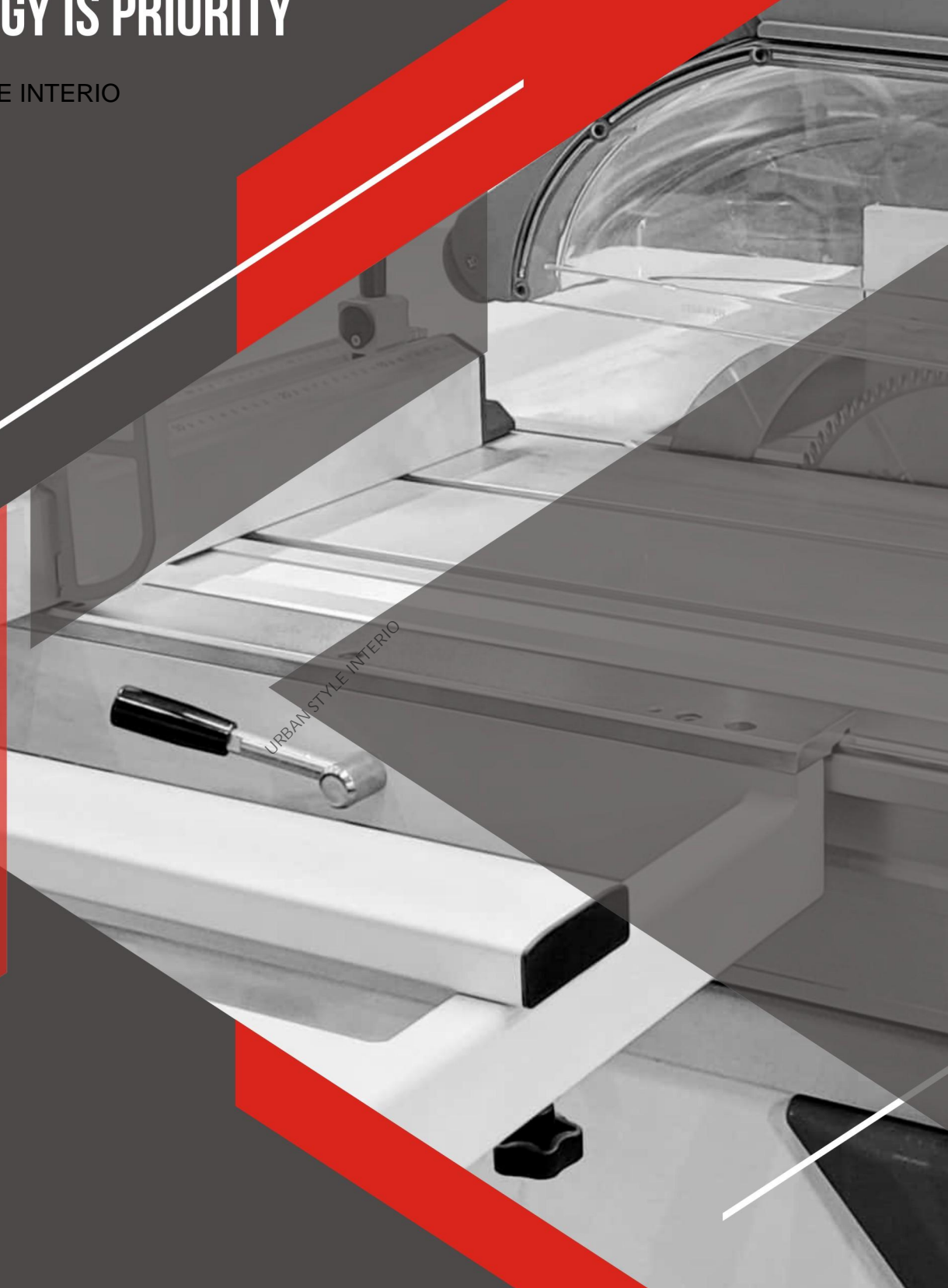


WHERE QUALITY & TECHNOLOGY IS PRIORITY

URBAN STYLE INTERIO



URBAN STYLE INTERIO



URBAN STYLE INTERIO

Innovative Solutions for **Woodworking Industry**

URBAN STYLE INTERIO

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Note : · Technical specifications may be
changed without any prior notice.
Product images are just for the reference.

WELCOME TO URBAN STYLE INTERIO

WE ARE THE INDIA'S LARGEST
IMPORTER & EXPORTER
IN MACHINERIES



TRADITION

Machine construction and metal processing have been tradition in the Umaboy family for generations. Our wood working machines are 100% developed and produced at the Umaboy Group factories. The areas of research and development, production techniques and assembly, marketing, advertising, sales and service, as well as apprentice training and schooling are traditionally the most important pillars of our international enterprise.



Transformation

With many patents, highly developed products and innovative detailed solutions, the Umaboy group is the leading provider world wide in the standard wood working machinery sector. We knows what you expect from woodworking machinery and are always ready for a further challenge to create new innovative product solutions.



TQM

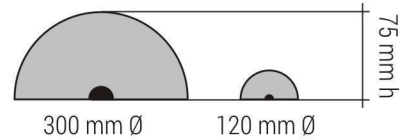
Products from Umaboy stand for first class quality and the best price performance ratio! Our precise prod-uction process, strict quality ensure that you as a customer and user can expect a woodworking machine with outstanding quality and many, many years of precision.

**Performance, Accuracy, Flexibility,
Optimal Accessibility and Processing,
best describe the performance that you can
expect from our woodworking machinery.**

Panel Saw

UPS 3200B / UPS 3200A

This machine is suitable to cut solid wood, plywood, MDF board, particle board & various kind of laminated board. Compact and rigid structure with high precision performance.



Salient Features

- Burr free cutting & right angle cutting.
- Smart and heavy duty structure.
- Can tilt 45° for degree cutting.
- Extra support for wood sheet and high accurate cutting.
- High precision and long life sliding table for work.

Technical Specifications

MODEL	UPS 3200A	UPS 3200B
Dimension of sliding table	3200 x 375 mm	3200 x 375 mm
Gross cut capacity	3200 mm	3200 mm
Width of cut between saw blade and rip fence	1220 mm	1220 mm
Saw blade diameter	300 mm (250-300)	300 mm (250-300)
Height of cut	75 mm	75 mm
Height of cut (in 45°)	55 mm	55 mm
Speed of main saw spindle	4000/6000 rpm	4000/6000 rpm
Spindle diameter	30 mm	30 mm
Tilting saw blade	0-45°	0-45°
Main motor	5.5kw	4kw
Scoring saw blade diameter	120 mm	120 mm
Speed of scoring saw blade	8000r/min	8000r/min
Scoring spindle diameter	20 mm	20 mm
Scoring motor	0.75kw	0.75kw
Overall dimensions	3250 x 3250 x 900 mm	3250 x 3250 x 900 mm
Rip fence movement	Manual	Manual
45° Tilt	Manual	Manual
Cross Cut Fence Read Out	-	-
PLC Touch Screen	-	-
Cutter Up Down Movement	Manual	Manual



Saw Unit



- High precision cutting.
- Main saw RPM 4000/6000
- Noise less standardized motor.
- Easy up-down of main saw and scoring saw.
- Left & right movement of scoring saw.

Scoring Unit



- With high RPM : 8000
- Scoring unit helps to cut a laminate or any type of wood beneath.
- Burr free cutting.
- The scoring saw blades rotate in the opposite direction to the main saw.

The Rip Fence



- For easy operation, smooth running with precise measurement cutting.
- In 3200A model rip fence operating with manually cutting capacity 1220mm.

Sliding Table



- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.

Angle Fence



- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
- Helping to cut any type of angle.

Cross Cut Fence



- Equipped with locking stopper for fixing measurement.
- 79° aluminium single stroke fence.
- Equipped with enhance glass for better visibility on measurement.

Pneumatic Clamp (optional)

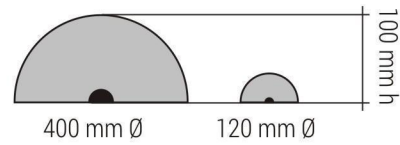


- The fence can be attached to the sliding table without the use of tools.
- The end stop provides you with the exact 90° position.
- The large crosscut fence stops are constructed in such a way that a small tongue on the stop fits perfectly into a groove on the fence.

Panel Saw

UPS 3200A HV

This machine is suitable to cut solid wood, plywood, MDF board, particle board & various kind of laminated board. Compact and rigid structure with high precision performance.



Salient Features

- Burr free cutting & right angle cutting.
- Smart and heavy duty structure.
- Can tilt 45° for degree cutting.
- Extra support for wood sheet and high accurate cutting.
- High precision and long life sliding table for work.
- Motorized system for Up and Down movement of saw unit.

Technical Specifications

MODEL	UPS 3200A.HV
Dimension of sliding table	3200 x 415 mm
Gross cut capacity	3200 mm
Width of cut between saw blade and rip fence	1220 mm
Saw blade diameter	400mm (250-400)
Height of cut	100 mm
Height of cut (in 45°)	50 mm
Speed of main saw spindle	4000/6000 rpm
Spindle diameter	30 mm
Tilting saw blade	0-45°
Main motor	5.5kw
Scoring saw blade diameter	120 mm
Speed of scoring saw blade	8000r/min
Scoring spindle diameter	20 mm
Scoring motor	0.75kw
Overall dimensions	3860 x 3400 x 1400 mm
Rip fence movement	Manual
45° Tilt	Manual
Cross Cut Fence Read Out	-
PLC Touch Screen	-
Main saw up and down	Auto
Scoring saw up and down	Auto



Saw Unit



- High precision cutting.
- Main saw RPM 4000/6000
- Noise less standardized motor.
- Motorized up-down of main saw and scoring saw.
- Left & right movement of scoring saw.

Scoring Unit



- With high RPM : 8000
- Scoring unit helps to cut a laminate or any type of wood beneath.
- Burr free cutting.
- The scoring saw blades rotate in the opposite direction to the main saw.

The Rip Fence



- For easy operation, smooth running with precise measurement cutting.
- In 3200A model rip fence operating with manually cutting capacity 1220mm.

Sliding Table



- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.

Angle Fence



- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
- Helping to cut any type of angle.

Cross Cut Fence



- Equipped with locking stopper for fixing measurement.
- 79° aluminium single stroke fence.
- Equipped with enhance glass for better visibility on measurement.

Pneumatic Clamp (optional)



- The fence can be attached to the sliding table without the use of tools.
- The end stop provides you with the exact 90° position.
- The large crosscut fence stops are constructed in such a way that a small tongue on the stop fits perfectly into a groove on the fence.

Cutter Up down Movement



- Motorized Up Down Movement for main saw cutter and scoring cutter.

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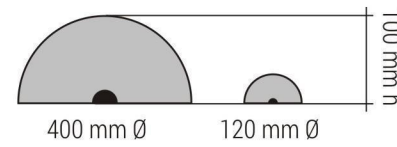
Panel Saw

UPS 3200A++

This machine is suitable to cut solid wood, plywood, MDF board, particle board & various kind of laminated board. Compact and rigid structure with high precision performance.

Salient Features

- Burr free cutting & right angle cutting.
- Smart and heavy duty structure.
- Can tilt 45° for degree cutting.
- Extra support for wood sheet and high accurate cutting.
- High precision and long life sliding table for work.
- RIP Fence is driven by Servo which helps to give the perfect measurement & controlled by PLC
- Motorized system for Up and Down 45° tilting movement of saw unit.



Technical Specifications

MODEL	UPS 3200A++
Dimension of sliding table	3200 x 415 mm
Gross cut capacity	3200 mm
Width of cut between saw blade and rip fence	1220 mm
Saw blade diameter	400 mm (250-400)
Height of cut	120 mm
Speed of main saw spindle	4000/6000 rpm
Spindle diameter	30 mm
Tilting saw blade	0-45°
Main motor	5.5kw
Scoring saw blade diameter	120 mm
Speed of scoring saw blade	8000r/min
Scoring spindle diameter	20 mm
Scoring motor	0.75kw
Overall dimensions	3860 x 3400 x 1400 mm
Rip fence movement	Auto
45° Tilt	Auto
Cross Cut Fence Read Out	Digital
PLC Touch Screen	Yes
Main saw up and down	Auto
Scoring saw up and down	Auto



• Easy accessible, user friendly Smart Touch PLC control panel. Eye-level operating panel for the ease of operation.



- Saw Unit**
- High precision cutting.
 - Main saw RPM 4000/6000
 - Noise less standardized motor.
 - Motorized up-down of main saw and scoring saw.
 - Left & right movement of scoring saw.



- Scoring Unit**
- With high RPM : 8000
 - Scoring unit helps to cut a laminate or any type of wood beneath.
 - Burr free cutting.
 - The scoring saw blades rotate in the opposite direction to the main saw.



- The Rip Fence**
- For easy operation, smooth running with precise measurement cutting.
 - In 3200A model rip fence operating with manually cutting capacity 1220mm.



- Sliding Table**
- Extremely smooth running and multi chamber system with linear steel bar bearing for high life.



- Angle Fence**
- Accurate angle adjustments, efficient operation and calibration are all made possible by the precise angle meter.
 - Helping to cut any type of angle.



- Cross Cut Fence**
- Equipped with locking stopper for fixing measurement.
 - 79° aluminium single stroke fence.
 - Equipped with enhance glass for better visibility on measurement.



- Pneumatic Clamp (optional)**
- The fence can be attached to the sliding table without the use of tools.
 - The end stop provides you with the exact 90° position.
 - The large crosscut fence stops are constructed in such a way that a small tongue on the stop fits perfectly into a groove on the fence.



- Cutter Up down Movement**
- Motorized Up Down Movement for main saw cutter and scoring cutter.

Auto Beam Saw

UBS 3200 / 2800

Maximum production output with excellent cutting of multiple panels



Technical Specifications

MODEL	UBS3200	UBS2800
Saw cutting length	3280mm	2800mm
Saw cutting thickness	90mm	90mm
Diameter of main saw blade	Ø 400mm	Ø 400mm
Diameter of main saw blade shaft	Ø 60mm	Ø 60mm
Revolving speed of main saw blade	3930 r/min	3930 r/min
Diameter of scoring saw blade	Ø 180mm	Ø 180mm
Diameter of scoring saw blade shaft	Ø 30 mm	Ø 30 mm
Revolving speed of scoring saw blade	6500r/min	6500r/min
Advance speed of saw base (stepless)	9-50 m/min	9-50 m/min
Back speed of saw base	100 m/min	100 m/min
Drive motor of saw base	1 kw	1 kw
Drive motor of main saw blade	15 kw	15 kw
Automatic feeding motor	1.5 kw	1.5 kw
Automatic feeding speed	50m/min	50m/min
Operating pressure	5~8 kg/cm	5~8 kg/cm
External dimensions (LxWxH)	5830 X 6630 X 1810 mm	5830 X 6630 X 1810 mm

Salient Features

- Servo driver in feeding, and set the position with high precision immediately and with high speed feeding.
- The height of main saw blade can be adjusted automatically, according the thickness of work piece.
- You can adjust the sub-saw blade in touch screen, without any tools by hand
- This machine can reduce the cutting time, according the work piece's width. For example, If the work piece's width is 1000mm, then the saw only travel 1000mm.
- There is a rectify a deviation device. It can push the work piece to the fence backer automatically. So that it can cut with a high precision in right angle. The correcting rollers adopt double-roller, it can choose the right hand of workpiece automatically to correct the cutting position. And the robot hand, it can protect the surface of board by the adjustable holding power. It also can work grouped. (For example, the workpiece's width is 1000mm, then the robot hand will work only, which is in the range of workpiece's width. Not all the robot hand.)
- Servo motor, guide line and rack can supply the high speed moving for saw unit. It can set accurate cutting time by servo driver. Also can detect cutting length automatically.

Body Frame



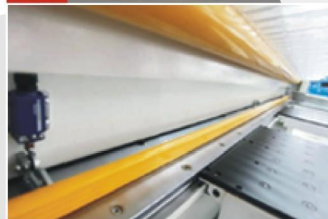
The steel frame welded with heavy steel plates is made by tip-top metal processing center. After heat treated and constructed, the steel frame is solid and stable that permits high capacity cutting.

Air Flotation Table



Floating feed table with steel balls prevents any scratches on panel surface and ensures panel transmitted smoothly.

Pressure Beam



When performing cross cut, put same pressure on the whole panel surface. Piano type dust cover provides a completely enclosed blade guard and prevents flying dust and chips.

Grippers



Pneumatic clamping for best feeding performance. The grippers are driven by servo motor through rack and pinion. Pinion and rack in both sides for balance of guiding.

Machine Control



User-friendly HMI coordinated with USB interface, network card, mouse and keyboard for easy operation. Controlled by IPC, Windows operating system and professional computer saw cutting software. Optimization software ensures high utilization of panels, reduces the unnecessary costs of production so as to increase the income. The cutting pattern can be generated automatically.

Side Alignment



Used to compress panel tightly while cutting, coordinate well with grippers for high cutting accuracy. Transmitted by chain, and contact roller cover by rubber prevents panel from moving.

Saw Carriage



- Standard assembly for high precision and the height of main saw is automatic adjusted by the sensor according to the thickness of panels.
- Guided with round guide rail on top and bottom, 22mm thickness thick solid plate bearing type unilateral suspension structure designed for stable movement of saw carriage.
- Driven by servo motor through rack and pinion to ensure the cutting precision. Power 1.5kw.

Feeding Precision



- High precision servo driven system.
- Magnetic railing ruler measuring system possesses high precision, no contact, no abrasion with no need to adjust, no influence of dust.
- High precision servo driven rack and pinion mechanism.

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Saw Carriages

- The saw carriage hold 400mm dia meter main blade and standard 180mm dia meter scoring blades with independent motor.
- Protected by special dust scrapers.
- Pneumatic clamping for ensuring both ends clamping.

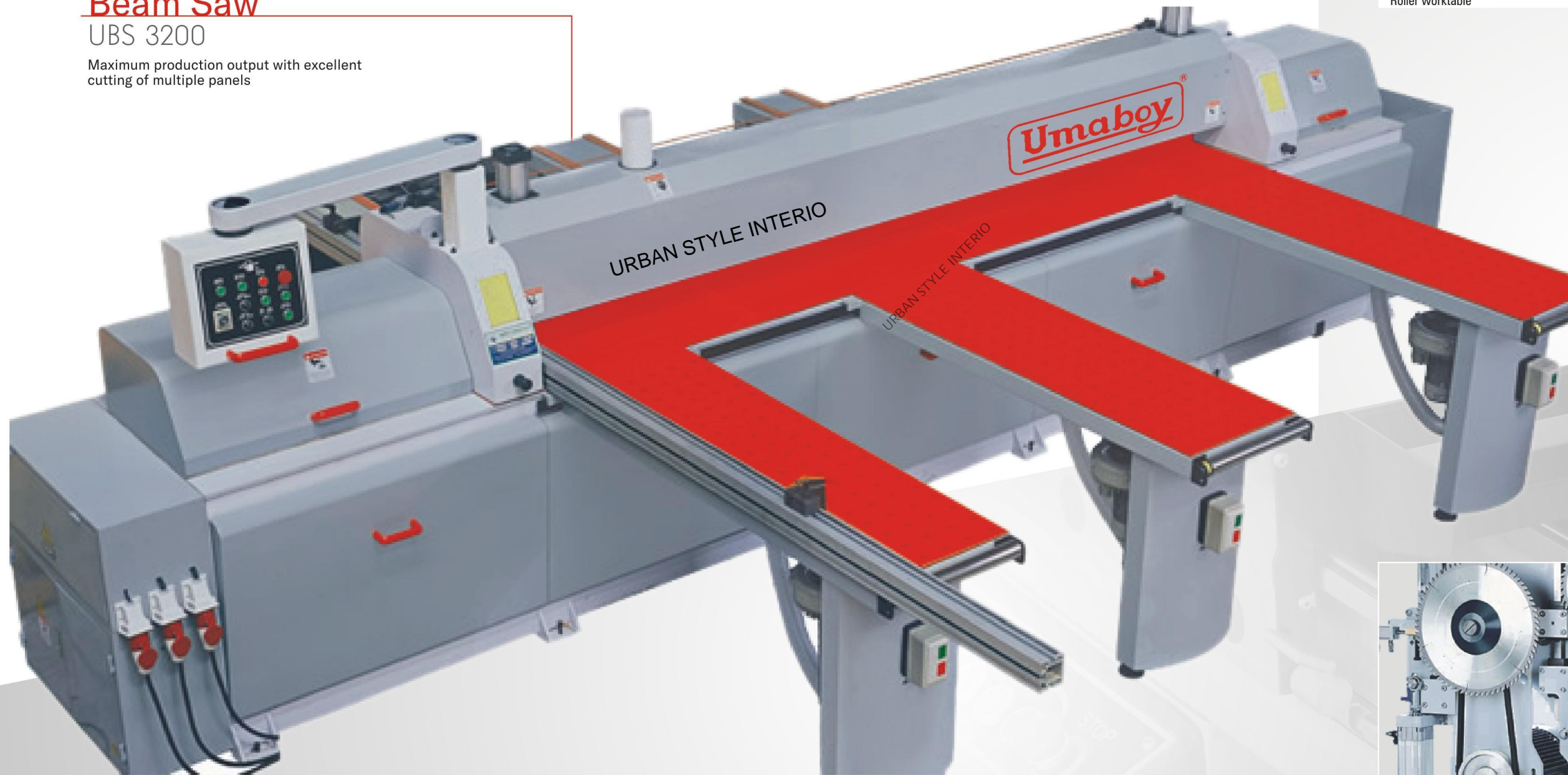
Salient Features

- After automatically testing sheet material and calling off the length of needed sheet is will rapidly return to await orders.
- The saw is firm and high quality guide track & saw blade ensure the stable mechanical performance.
- Can saw many layers of boards to improve efficiency.
- Advanced dust precipitating system can reduce environmental pollution.

Beam Saw

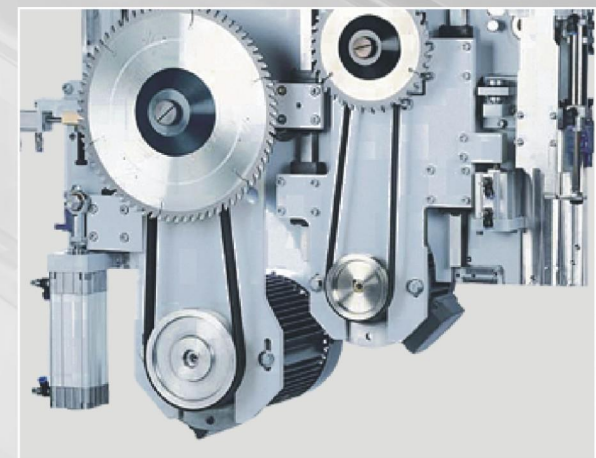
UBS 3200

Maximum production output with excellent cutting of multiple panels



Reciprocating Beam Saw Machine

MODEL	UPS 3200
Max panel length	3200mm
Max panel thickness	75mm
Cutting speed	16/20/24m/min
Main saw speed	4500 rpm
Scoring saw speed	6050 rpm
Main saw blade diameter	Ø350xØ30mm
Scoring saw blade diameter	Ø160xØ24.5mm
Saw motor power	11kw
Driver motor power	1.5kw
Fan motor	0.75kwx3pcs/1.5kwx1pc
Machine size	6630x4110x1620mm
Net weight	3200kg
Touch screen	No
Air floating worktable	Optional
Roller worktable	Yes



UEB 2.7

UEB 2.7 is a entry level Auto Edge Bander. This machine is suitable for flat cutting operation. UEB 2.7 Edge banding machine has ergonomic structure and the fastest, shortest and easy to be used. The smart element of the machine is its compact design.

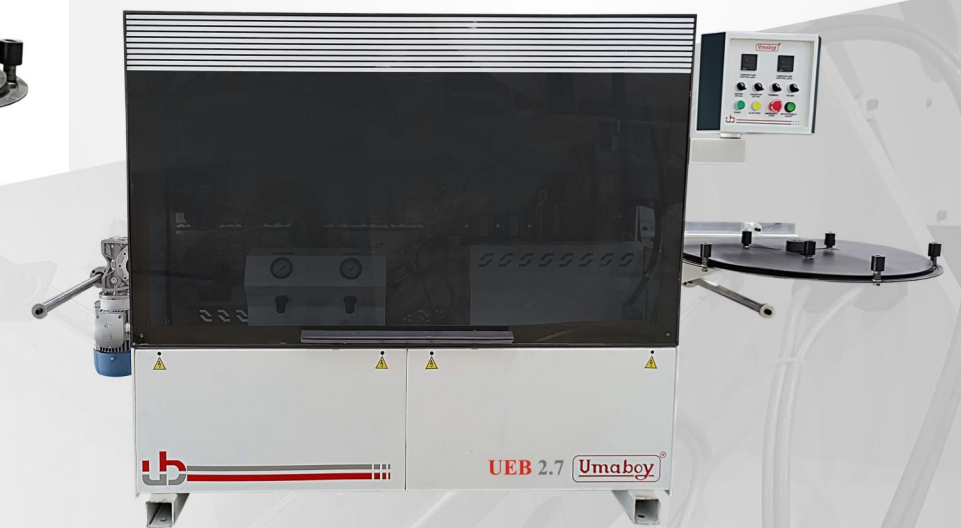
FLAT CUTTING OPERATION



Technical Specifications

MODEL	UEB 2.7
Electric level	415-220/50 hz
Nominal current	18 A
Edge material thickness	0.4-2mm
Edgeband Width	10-50mm
Speed	12 m/min.
Total electrical power	6.25kw
Total air pressure	6 Bar
Buffing motor	2x0.18kw/1310rpm
Glue boiler engine	0.18kwx900rpm
Trimming	2x0.75kw/1800rpm
Pallet Motors	1.1kw/900rpm
Machine length	2700mm
Machine width	800mm
Machine height	1500mm

END CUTTING UNIT WITH HIGH FREQUENCY MOTOR TO EXCESS THE EDGE



Glue Unit



Scissors Unit



Pressure Group



End Cutting Process



Top Trimming



Bottom Trimming



Buffing



Single Conveyor

UEB 3.1

UEB 3.1 Edge Banding Machine stands for Minimum Investment to get Maximum Output. The UEB 3.1 series is your guarantee for absolute quality, flexibility and productivity. The smart element of the machine is exclusive price with attractive result. UEB 3.1 Edge banding machine has ergonomic structure and the fastest, shortest and easy to be used system and designed for PVC, Foil, Lining Melamine and ABS applications thickness of which is from 0.4 mm up to 3mm for workshops, factories and out sources with its highest quality.



WITH CORNER ROUNDING

URBAN STYLE INTERIO



UEB 3.1

Technical Specifications

MODEL	UEB 3.1
Electric level	415-220/50 hz
Nominal current	18 A
Edge material thickness	0.4-2mm
Edgeband Width	10-50mm
Speed	12 m/min.
Total electrical power	7kw
Total air pressure	6 Bar
Buffing motor	2x0.18kw/1310rpm
Glue boiler engine	0.18kwx900rpm
Trimming	2x0.75kw/1800rpm
Pallet Motors	1.1kw/900rpm
Machine length	3100mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

MINIMUM INVESTMENT TO GET MAXIMUM OUTPUT



UEB 3.8

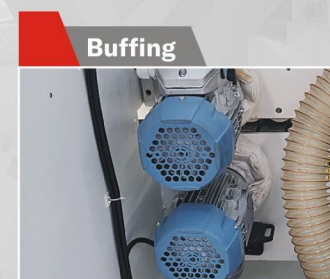
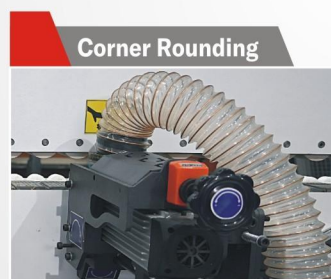
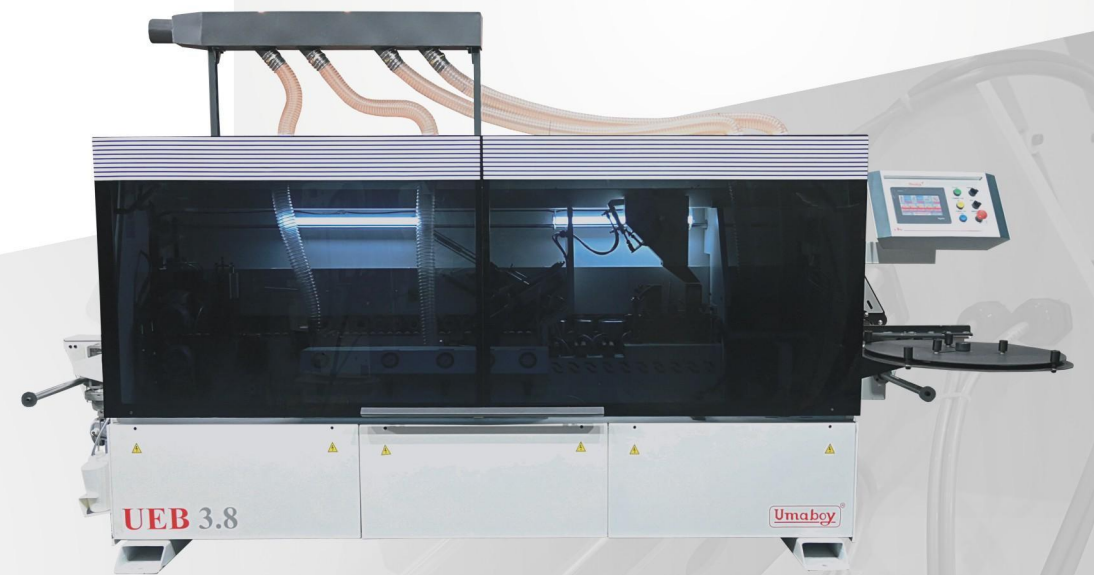
UEB 3.8 is new and modified model in automatic edge banding. UEB 3.8 is a range of edge benders featuring high resourcefulness in a large ground of applications.

WITH CORNER ROUNDING AND PRE MILLING



Technical Specifications	
MODEL	UEB 3.8
Electric level	415-220/50 hz
Edge material thickness	0, 4-3mm
Edgeband Width	10-50mm
Speed	12 m/Min.
Total electrical power	9kw
Total air pressure	6 Bar
Front milling	1x1.5kw/12000rpm 1x1.5kw/12000rpm
Trimming	2x0.75kw/18000rpm
Buffing motor	2x0.18kw/1310rpm
Glue boiler engine	0.18kw/850rpm
PVC step engine	0.4kw
Double pallet system	2x0.75kw/1404rpm
Machine length	3800mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

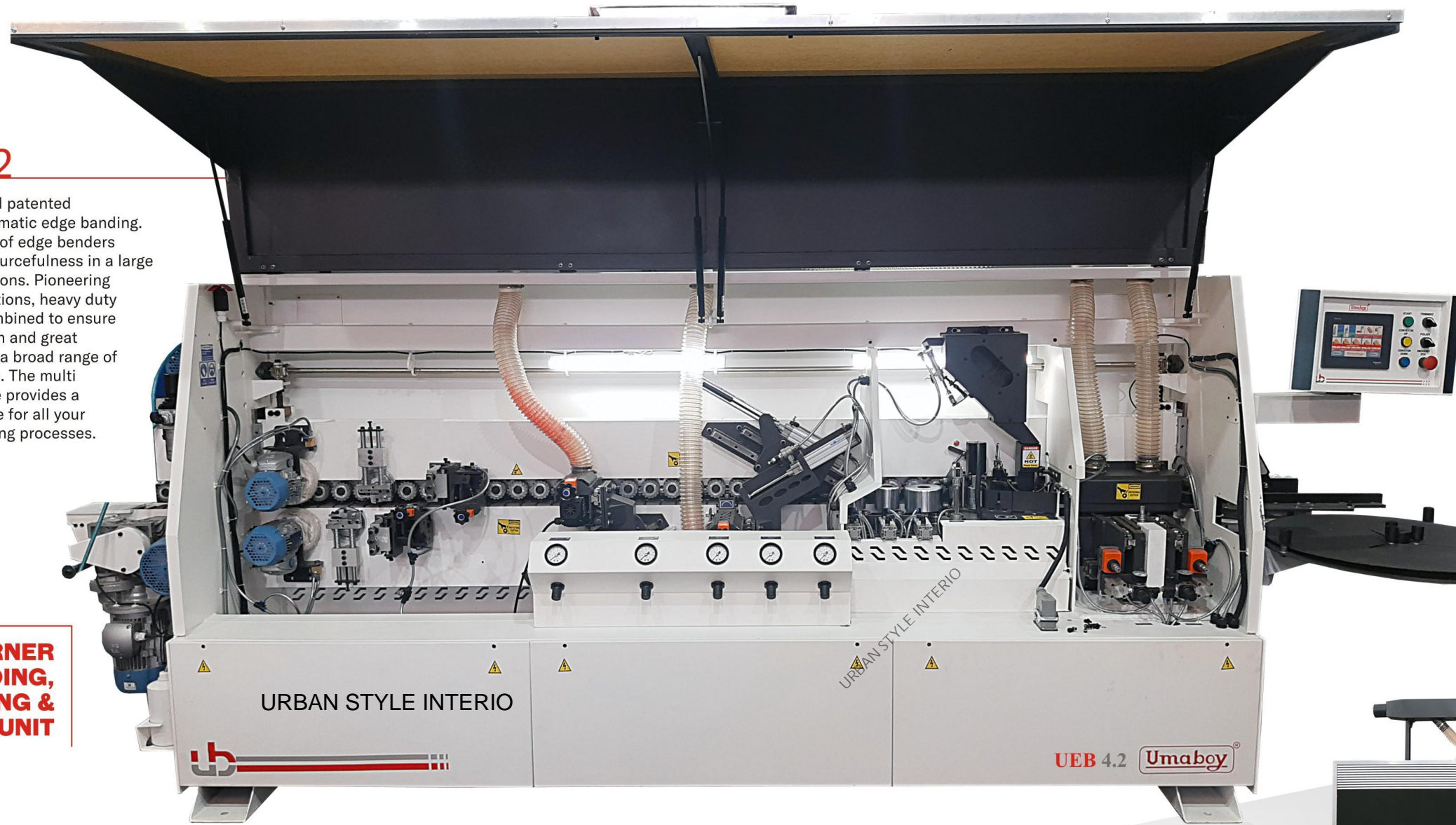
HIGH RESOURCEFULNESS IN A LARGE GROUND OF APPLICATIONS



UEB 4.2

UEB 4.2 is new and patented technology in automatic edge banding. UEB 4.2 is a range of edge benders featuring high resourcefulness in a large ground of applications. Pioneering technological solutions, heavy duty production are combined to ensure a high quality finish and great consistency under a broad range of working conditions. The multi functional package provides a perfect appearance for all your normal edge banding processes.

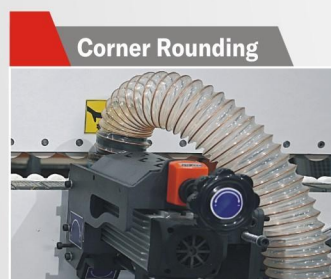
WITH CORNER ROUNDING, PRE MILLING & GROOVING UNIT



Technical Specifications

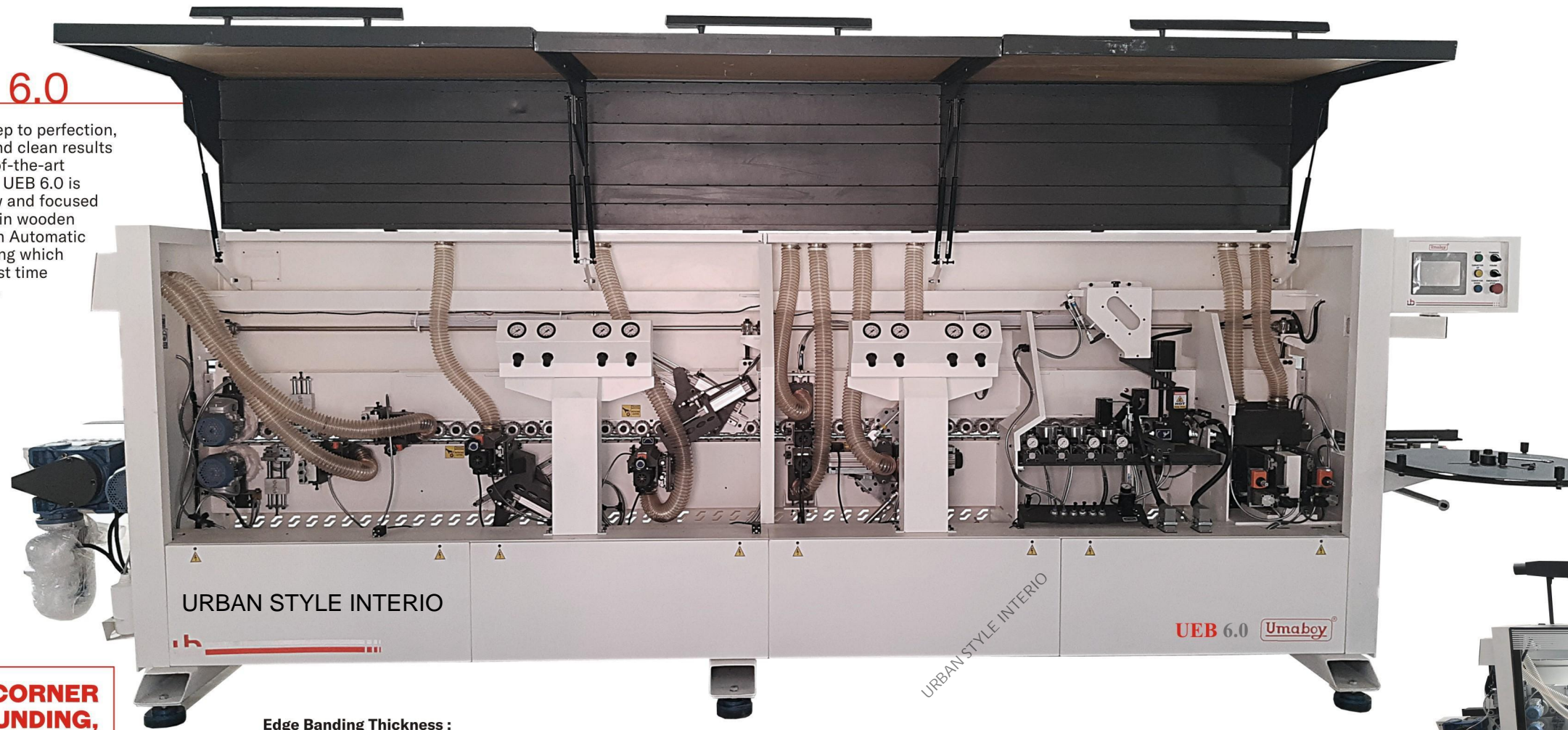
MODEL	UEB 4.2
Electric level	415-220/50 hz
Edge material thickness	0, 4-3mm
Edgeband Width	10-50mm
Speed	15 m/Min.
Total electrical power	11kw
Total air pressure	6 Bar
Front milling	1x1.5kw/12000rpm
Trimming	1x1.5kw/12000rpm
Buffing motor	2x0.75kw/18000rpm
Glue boiler engine	0.18kw/850rpm
PVC step engine	0.4kw
Double pallet system	2x0.75kw/1404rpm
Machine length	4200mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

DESIGNED FOR HIGHEST REQUIREMENTS IN TERMS OF QUALITY AND STANDS FOR COMPLETE PROCESSING OF MODERN EDGE BANDING SOLUTIONS.



UEB 6.0

The next step to perfection, precision and clean results with state-of-the-art technology. UEB 6.0 is entirely new and focused technology in wooden striping with Automatic Edge Banding which invented first time in the India.



Technical Specifications

MODEL	UEB 4.2
Electric level	415-220/50 hz
Edge material thickness	0.4-10mm
Edgeband Width	10-50mm
Speed	15 m/Min.
Total electrical power	15kw
Total air pressure	6 Bar
Front milling	1x1.5kw/12000rpm
	1x1.5kw/12000rpm
Cutting	2x0.75kw
Trimming	4x0.75kw/1800rpm
Buffing motor	2x0.18kw/1310rpm
Glue boiler engine	0.18kw/850rpm
PVC step engine	0.4kw
Double pallet system	2x0.75kw/1404rpm
Machine length	6000mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

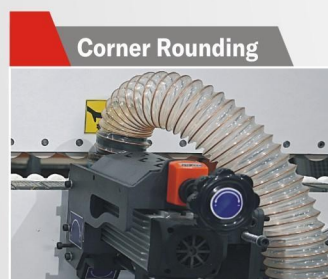
EXCELLENT SOLUTIONS FOR PASTING WOODEN STRIPS APPLICATIONS



WITH CORNER ROUNDING, PRE MILLING, GROOVING & WOODEN STRIPING

Edge Banding Thickness :

- 0.4 mm to 10 mm
- UEB 6.0 is used for door industries as well as modular furniture industries.
- Due to its combined design for wooden strips and PVC.
- Also available with PUR technology.
- The multi-functional package provides a perfect solutions for all your edge banding process.

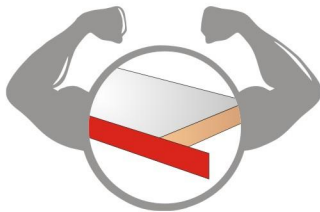


PUR GLUEJET SYSTEM

Pur Stands for Productivity & Precision

PUR GLUE TANK

**RESULT OF
35 YEARS
OF TECHNOLOGICAL
LEADERSHIP IN
WOODWORKING
MACHINERY**



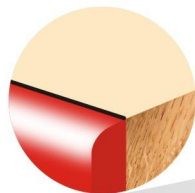
With PUR Glue Jet System One Can Achieve Solid PVC Tape Joint

Most Economic System Compared to other Machines in India

Patented Technology



PUR GLUE



STANDARD EVA

Invisible Joint with PUR Glue Jet

Highest Number of Successfully Running Machines with PUR GLUEJET IN INDIA

- Precision at the highest level.
- Top quality, highly flexible, time and energy saving.
- High strength joint for extremely long service life.
- Easy cleaning of gluepot after using PUR glue.
- Extremely short heat up time.
- Available in colours.
- Perfect bonding.
- Anything to anything glue.
- Resistant to heat and water, providing quality advantages in all areas of cabinetmaking.



WATER RESISTANT

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RAPID HOT AIR TECHNOLOGY

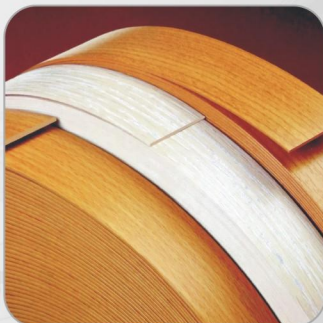
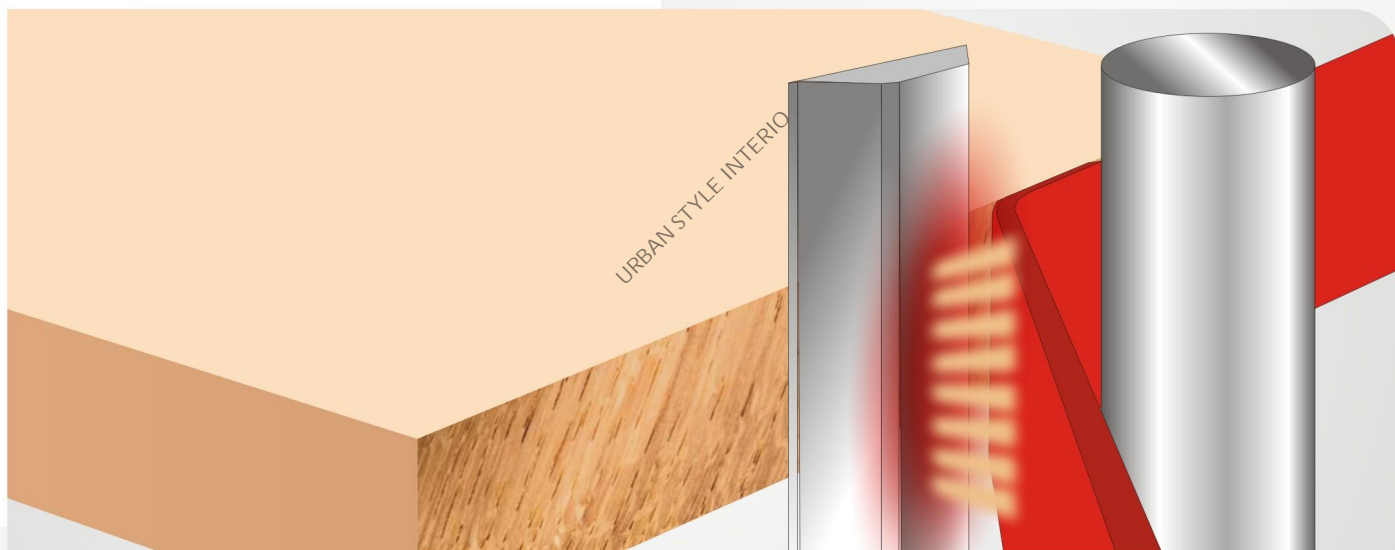
Now time to leave conventional bonding method,
Go for the rapid hot air technology !!

Comparison	Rapid Hot Air Technology	Diod Laser
Power used	Equal	Equal
Maintainance costs & complexity	Very Low	High
Device Cost	Low	High
Compatibilty with EVA-PUR	👍	-
Quality (Look, water & steam resistance)	Equal	Equal
Easy-to-Use (Not influenced by edge colour)	👍	👎
Feed speed over 30 mt./min.	👎	👍

Technical Specifications

Feed Rate	20 m/mh (1)*- 25 m/mh (2)*
Workpiace Thickness	8 - 25 mm
Operating Pressure	2 - 4 bar
Connected Pressure	6 bar
Air Consumption	650 NI/mh. (1)* - 910 NI/mh. (2)*
Min. Workpiece Gap	600 mm

*Workpiece thickness 19 mm, workpiece length 1,000 mm, operating pressure 2 bar (1) and 3 bar (2)

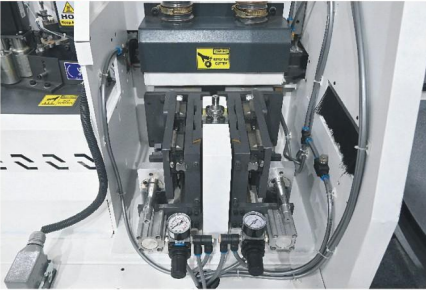


Innovation For Invisible Joints

- With the Rapid Hot Air Technology Umaboy developed the perfect solution for invisible joint technique for woodworking industries.
- Rapid hot air technology makes edge banding easier.
- Rapid hot air technology is a very hopeful and will allow any manufacturer to supply top quality furniture to their customers.
- Most Economic technology in comparison of other wood working machines in India.
- Easy to maintain and reliable.

STANDARD EQUIPMENTS

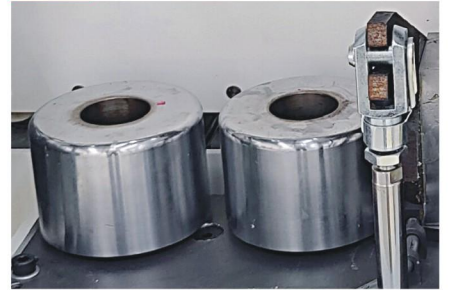
Pre Milling Unit



Glue Unit



Pressure Group



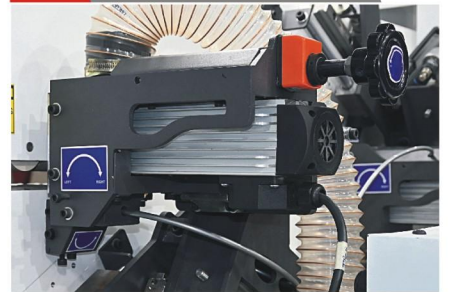
Scissors Unit



Top Trimming



Bottom Trimming



Buffing



Grooving with Angled Jumping



Single Conveyor



URBAN STYLE INTERIO

High Speed Feeder

UF004



Salient Features

- 1 HP (0.75Kw) 3 phase only
- Variable speed - (50Hz) 2-17 M/min
- Used on : Spindle Moulder, Edge Bander for smooth working, safety of worker & job perfection.



Hinge Boring

Technical Specifications

MODEL	Parameter
Max. Working Thickness	70
No. of Spindle Head	One
No. of Spindles per head	3
Shank Diameter of Drill	10
Drilling Depth	0-50 mm
Drill length	70 mm
Elect. Motor/ Total Power	1/1.5 hp

Dust Collector

UD001/002/003



Technical Specifications

MODEL		UD001	UD002	UD003
Air suction capacity	m ³ /min	30	50	60
Static pressure	Inch.H2O	13	13	13
Inlet pipe diameter	Inch	4"	4"	4"
Bag diameter	Inch	19-5/8"	19-5/8"	19-5/8"
Bag capacity	Liters	180	360	360
Power req.Hp/rpm (3 phase)		3/2800	3/2800	5/2800

High Speed Router

UR1008

Technical Specifications

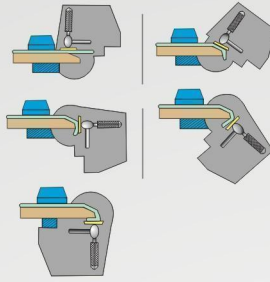
MODEL	UD1008
Max cutting thickness	60mm
Working table size	800mm x 600mm
Cutter spindle diameter	6.35/12.7mm
Spindle rotating speed	9000/16000 r/min
Installed power	2.4/3Kw
Overall size	1420 x 820 x 1700mm
Net weight	560kg



Post Forming

UPF 1000

Widely use for making post form office furniture & curvature edge laminate pressing. Kitchen tops, desk tops, table tops, shutters cabinets, shelves cupboards, office furniture etc.



Technical Specifications

MODEL	U1006
Maximum length of job	2440mm
Minimum length of job	300mm
Job thickness range	16mm to 125mm
Minimum job width	150mm
Maximum heating temp.	200°C
Air pressure	7kg/cm ²
Heating element	1.5kw
Electric motor-3phase	0.5hp
Control type	PLC fully automatic



Salient Features

- PLC control panel which has a capacity of 15 job programs.
- Special pneumatic gauge is operated by 2 pneumatic cylinders for repetitive jobs settings.
- 8 pneumatic cylinders to apply uniform pressure on job through forming heater bar assy. for effective bonding of laminate.
- Long life heater bar ground and hardened.
- Back stops facility.
- Possibility to laminate more than one small board.
- Automatic post forming cycle with variable heating time, stop and go time and holding time can be adjusted to profile.
- Drive motor with brake is provided to avoid slippage of rotary part.
- Motion of the heater bar.
- Mechanical drive control by limit switch.

- UPF 1000 Post forming Machine is a functional, and productive machine and equipped with 180° movable and mechanical arm to give shape laminate in any shape on board.
- UPF 1000 post forming machine guarantees precise, efficient and productive operation.

PLC Controller



- Easy to operate
- 15 job programs
- Manual & Auto control

Gauge Stopper



- Special pneumatic gauge stopper with 2 cylinder for repetitive job's setting
- Gauge stopper with sensor for auto job profile

Pressure Clamp



- Pressure clamp with 3 pneumatic cylinder for proper job grip.
- Soft cotton on pressure clamp for better grip & to avoid job damage.

Spindle Moulder

U1004

Feeder can be fitted on spindle moulder for auto feed of work piece



Technical Specifications

MODEL	1004	1004A
Fix table size	1050 x 795mm	1050 x 795mm
Sliding table size	1300 x 305 mm	-
Degree	45°	45°
Up and down movement of spindle	75mm	75mm
Maximum moulding block width	100mm	100mm
Electric Motor	5 HP/2800rpm	5 HP/2800rpm

Salient Features

- M.S. sliding table mounted on special bearings.
- Ground & electronically balanced spindle for vibration free operation.
- Easy & convenient locking system of spindle shaft.
- Clamping for tenoning work.



Moulding



Grooving



Arch Moulding



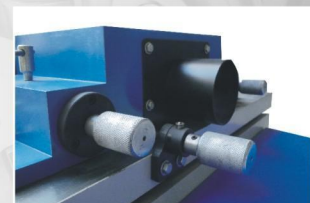
45° TILT



Full Round



Half Round



URBAN STYLE INTERIO

Manual Edge Bander

U1006

Nowhere else can you find such a great range of different applications and requirements as with edge banding. Umaboy offers a wide selection of different construction and performance machine models.



Technical Specifications

MODEL	U1006
Maximum thickness of work piece	10 to 50 mm
Tape thickness	0.4 to 2 mm
Glue pot capacity	2 kgs. approx
Heating element	3 kw
Tape cutting mechanism	Pneumatic
Control of tape cutting	Micro/Foot Switch
Working speed per minute	0 to 10 mts (Variable)
Motor	1 HP
Air pressure	5 to 7 kg/cm ²
Tape coil dia	525 mm

Salient Features

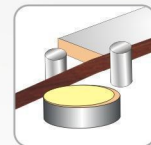
- Variable feed speed of edge banding.
- Swivel bar roller support for big width work piece.
- Aluminum glue pot with covering heat insulation material.
- Foot and micro cutting system for edge cutting.



Coil Holding Capacity



Pneumatic Cutter



Gluing



Wooden Strip

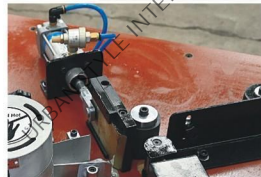
Panel with LCD Display and Keypad



Glue Roller & Glue Pot



Scissor Unit



Swivel Bar



45° Tilting Table



Roller Press

URP01/URP02

Single/Double Process Roller Press

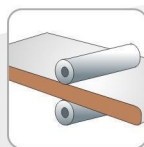


Technical Specifications

MODEL	URP01	URP02
Max. working thickness sheet	90mm	90mm
Max. working width sheet	1300mm	1300mm
Total roller	2 Nos	4 Nos
Speed	2-6.5 m/min	2-6.5 m/min
Total electrical power	2.37 kw	4 kw
Air pressure	6 bar	6 bar
Motor power	1 HP	1 HP

Salient Features

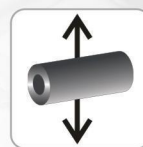
- It is used to cover laminates/papers/acrylics/veneers/ PVC foil on the materials such as MDF, particle board/plywood.
- It is appropriate for mass production as it is a continuous system.
- Hard rubber rollers and four heater elements, that ensures perfect fix of laminates on board.
- Motorized up/down movement for thickness adjustment.
- No waiting period like other press, no limit to the workpiece length, easy to use.
- Consumes less energy as compare to other press.
- Adjusting roller speed and temperature gives the best results.



Single Roller Pressing Unit



Heating Unit



Pneumatic



Controlling system for easy work



Rolling support for work pieces





Hydraulic Cold Press

UCP 1001-2 CYLINDER

Technical Specifications

MODEL	UCP1001A
Pressure board dimensions	2500x1300mm
Max. pressure	50 tons
Max. opening	1000mm
Power req.	5 HP
Overall dimensions (LxWxH)	3000 x 1300 x 3050mm
Cylinder stroke	1000mm
Weight	2500 kg approx

Salient Features

- PLC controller for simultaneous and continuous pressure on work piece.
- Standard accessory for no maintenance like dowty pump crompton & greaves motor etc.
- I-Beam welded structure for long life.
- Hydraulic cylinder with imported seals.



Hydraulic Cold Press

UCP 1004-4 CYLINDER

Applications

- Machine suitable for pressing various types of laminations on composite wood, cork board, fibre board, honeycomb board.
- Having various applications for furniture and board lamination industry.

Technical Specifications

MODEL	UCP 1004A
Pressure board dimensions	2500x1300mm
Max. pressure	100 tons
Max. opening	1000mm
Power req.	5 HP
Overall dimensions (LxWxH)	3000 x 1450 x 3000mm
Cylinder stroke	1000mm
Weight	3500 kg approx



Hydraulic Cold Press

UCP 1005-6 CYLINDER SINGLE PLATEN

Applications

- Machine suitable for pressing various types of laminations on composite wood, cork board, fibre board, honeycomb board.
- Having various applications for furniture and board lamination industry.

Technical Specifications

MODEL	UCP 1005A
Pressure board dimensions	2500x1300mm
Max. pressure	150 tons
Max. opening	1000mm
Power req.	5 HP
Overall dimensions (LxWxH)	3000 x 1450 x 3000mm
Cylinder stroke	1000mm
Weight	3800 kg approx

Salient Features

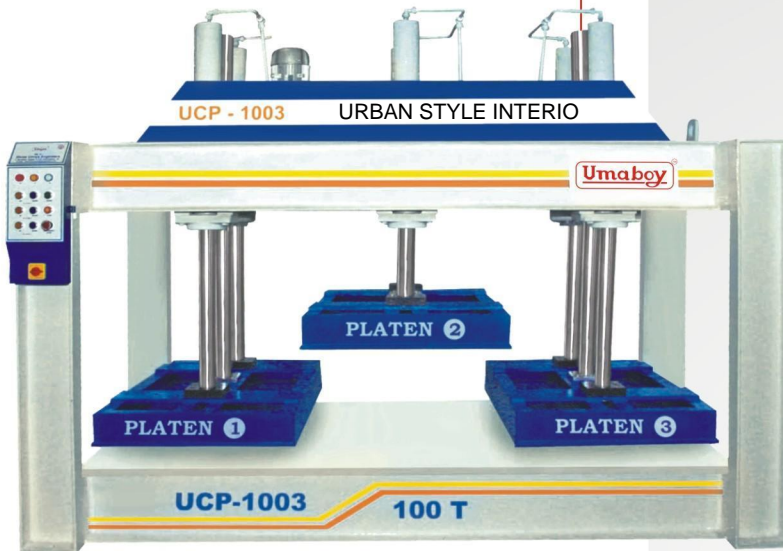
- High pressure and well structure for making doors.
- Single platen.

URBAN STYLE INTERIO

Hydraulic Cold Press

UCP 1003

6 Cylinder Three Platen Cold Press



Salient Features

- 3 Platen for small job, it can operate separately and on same time.
- Rigid constriction to take care of thermal distortion.
- Parallel and smooth operation of platens.

Technical Specifications

MODEL	UCP 1003A
Pressure board dimensions	2500x1300mm
Max. pressure	100 tons
Max. opening	1000mm
Power req.	5 HP
Overall dimensions (LxWxH)	3000 x 1450 x 3000mm
Cylinder stroke	1000mm
Weight	3800 kg approx

Hydraulic Hot-Cold Press

UHP 1002-HOT PRESS

- Suitable for pressing and laminating on fibre boards, decorative papers, plywood and other lamination sheets.
- Can be used for particle/MDF/HDF board.



Salient Features

- Uniform temperature through out platen.
- Temperature controller with PLC.
- 6 Hydraulic cylinder.
- Zero maintenance.

Technical Specifications

MODEL	UHP 1002
Size of hot plate	2500 x 1300mm
Total thrust	100 tons
Cylinders	6 Nos
Piston dia	100mm
Stroke	300/450mm
Motor / RPM	3 HP/1440
Electric elements	18kw
Heating of machine	Aluminum
Height of machine	1900mm
Movement	Hydraulic
Mode of heating	Electric/Oil
Heating temp	150°C
Maximum pressure	100kg/cm ²
Job completion time	5 minutes
Day light	350mm
Press size	3600x1550x1900mm

Multi Boring

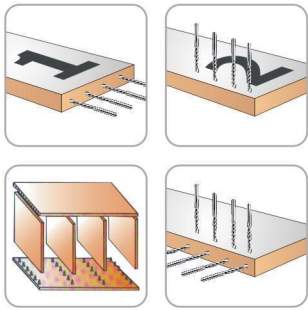
UMB 42

Two row multi boring machine.

The multi boring machine for accurate and precise operation! Maximum precision when dowel boring with the Umaboy high quality drilling spindels positioned at 32 mm intervals, drills with a maximum diameter of 35 mm can be used, exact rows of holes and dowel bores are guaranteed. The solid steel table, stable fences, pneumatic workpiece clamps and ergonomical operating elements ensure quality machines.

Technical Specifications

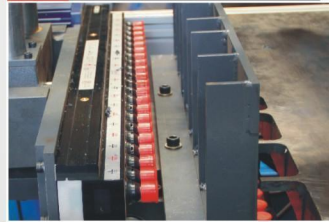
MODEL	UMB 21	UMB 42
Distance between the bit	32mm	32mm
Horizontal head	1	1
Vertical head	-	1
Tilting Head	1	1
The quantity of spindle	21	42
Maximum boring diameter	35mm	35mm
Maximum panel thickness	60mm	60mm
Maximum panel width	2400mm	2400mm
Minimum panel width	200mm	200mm
Total power	1.5kw	3kw



Salient Features

- The imported original drill row, famous & superior original electric appliance.
- The machine tool elements choose the surprise steel materials. They have been heal-treater with high intensity.
- Prompt accurate and convenient operation.

Tilting Drilling Head



- Can do accurate hole on surface as well as on edge of board.
- Tilting drilling head can move on 90°

Vertical Boring Head



- 21 drilling bits at 32mm distance.

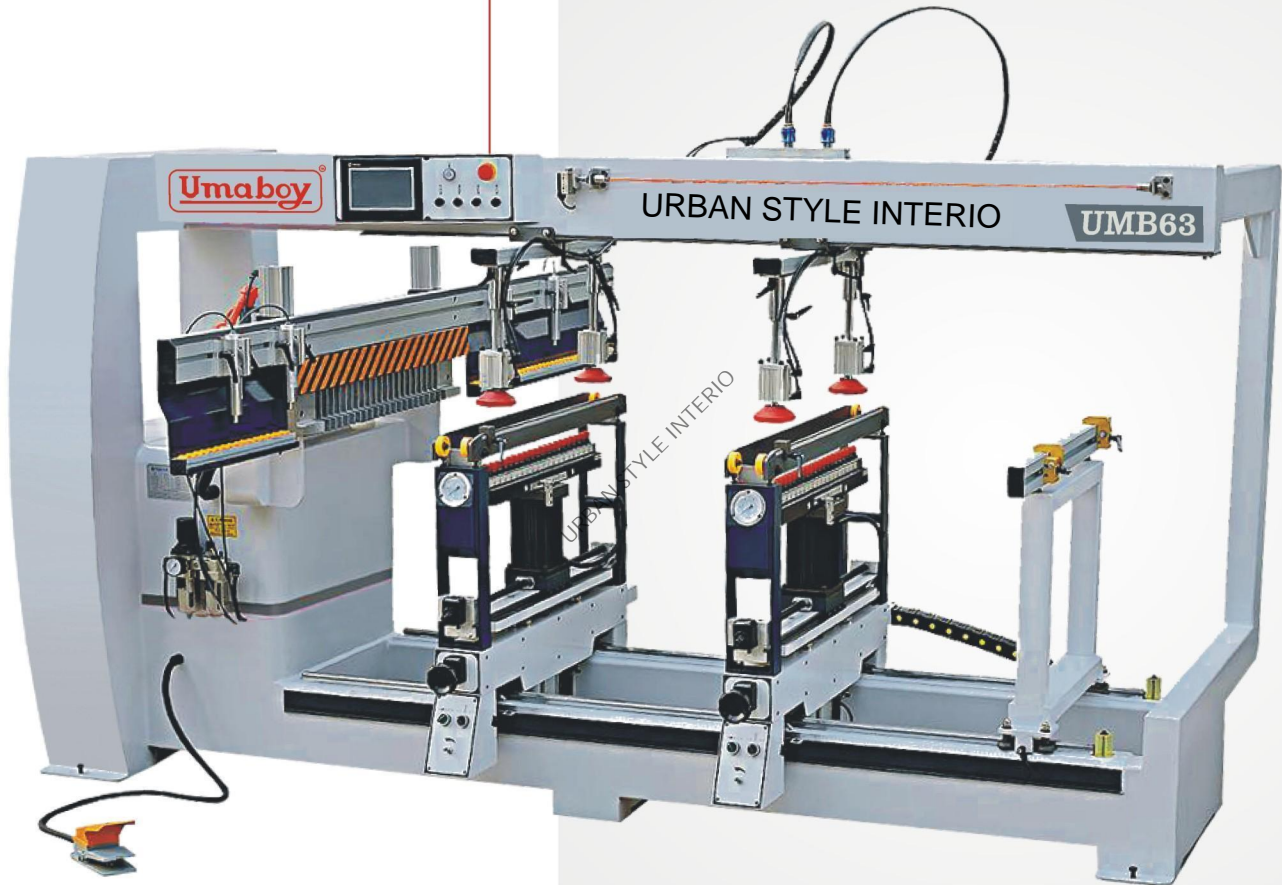
Multi Boring

UMB 63

Three lines Multi-boring Machine

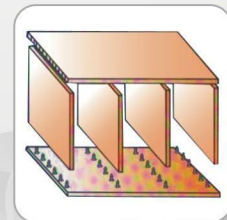
Technical Specifications

MODEL	UMB 63A	UMB 63B
Max. Drilling Diameter	Max. =35mm D=13mm	Max. =35mm D=13mm
Max. Drilling Depth	Max. =60mm	Max. =60mm
Total Number of Spindles	21*3=63	21*3=63
Installation Diameter of Drill Bit Shaft	10mm	10mm
Max. Center Distance Between Holes	L Max. *B Max. =1600*640mm	L Max. *B Max. =2400*640mm
Min Center Distance Between Holes	L Min. *B Min. =130*32 mm	L Min. *B Min. =130*32 mm
Spindle Speed	2840 rpm	2840 rpm
Total Power	4.5kw	4.5kw
Overall Dimension	3000*2500*1620mm	3000*2500*2400mm
Weight Air Pressure	0.5-0.6mpa	0.5-0.6mpa



Salient Features

- The machine tool components choose the superior steel materials, they go through the highly and strong heat treatment.
- The moving parts choose the high Grade anti-wear materials.
- They are firm and durable.
- Multi-drill has been elaborately made. It has multiple purposes with high speed and fine accuracy.
- 3 head multi boring machine equipped with 1 horizontal & 2 rotating vertical boring heads (0-90°) with 21 spindles for executing holes in a line for the wardrobe - side processing



- 21 drilling bit in each head.
- Mainly used for drilling in long board at one time.

CNC Boring Machine

249 / 2412

Three lines Multi-boring Machine



Advantages of Vertix

- Simply operation, automatic production.
- Low error rate, Lower labor cost.
- Digital automatic production solution.
- Improves machining accuracy.
- Enables complex tasks, detail.
- Creates flexibility in manufacturing.
- Boosts production volume.
- Reduces setup-changeover time.

Technical Specifications

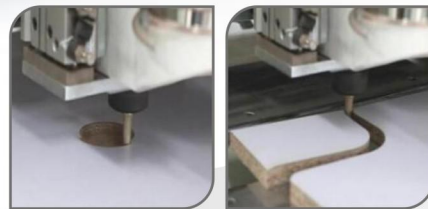
MODEL	VERTIX 2412
MAXIMUM SHEET SIZE	3050 x 1200mm
FASTEST PROCESSING SPEED	80m/min
NUMBER OF AXES	7
NUMBER OF PROCESSING FACES	6
NUMBER OF DRILL BAGS	Above 1, Under 1
NUMBER OF ABOVE HORIZONTAL DRILL AXES	8
NUMBER OF ABOVE VERTICAL DRILL AXES	12
NUMBER OF UNDER VERTICAL DRILL AXES	9
NUMBER OF LOWER SPINDLES	1
NUMBER OF SPINDLES	1
TOTAL POWER	12kw
DIMENSIONS	3100 x 2300 x 1800mm

Technical Specifications

MODEL	VERTIX 249
Max. Length	2400mm
Max. Width	900mm
Max. Thickness	55mm
X Axis Max. Speed	40m/min.
Spindle Speed	24000 RPM
Combination Grooving	Ø120mm
Saw Direction Dia.	
Compressed Air Consumption	450NI/cycle
Dedusting Speed	30m/sec.
Spindle Power	4.5kw
Min. Length	200mm
Min. Width	60mm
Min. Thickness	10mm
Y Axis Max. Speed	60m/min.
Grooving Saw Speed	5000 RPM
Dedusting Capacity	2000m ³ /h

Salient Features

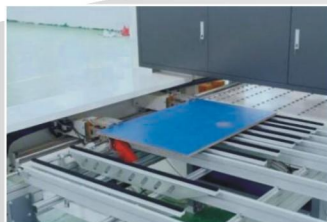
- Precise outer profiling of all four workpiece edges allows the complete formatting of the panels.
- The result are perfect formatted and work pieces with finished joined and profiled edges
- Vertix is implemented for mass production with accuracy.
- Easy on material and time saving for boring operation with affordable price.
- Unique flexibility and Performance
- This machine used for furniture industries for producing everything from drawers to body parts, furniture fronts and rear walls; in short complete machining of all your products.
- Short cycling times and extreme precision
- Heavy duty structure for maximum machining quality.
- Use the capacity of a full-fledged CNC machining center that takes minimum floor space.
- User-friendly & high productivity.



Shaped processing Slotting/ Milling/cutting Cooperate with various cutters/drills Punching, grooving, milling and cutting the plate Different holes and slots can be punched, 360 degree milling type



Automatic feeding Double gripping hands automatically clamp the plate Feed into the machine for processing Automatic side positioning to improve drilling accuracy Can detect the width of the plate to prevent the wrong plate



Automatic feeding Can choose front discharge/back discharge/side discharge Roller assist transfer table Easily transfer board out Automatic lifting unloading table Multiple blanking options to facilitate automatic connection.



Bottom drilling Up and down coordinated punching The software can automatically match according to the tool magazine Coordinated processing of through holes with upper and lower drilling packages Reduce through hole burst No need to turn over, great processing speed



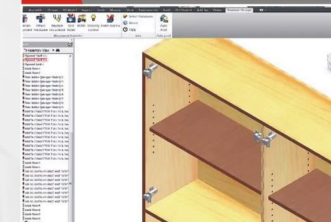
Flat/side drilling The principle of nearby processing, Continuous hole machining

Drilling Head



15 drilling spindles in one head. In which 5 in-line holes each in X and Y directions as well as 4 horizontal drills and integrated sawing unit for quick and precise results. Also having 2 drills for top and bottom edge of panel.

Tolerance Corrections



Determination of exact length dimension and automatic correction of tolerances for dimension-dependent drilling. Ideal as perfect supplement for high precision drilling

Unique Clamping Concept



Automatic contact pressure independent of material thickness for optimum results and precise dimensions



Drilling with grooving saw as standard feature. Powerful milling spindle with smooth bearings. Precision direct drives with exceptionally high dynamic acceleration values for extremely high productivity.

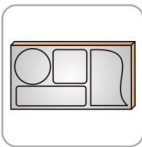
CNC Machining Center

U-REX 1325

U-Rex is Umaboy's new solution for nesting applications. The latest technical solutions, the extremely flexible work table and the innovative developments of the loading and unloading systems makes the 3 Axis CNC a very reliable and competitive machine.

Applications

- Wooden door, cabinet, panel furniture, closet etc.
- Suitable for standard or bespoke production.



Nesting

- Any desired shape can be used with minimum wastage of material.
- Significant time saving.
- Whole process in one working cycle.
- Processed items are immediately ready for processing in an edge bander.

Technical Specifications

MODEL	UREX 1325
Working size	1300 x 2500 x 300mm
Loading and unloading speed	10m/min
Transmission	X/Y helical rack and pinion drive, Z ball screw drive
Table structure	Vacuum
Spindle power	9kw
Spindle speed	24000r/min
Traverse speed	65m/min
Tool magazine	Circular/Linear
Magazine capacity	12
Working voltage	AC420/3PH/50HZ



Multi Drilling



Five horizontal and five vertical drilling bits.

Salient Features

- An entry-level all-rounder, choose your tool changer, linear or carousel, extraordinary solution with competitive price.
- Using world-class components, e.g. 9.0kw ATC spindle, using servo motor driving with reduction gear box for performance and minimum failure.
- Auto loading & unloading system for panel production.
- Versatile functions : Drilling, Cutting, Nesting, Grooving results in maximum production.
- T-slot vacuum table with great absorption strength absorb on multi-zone or clamp with pop-up positioning pin, it is your call.
- Boring aggregate optional.
- German vacuum pump for better vacuum clamping.
- High precision & burr-free cutting.
- Precise helical rack & pinion.
- Automatic lubrication system. (Optional)
- 5 horizontal & 5 vertical drilling system. (Optional)

Auto Loading-Unloading

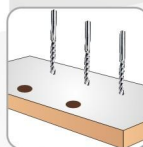


Loading/Unloading system carried out automatically which results in time saving.

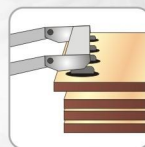
Cutting



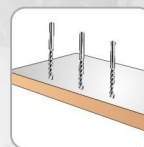
- Cutting process without moving panel.
- Load panel, start processing, no additional manipulation necessary.



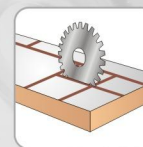
Hardware fitting holes for further process.



Auto Loading/Unloading



Top Drilling



Cutting



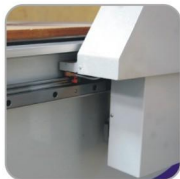
Grooving

CNC Router

UCR 1325A

Widely used for engraving, membrane door designing, acrylic carving, decorative panels, wave boards, grill boards etc.

This CNC Router, configured with high quality spare parts. It can be used to cut or engrave on plastic, acrylic, composite panel, wood, MDF, aluminum, copper, etc., widely used in advertising and woodworking industries. With hard steel structure, is fit for hard wood working, like cutting and engraving on Rosewood for furniture, indoor decoration. And with the Vacuum holding way and dust collector, the machine is qualified for mass-producing of furniture. We use top quality components for the machines, like HSD spindle, Delta Inverter, Becker Vacuum pump, Hiwin linear and so on, to keep the machine in the best condition even after many years working.



Rotary attachment for making wooden pillar on same machine (optional)

Technical Specifications

MODEL	UCR 1325A	UCR 1325B
X, Y working area	1300 x 2500mm	1300 x 2500mm
Z working area	270mm	270mm
Table size	1440 x 3040mm	1440 x 3040mm
Lathe structure	Welded steel structure	Welded steel structure
X, Y structure	Rack and pinion transmission	Rack and pinion transmission
Z structure	Ball screw transmission	Ball screw transmission
Max. Idling speed	35m/min	35m/min
Spindle	6 kw	6 kw
Spindle speed	0-24000r/min	0-24000r/min
Working mode	Stepper	Stepper
Command	G code, HPGL, Uoo. mmg; plt	G code, HPGL, Uoo. mmg; plt
Operating system	DSP with USB interface	DSP with USB interface
Diameter of cutter	3.175 - 12.7 mm	3.175 - 12.7 mm
Cooling mode	Air-cooling	Air-cooling
Dust collect function	Yes	Yes
Work holding	By clamp	By suction

Salient Features

- The machines' body is strong, rigid, high precision, reliable and durable.
- Imported high-precision ball screw gap, smooth movement to ensure that the machine tools high-precision.
- Using well-known domestic brands of water-cooled brushless spindle, low noise, strong cutting ability, to ensure the long time working.
- High-performance driven motor to ensure that the machines high speed and accuracy
- Designer perfectly, select the best machine accessories, to minimize the failure rate preferred

Technical Specifications

MODEL	UVP 1010	UVP 1015
Working table	1	2
Working class	2500 x 1300mm	2500 x 1300mm
Working piece thickness	80mm	80mm
Approximate weight	1300kg. (approx)	1500kg. (approx)
Working cycle time	3-5 min	3-5 min
Application board	MDF/HDF	MDF/HDF
Material	PVC Film	PVC Film
Power required	18 kw	20 kw

Vacuum Press

UVP 1010



Salient Features

- Single vacuum pump
- Double rib for air tight seal
- Osram infra-red heater
- Option for double table centralized
- PLC controller
- Indian pump like Germany style
- Strip heater / Pipe heater



German pump with air filter for out side dust and for long life of pump.



Infra red bulb for direct heat on PVC foil.



Indian Smart Pump



Indian Pipe Heater for Long Life

URBAN STYLE INTERIO

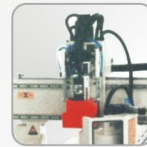
CNC Router

UCR 1325C



Technical Specifications

MODEL	UCR 1325C
X, Y working area	1300 x 2500mm
Z working area	300mm
Table size	1440 x 3500mm
Lathe structure	Rack and pinion
Max. Idling speed	40m/min
Spindle	6 kw
Spindle speed	0-24000r/min
Working mode	Servo
Command	G code, HPGL, U00
Diameter of cutter	3.175 - 25.4 mm
Cooling mode	Air cooling
Dust collect function	Yes
Work holding	By clamp & suction



8kw HSD
Spindle ISO 30



LNC Control
System

Stone Cutting CNC

UCR 1325 SS

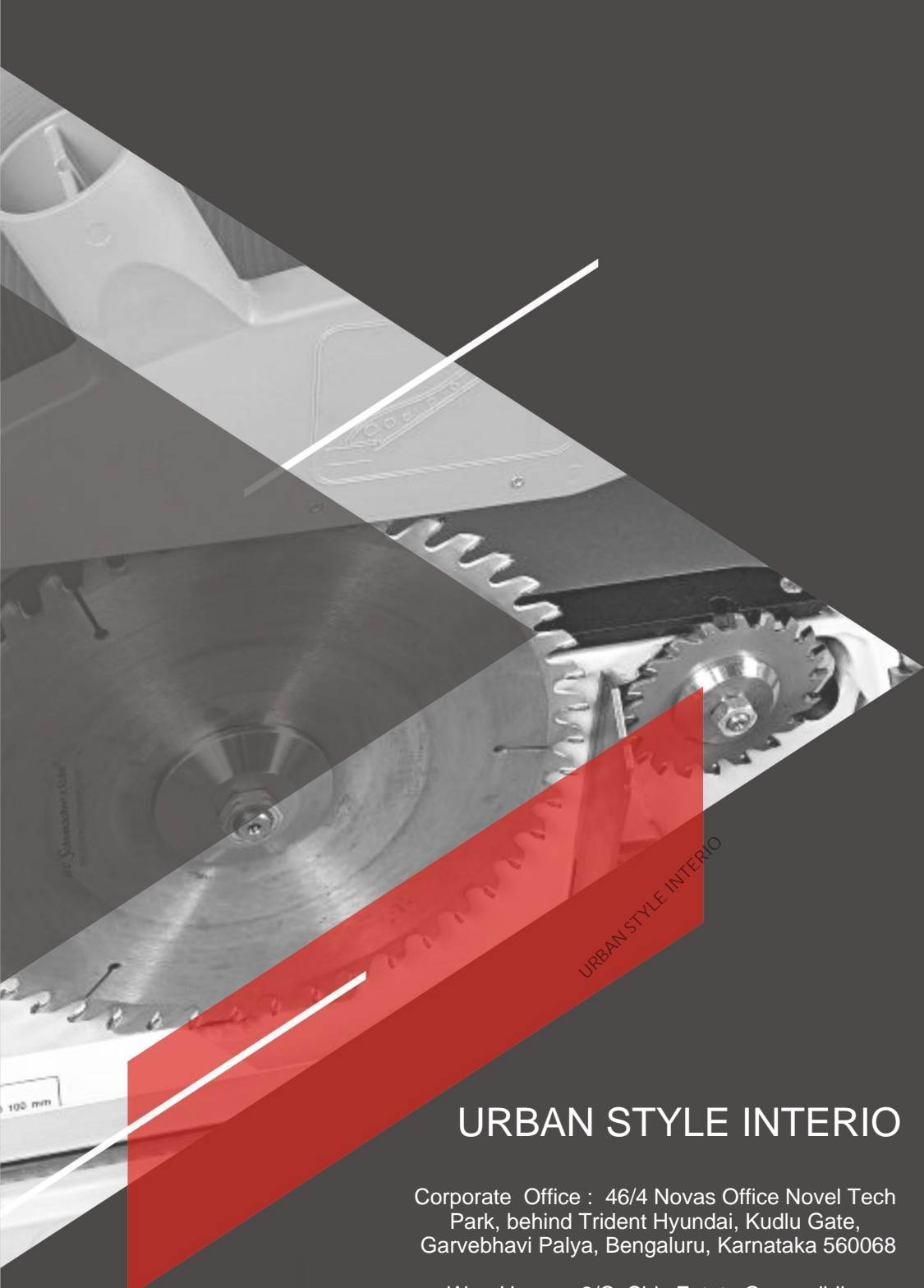


Technical Specifications

MODEL	UCR 1325 SS
X, Y working area	1300 x 2500mm
Z working area	300mm
Table size	1440 x 3040mm
X, Y structure	Rack and pinion transmission
Lathe structure	Seamless welded steel structure
Z structure	Ball screw transmission
Max. Idling speed	35m/min
Spindle	6 kw
Spindle speed	0-24000r/min
Working mode	Servo
Command	G code, HPGL, U00. mmg; plt
Operating system	NC studio
Diameter of cutter	3.175 - 25.4 mm
Cooling mode	Air cooling/Water-cooling
Dust collect function	Yes
Work holding	By clamp

Applications

- Stones such as natural marble, granite, artificial stone, headstone, milestone, ceramic tile
- Material : Copper, Aluminium
- Others : Woods density board, plastic board



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