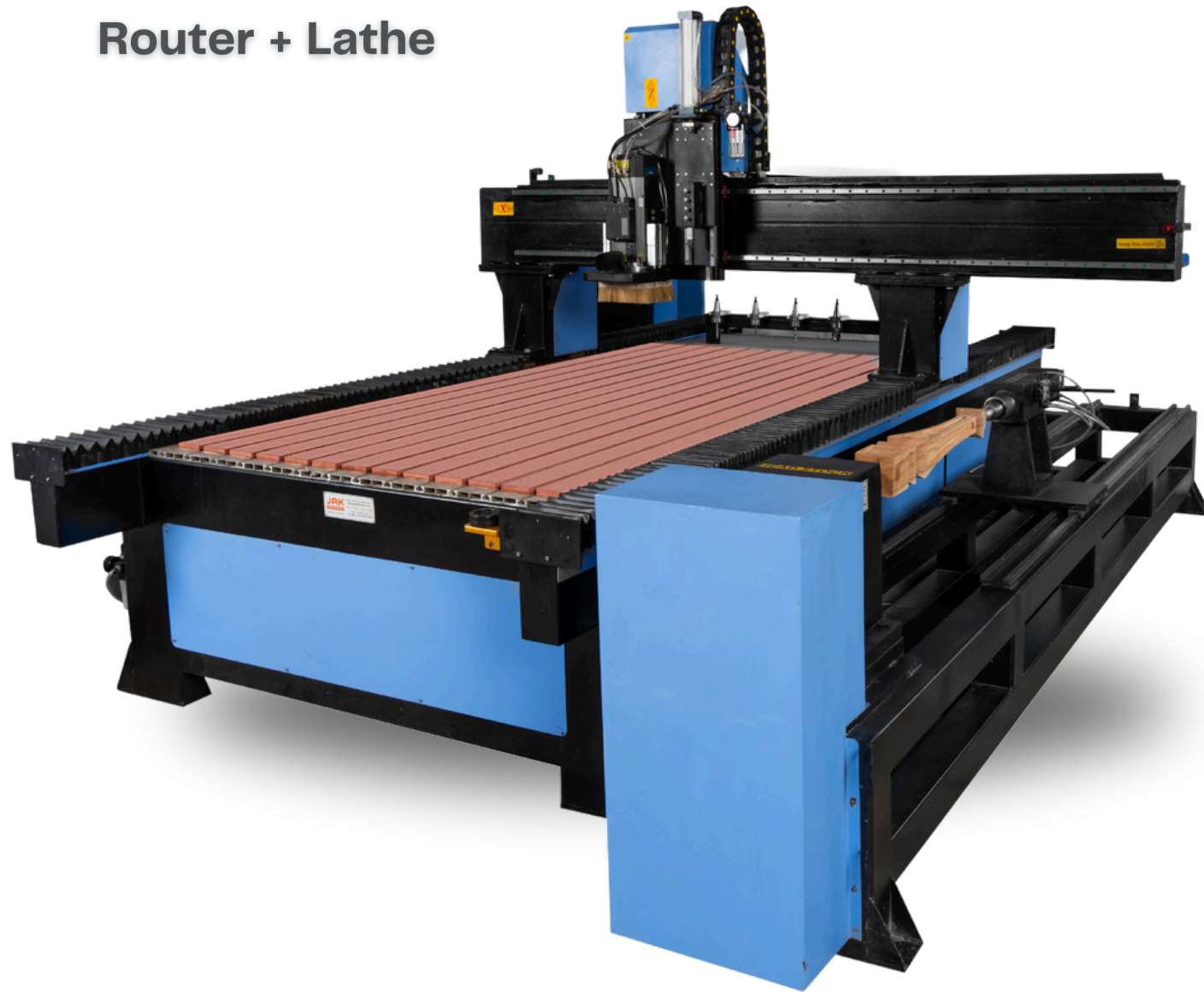
Configuration instructions

Router Type	Single Head Router	Multi Head Router
Bed Size	4x8 Feet (customizable)	
Max Material Thickness	3 inch (Customizable)	
Carving Spindle Type	ATC - Automatic Tool Change 6 Tool Station (ISO30 - ER32 Collets)	
Bed Type	T-Slot Aluminum	Vacuum Bed
Max Rapid Speed	14000 mm/min	
Axis Motion Motor	Servo Motor	
Spindle Specification	3.5 kW / 4.5 kW / 6 kW Air Cooled, 18000 rpm, ER32	

Real shot of processed product



◆ ATC Advance Router Router + Lathe



◆ Real shot of processed product



◆ Product Advantage

It is perfect to cut any material that is available in flat sheet form; it is good for plywood, PVC, wood, MDF, ACP, etc. to make **furniture, doors, cabinmates, and so many other things**

It is perfect to make any cylindrical or rotary part mostly from wood blocks, which are generally used in **table legs, pillars, and similar applications.**



Scan the qr for operation video

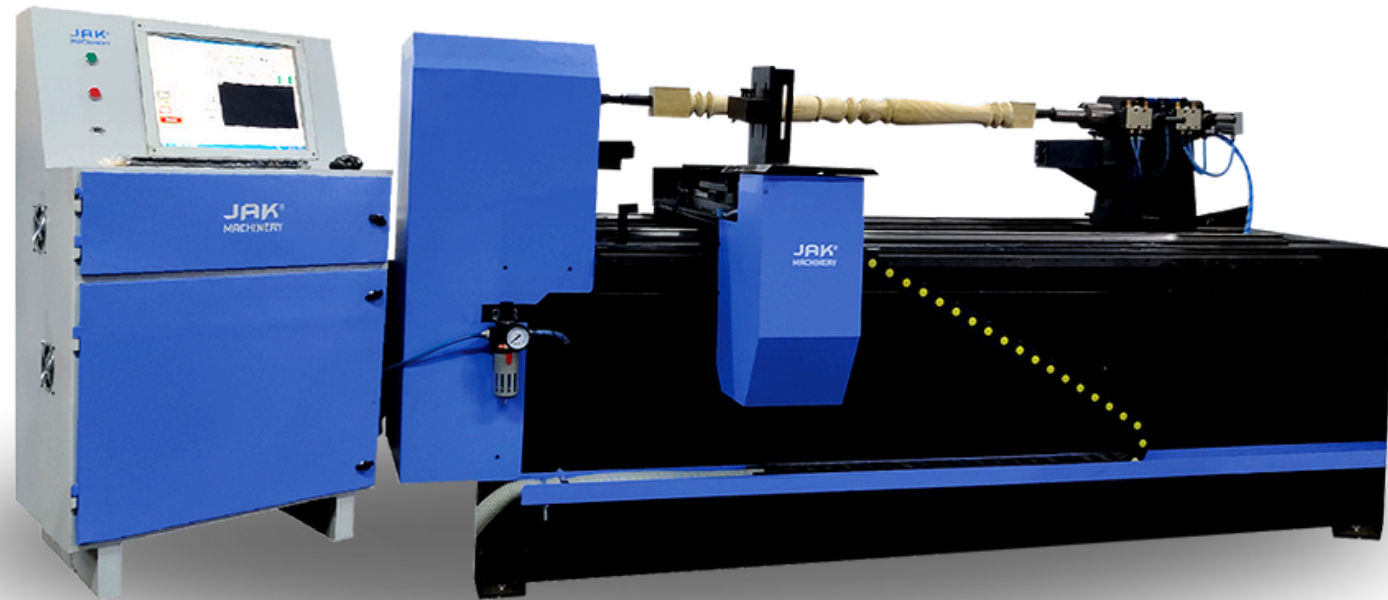
◆ Configuration instructions

Functions	Router Mode : Flat Area Carving (Area : 4x8 Feet, Material Thickness : 100 mm) Lath Mode : Turning + 4 Axis Carving (Length : 6 Feet, Width : 6x6 inch)
Number of Axis	4 Axis (Simultaneous)
Bed Type	Vacuum Bed / T-Slot Aluminum
Carving Spindle Type	ATC - Automatic Tool Change
ATC Carving Tool Station	6 Tool Station (ISO30 - ER32 Collets)
Max Rapid Speed	14000 mm/min
Position Accuracy	0.05 mm (50 Micron)
Power Consumption	13KW (3 Phase)
Weight	1700 KG

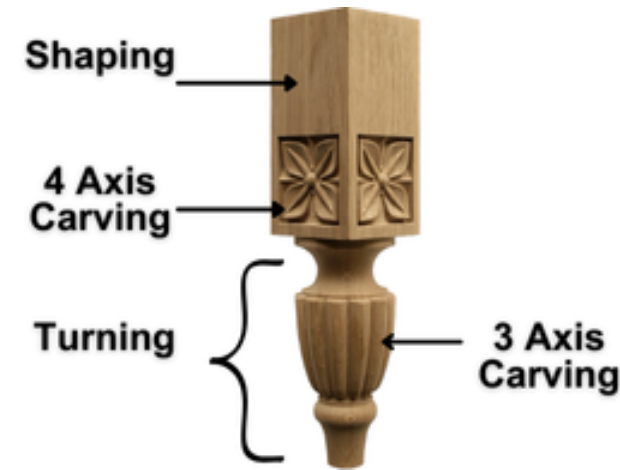
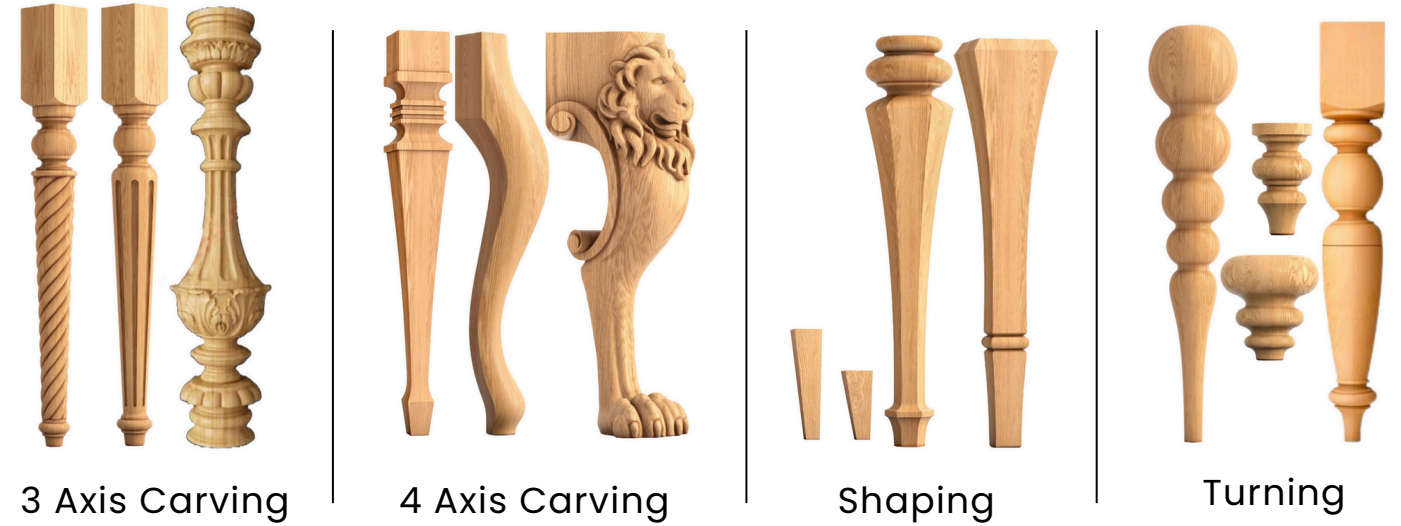
2X-T-AC CNC 2 AXIS LATHE



Scan the qr for operation video



Customization



Tool Change

MTC- Manual Tool Change
ATC- Auto Tool Change

Configuration instructions

Max Rapid Speed	8000 mm/min
Max Wood Width	4x4 Inch / 6x6 inch / Customize
Power Consumption	13KW (3 Phase)
Max Wood Length	3 Feet / 4 feet / Customize
Position Accuracy	0.05 mm (50 Micron)

T	Turning
TC	Turning Carving
TCS	Turning Carving Shaping
TCSF	Turning Carving Shaping Finishing
TB	Turning Boring
TBC	Turning Boring Cutting

AXIS
3X - 3 Axis
4X - 4 Axis
5X - Axis

Feed Style
Auto Center
Auto Feeding



◆ 4X-TC-MTC 4 Axis Turning Carving CNC Wood lathe



◆ Product Advantage

Multi-functional Wood Lath Machine having capability of Turning and 4 axis Carving Operations like **Wood Turning , Mortise , Slotting , Carving, Drilling** can be done in single setup !



Scan the qr for operation video

◆ Configuration instructions

Max Rapid Speed	8000 mm/min
Max Wood Width	4x4 Inch / 6x6 inch / Customize
Spindle Specification	3.5 kW / 4.5 kW / 6 kW Air Cooled, 18000 rpm, ER32
Power Consumption	13KW (3 Phase)
Max Wood Length	3 Feet / 4 feet / Customize
Position Accuracy	0.05 mm (50 Micron)

◆ Real shot of processed product



◆ Equipment Detail



◆ **4X-TCSF-MTC**
4 Axis CNC Wood Lathe

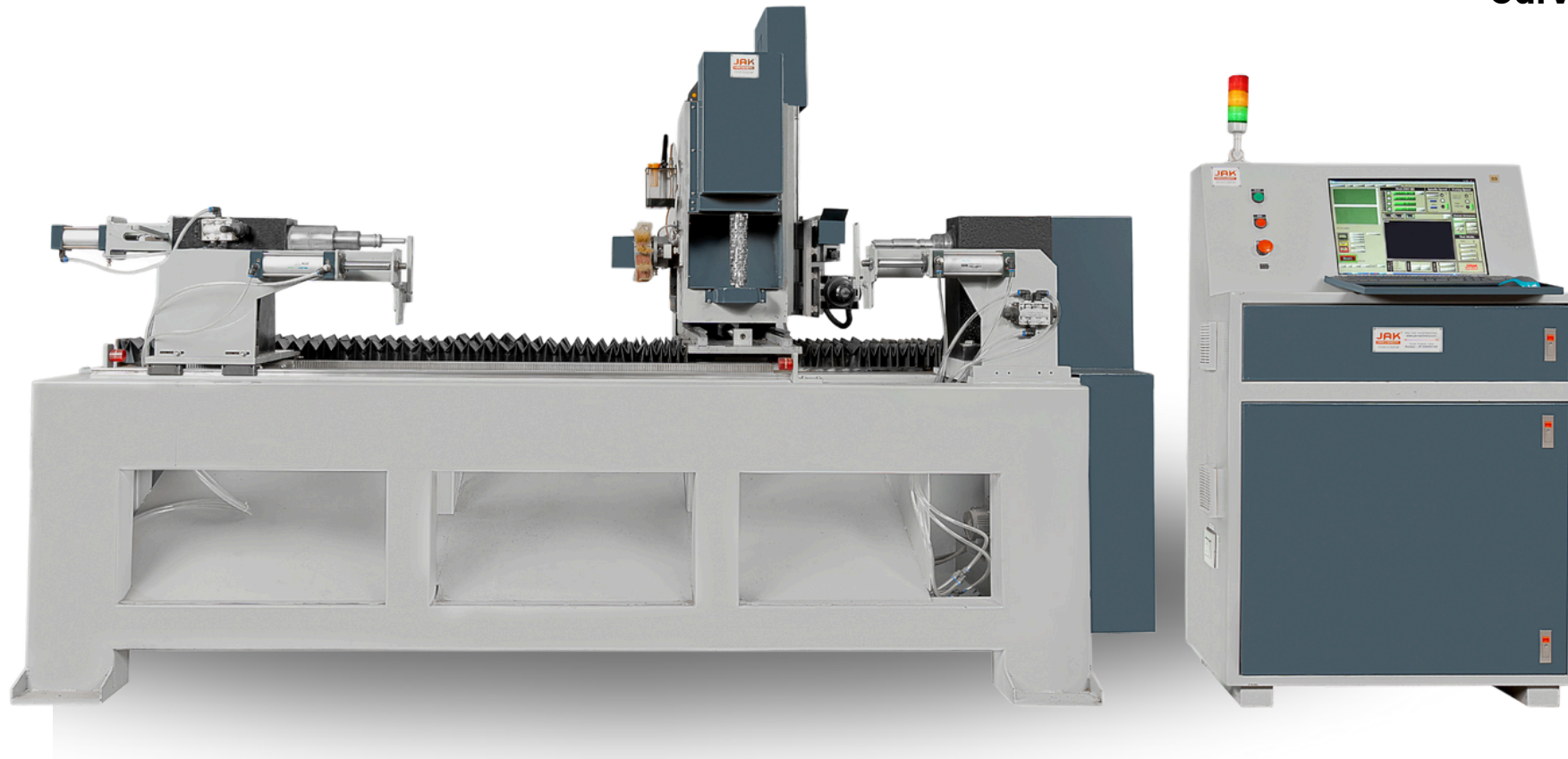
Scan the qr for operation video



◆ **Product Advantage**

Multi-functional Wood Lath Machine having capability of **Turning , Carving , Shaping and Finishing(TCSF)**

Almost all the operations like **Wood Planning , Turning , Mortise, Slotting , Carving and Finishing** can be done in single setup !



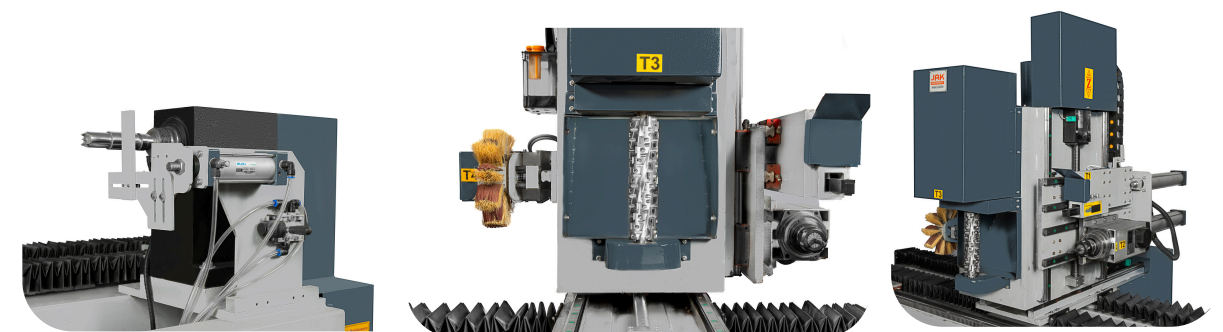
◆ **Configuration instructions**

	ATC Auto Tool Change	MTC Manual Tool Change
Carving Spindle Type	ATC Auto Tool Change	MTC Manual Tool Change
Max Rapid Speed	8000 mm/min	
Max Wood Width	4x4 Inch / 6x6 inch / Customize	
Spindle Specification	3.5 kW / 4.5 kW / 6 kW Air Cooled, 18000 rpm, ER32	
Power Consumption	13KW (3 Phase)	
Max Wood Length	3 Feet / 4 feet / Customize	
Position Accuracy	0.05 mm (50 Micron)	

◆ **Real shot of processed product**



◆ **Equipment Detail**



5X-TCSF-AF-ATC CNC 5 Axis ATC Wood Lathe

Scan the qr for operation video



Product Advantage

Multi-functional 5Axis Wood Lath Machine having capability of **Turning , Carving , Shaping and Finishing (TCSF)**.
Feeding System is Fully Automatic - Feed that 5-10 wood planks all together loading and Unloading is automatically equip with High Speed Servo Motor, Maximum Wood size can be customized.
Function is equipped with **Automatic Tool Change with 6 Tool Station**

Configuration instructions

Carving Spindle Type	ATC Auto Tool Change	MTC Manual Tool Change
Max Rapid Speed	8000 mm/min	
Max Wood Width	4x4 Inch / 6x6 inch / Customize	
Spindle Specification	3.5 kW / 4.5 kW / 6 kW Air Cooled, 18000 rpm, ER32	
Power Consumption	13KW (3 Phase)	
Max Wood Length	3 Feet / 4 feet / Customize	
Position Accuracy	0.05 mm (50 Micron)	

Real shot of processed product



Equipment Detail



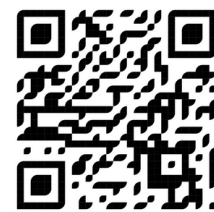
◆ Tenon and Mortise Machine

◆ Product Advantage

India's most advanced machine for Joinery of solid Wood furniture parts like Dining table and chairs. Equipped with Easiest Parametric Automatic programmer, user friendly machine for **Tenon and mortise making**. It is designed to create strong and precise joints, specifically the tenon and mortise joint.

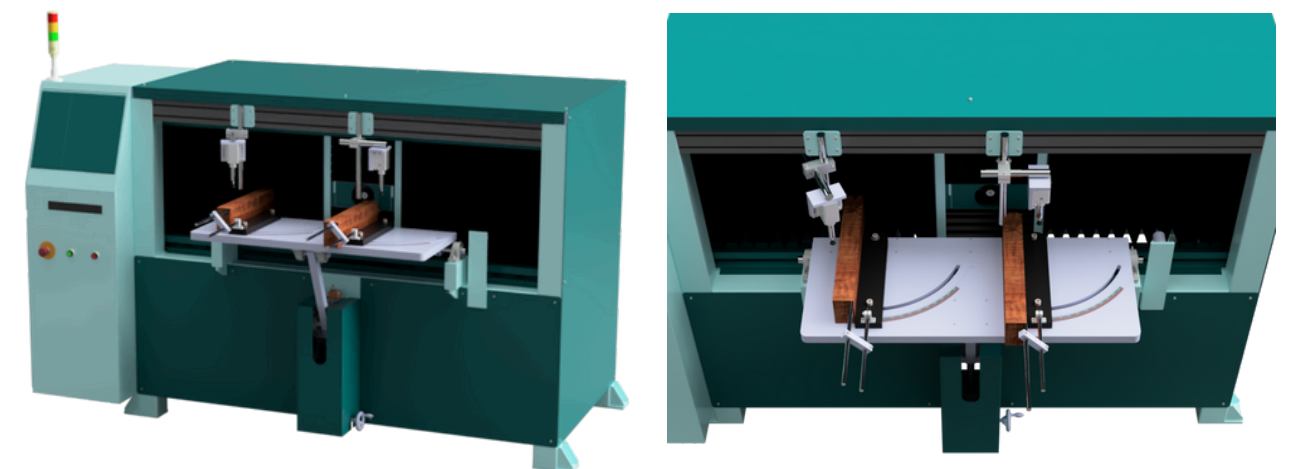
◆ Configuration instructions

Functions	Tenon and Mortise
Input Program type	Parametic gcode OR CNC gcode
Max Wood Size	Max Cross Section : 3x6 inch Max Wood Lenth : 3 Feet
Max Tenon mortise depth	2 inch (can be customised)
Number of Axis	Option 1 : 3 CNC Linear Axis + 1 Manual Rotational Axis Option 2 : 3 CNC Linear Axis + 2 Manual Rotational Axis
Number of Tool	Option 1 : Single Tool (Manual Tool Change) Option 2 : Dual Tool (Auto tool change)
Number of Station	Single / Dual Station

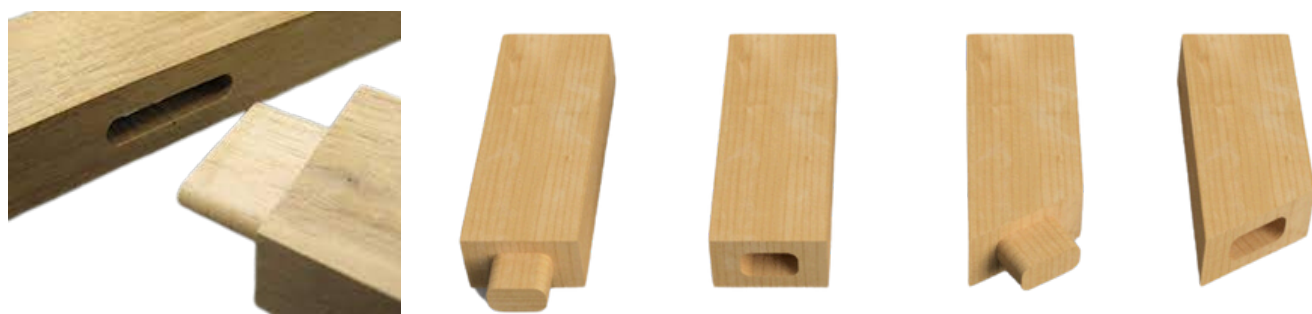


Scan the qr for operation video

◆ Equipment Detail



◆ Real shot of processed product



◆ CNC Mill Band Saw (Autofeed)

◆ Product Advantage

CNC Mill Band Saw Machine is designed for crafting wooden furniture, a game-changer in the woodworking industry.

Take your furniture production to the next level with this cutting-edge technology.

◆ Equipment Detail



◆ Configuration instructions

Max Wood Size	48x20 inch (Manual Loading) 8x48 inch (Auto Loading)
Max Wood Thickness	4 inch (Can be customized)
Power Requirement	15 kw, 3 phase
Number of Axis	2 Axis
Machine Size	8x10x6 Feet
Machine weight	1500 Kg

◆ Real shot of processed product

