



Shree Umiya F-Tech Machines



NEW AGE TECHNOLOGY FOR
**WOOD WORKING
INDUSTRIES**

www.shreeumiya.com

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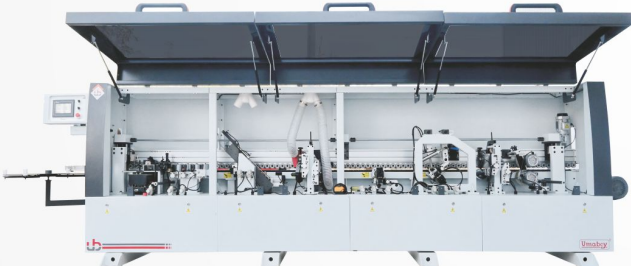
Innovative Solutions for
Woodworking Industry

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



Umaboy[®]

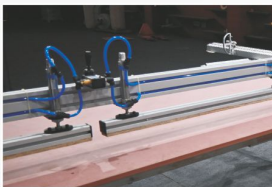
Shree Umiya F-Tech Machines



PANEL SAW UPS 3200B / UPS 3200A

PROUDLY 
MADE IN INDIA 

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.



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.



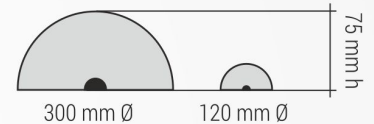
The Rip Fence

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



Cross Cut Fence

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



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.



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.



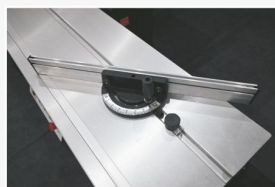
Scoring Unit

- 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.



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.

TECHNICAL SPECIFICATIONS

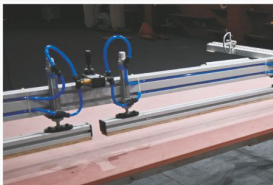
MODEL	UPS 3200A	UPS 3200B
Dimension Of Sliding Table	3200 x 375 mm	3200 x 375 mm
Gross Cut Capacity	3200 mm	3200 mm
Width Of Cut Between Saw Blade And Rip Fence	1220 mm	1220 mm
Saw Blade Diameter	300 mm [250-300]	300 mm [250-300]
Height Of Cut	75 mm	75 mm
Height Of Cut (in 45°)	55 mm	55 mm
Speed Of Main 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

PANEL SAW UPS 3200A HV



Shree Umiya F-Tech Machines

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.



Pneumatic Clamp (optional)

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- 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.



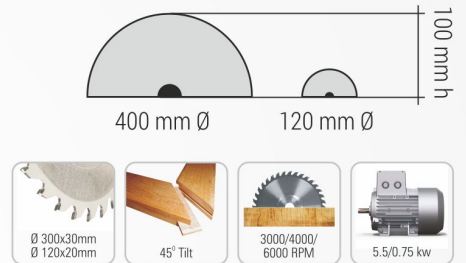
The Rip Fence

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



Cross Cut Fence

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



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.



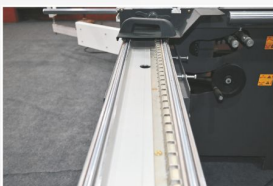
Scoring Unit

- 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.



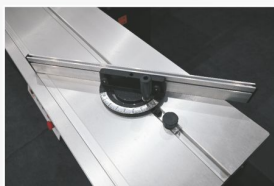
Cutter Up down Movement

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



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.

SALIENT FEATURES

- Burr free cutting & right angle cutting.
- Smart and heavy duty structure.
- Can tilt 450 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 450)	50 mm
Speed of main saw spindle	4000/6000 rpm
Spindle diameter	30 mm
Tilting saw blade	0-450
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
450 Tilt	Manual
Cross Cut Fence Read Out	-
PLC Touch Screen	-
Main saw up and down	Auto
Scoring saw up and down	Auto

PANEL SAW A++ PANEL SAW A++

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.



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PROUDLY  
MADE IN INDIA

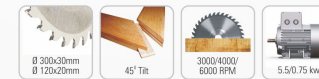
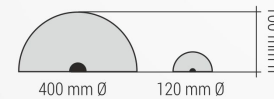


TECHNICAL SPECIFICATIONS

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

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.



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



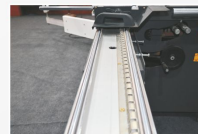
Saw Unit
• High precision cutting.
• Main saw RPM 4000/6000
• Noise less standardized motor.
• Easy up-down of main saw and scoring saw.
• Left & right movement of scoring saw.



N.C. Controlled Rip Fence
• Error Less accurate movement of rip fence
• Controlled by servo motor
• Serial Movement Can be performed by just one touch according to PLC data list



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.



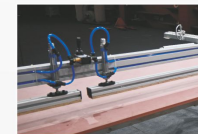
Sliding Table
• Extremely smooth running and multi chamber system with linear steel bar bearing for high life.



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.
• 78° 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 AUTO

Maximum production output with excellent cutting of multiple panels



Shree Umiya F-Tech Machines



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 [steplless]	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 (l x w x h)	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.
- 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 width 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 some 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 from moving. 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



Saw Carriage

• Standard assembly for high precision and the height of man 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.



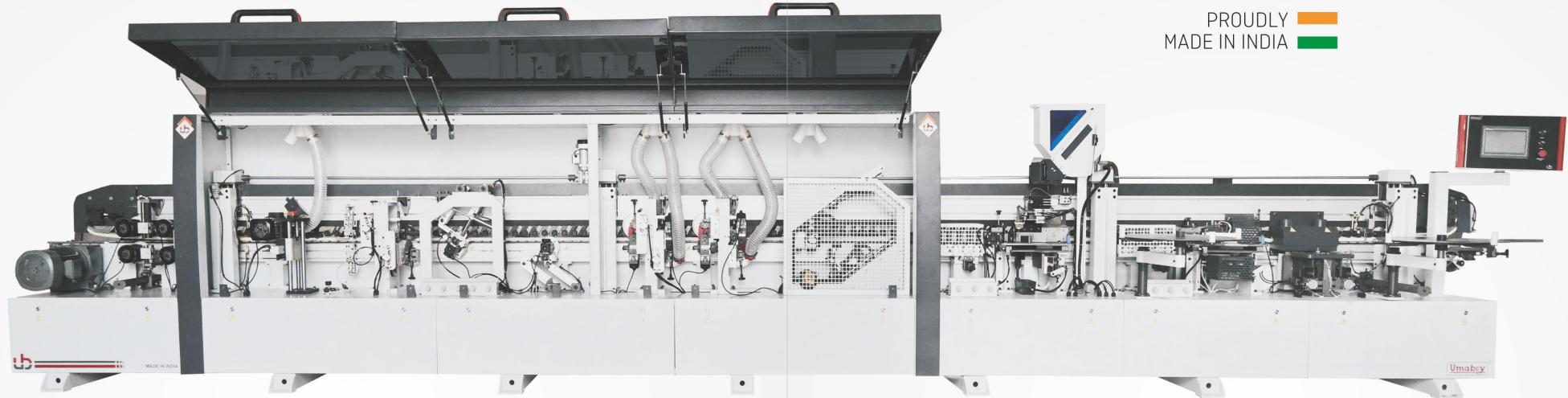
Feeding Precision

• High precision servo driven system. • Magnetic rolling 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.

UEB 990 PUR HIGH SPEED AUTOMATIC EDGEBANDER

HEAVY DUTY MACHINE FOR LARGE SCALE PRODUCTION

PROUDLY 
MADE IN INDIA 



TECHNICAL SPECIFICATIONS

Model	UEB 990 PUR
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-60 mm
Minimum Width Of The Panel	50 mm
Minimum Leangth Of The Panel	120 mm
Conveyer Speed	14/18/23 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	30 kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x2.2kw
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Top/bottom Rough-trimming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Grooving Unit Motor Power	4kw
Max. Depth Of Grooving	17+9mm blade
1st Buffing Unit (oscillated) Power	2x0.37 kw
2nd Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	10400 X 1750 X 1000

SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Equipped with **Silicon belt conveyer**
- **Motorised up-down** of conveyer belt
- Equipped with **Diamond pre milling Cutter**
- Thanks to **Double glue pot system** which will allows for using **PUR & EVA** glue without changing glue pot
- Also equipped **Pre melting glue pot**
- **Safety air tank** for constant supply of air to machine



DOUBLE RAIL END CUTTING SYSTEM

Both Side end cutting Performed by individual high RPM spindle motor both spindle travels on saprate guide rail with saprate pneumatic air cylinder which will help to achieve high speed end cutting.



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.



SILICON BELT CONVEYER SYSTEM

- For high speed machine silicon belt conveyer very help full for gripping on narrow panels is will note be allowed vibration of panel while performing operations on panels
- no suspension on middle of the conveyor
- give the more stability & precise panel moment

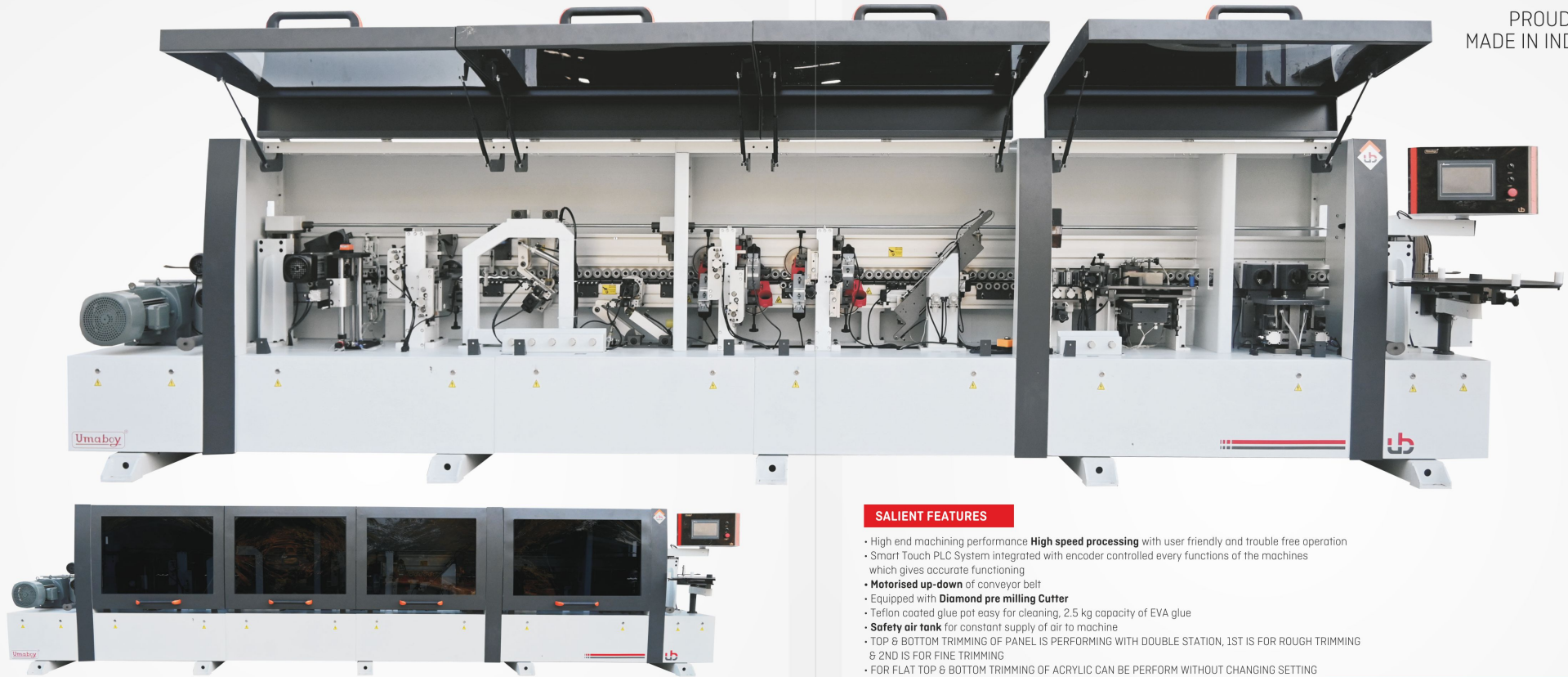


UEB 860 PCGD /860 PC/860 C/860

MAXIMUM PRODUCTION OUTPUT WITH EXCELLENT CUTTING OF MULTIPLE PANELS



PROUDLY
MADE IN INDIA



SALIENT FEATURES

- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorised up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine
- TOP & BOTTOM TRIMMING OF PANEL IS PERFORMING WITH DOUBLE STATION, 1ST IS FOR ROUGH TRIMMING & 2ND IS FOR FINE TRIMMING
- FOR FLAT TOP & BOTTOM TRIMMING OF ACRYLIC CAN BE PERFORM WITHOUT CHANGING SETTING WITH ROUGH TOP BOTTOM UNIT
- GROOVING STATION IS VALUE ADDED FUNCTION

TECHNICAL SPECIFICATIONS

MODEL	UEB 860 PCGD
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-60 mm
Minimum Width Of The Panel	50 mm
Minimum Length Of The Panel	120 mm
Conveyer Speed	14/18/23 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	23 kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x2.2kw
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Top/bottom Rough-trimming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Grooving Unit Motor Power	4kw
Max. Depth Of Grooving	17+9mm blade
Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	7400 X 1600 X 1000

MODEL NO:	Pre Milling Unit	Glue Unit	Pressure Roller Group	end cutting	rough top/bottom trimming	fine top/bottom trimming	Corner Rounding
UEB -860 PCGD	✓	✓	✓	✓	✓	✓	✓
UEB -860 PC	✓	✓	✓	✓	X	✓	✓
UEB -860 C	X	✓	✓	✓	X	✓	✓
UEB -860	X	✓	✓	✓	X	✓	X

PVC Scraping	Glue Scraping	Grooving unit	Liquid Spraying	Buffing unit
✓	✓	✓	✓	✓
✓	✓	X	✓	✓
✓	✓	X	✓	✓
✓	X	X	X	✓

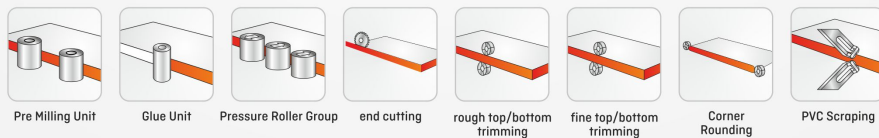
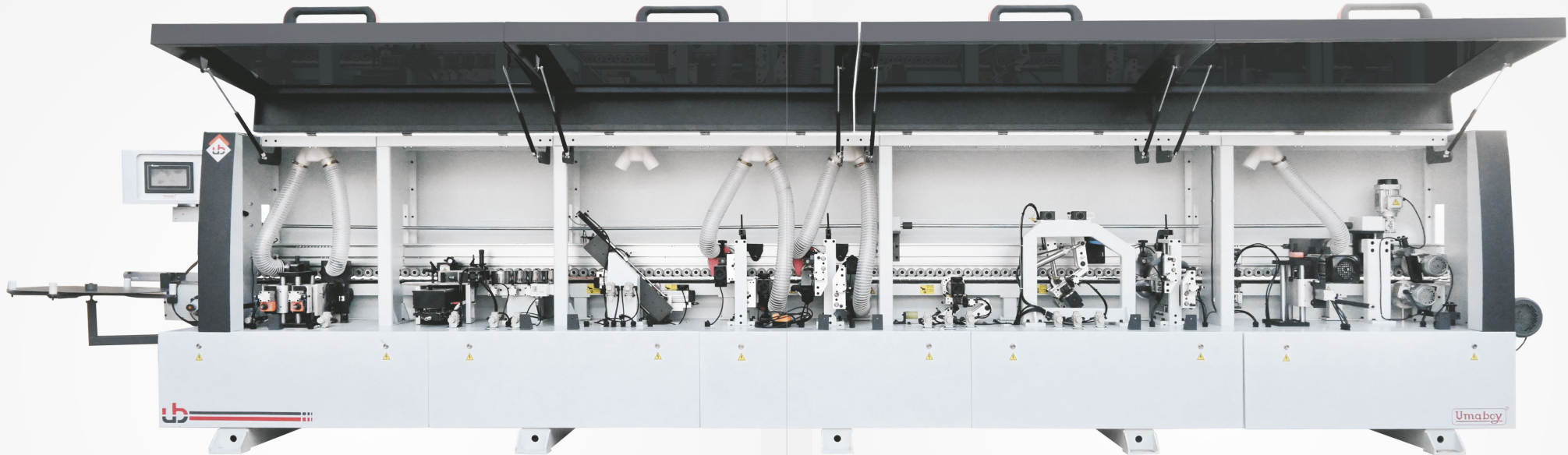
UEB-640 PCGD HIGH SPEED AUTOMATIC EDGEBANDER

HIGH RESOURCEFULNESS IN A LARGE GROUND OF APPLICATIONS



Shree Umiya F-Tech Machines

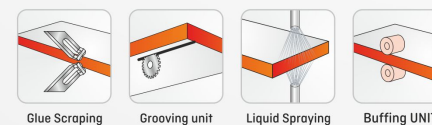
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Pre Milling Unit Glue Unit Pressure Roller Group end cutting rough top/bottom trimming fine top/bottom trimming Corner Rounding PVC Scraping

SALIENT FEATURES

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- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorised up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine



Glue Scraping Grooving unit Liquid Spraying Buffing UNIT

TECHNICAL SPECIFICATIONS

Model	UEB 640 PCGD
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Length Of The Panel	130 mm
Conveyor Speed	18 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	16kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x1.5kw
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Top/bottom Rough-trimming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Grooving Unit Motor Power	4kw
Max. Depth Of Grooving	17+9mm blade
Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	7300 X 1650 X 1000

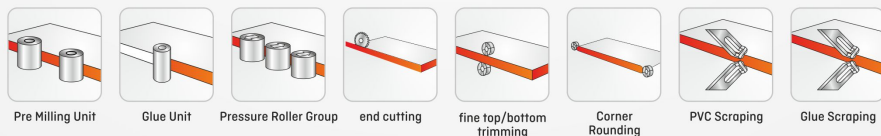
UEB 540 PC HIGH SPEED AUTOMATIC EDGEBANDER

designed for highest requirements in terms of quality and stands for complete processing of modern edge banding solutions.



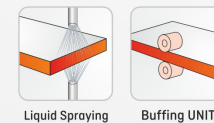
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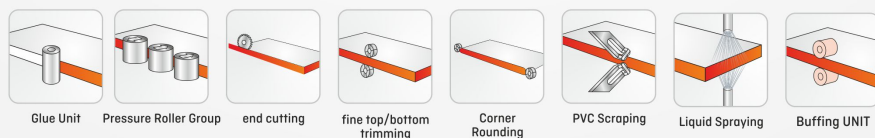
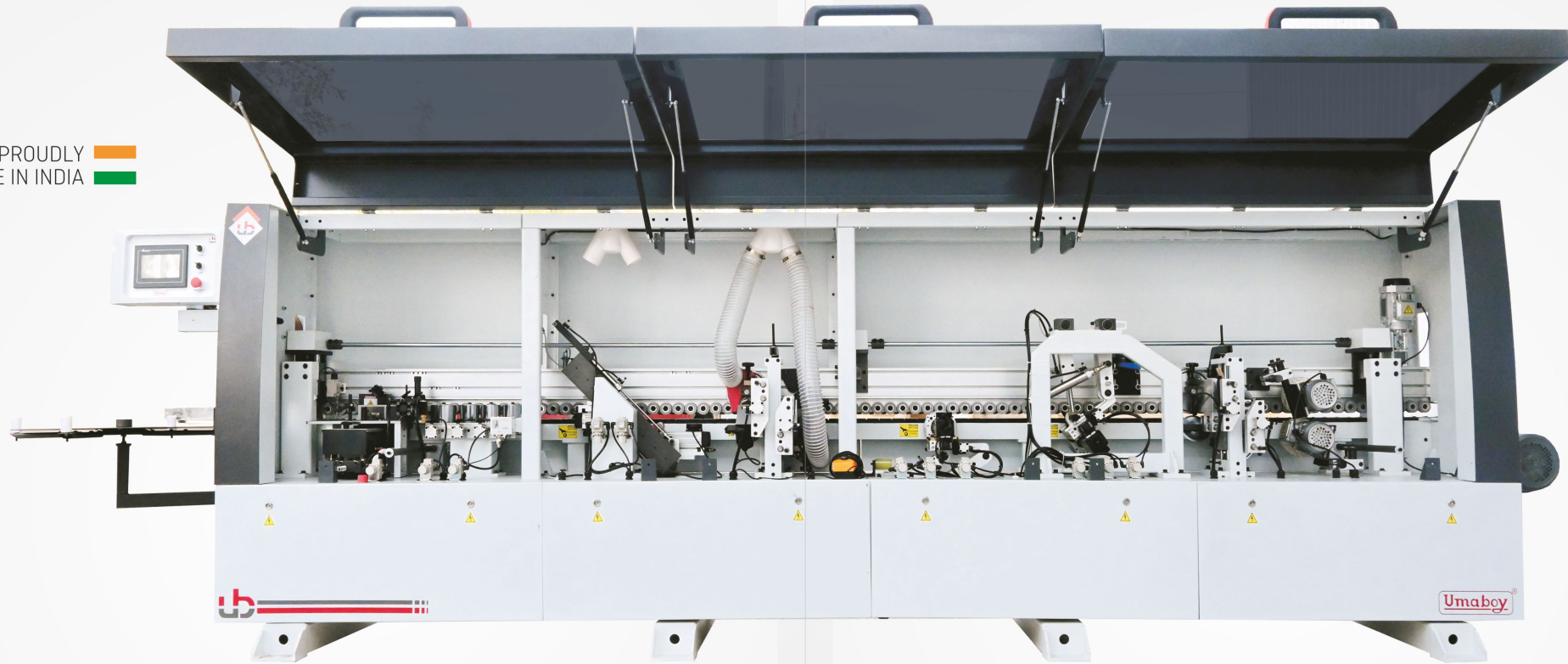
Model	UEB 540 PC
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Length Of The Panel	130 mm
Conveyer Speed	18 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	12kw
Total Air Pressure	6-8 bars
Pre-milling Motor Power	2x1.5kw
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	6300 X 1650 X 1000

UEB 310 C HIGH SPEED AUTOMATIC EDGEBANDER

MINIMUM INVESTMENT TO GET MAXIMUM OUTPUT

Umaboy[®]
Shree Umiya F-Tech Machines

PROUDLY 
MADE IN INDIA 



UEB 310C Edge Banding Machine stands for Minimum Investment to get Maximum Output. The UEB 310C series is your guarantee for absolute quality, flexibility and productivity. The smart element of the machine is exclusive price with attractive result. UEB 310C 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.

SALIENT FEATURES

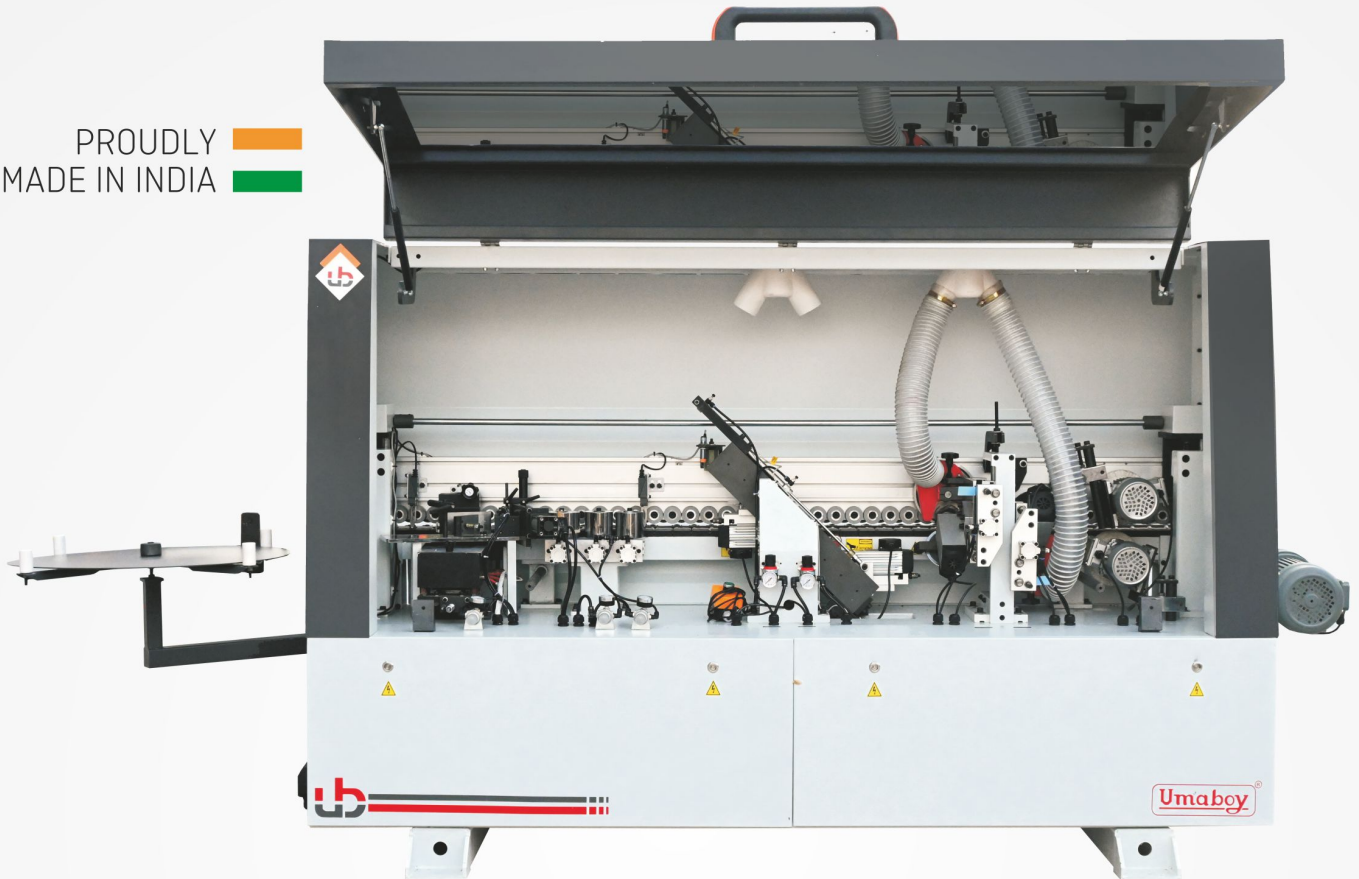
- High end machining performance **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorised up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- Teflon coated glue pot easy for cleaning, 2.5 kg capacity of EVA glue
- **Safety air tank** for constant supply of air to machine

TECHNICAL SPECIFICATIONS

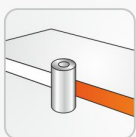
Model	UEB 310C
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Leangth Of The Panel	130 mm
Conveyer Speed	18 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	8kw
Total Air Pressure	6-8 bars
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Corner Rounding Unit Power	2x0.3kw
Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	5400 X 1600 X 1000

UEB 240 / 240S HIGH SPEED AUTOMATIC EDGEBANDER

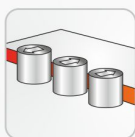
PROUDLY 
MADE IN INDIA 



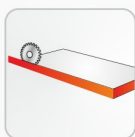
MODEL 240 S



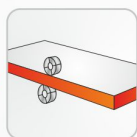
Glue Unit



Pressure Roller Group



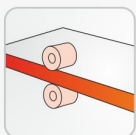
end cutting



fine top/bottom trimming



PVC Scraping

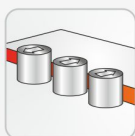


Buffing UNIT

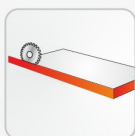
MODEL 240



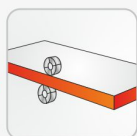
Glue Unit



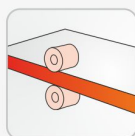
Pressure Roller Group



end cutting



fine top/bottom trimming



Buffing UNIT

SALIENT FEATURES

- High end machining performance
- **High speed processing** with user friendly and trouble free operation
- Smart Touch PLC System integrated with encoder controlled every functions of the machines which gives accurate functioning
- **Motorised up-down** of conveyor belt
- Equipped with **Diamond pre milling Cutter**
- 2.5 kg capacity of EVA glue

TECHNICAL SPECIFICATIONS

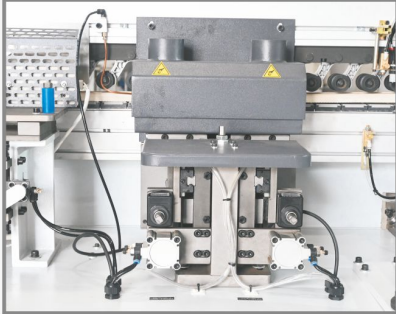
Model	UEB 240
Electric Level	415-220/50 hz
Edge Material Thickness	0.4-3 mm
Panel Thickness	10-50 mm
Minimum Width Of The Panel	60 mm
Minimum Length Of The Panel	130 mm
Conveyer Speed	18 m/min
Conveyer Thickness Adjustment	Electric
Conveyer Up/down	0.37 kw
Total Electric Power	6.5kw
Total Air Pressure	6-8 bars
End Cutting Unit Power	2x0.55kw
Top/bottom Fine-trimming Unit Power	2x0.55kw
Buffing Unit Power	2x0.37 kw
Overall Size (L X H X W)	3400 X 1600 X 1000

UNITS OF EDGE BANDING SERIES



Shree Umiya F-Tech Machines

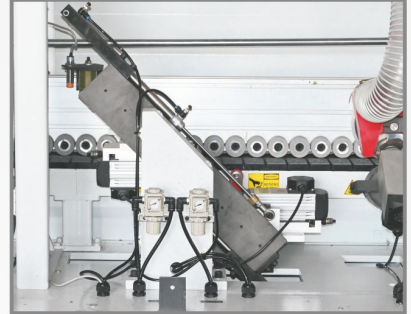
990 PUR / 860 PCGD / 640 PCGD / 540 PC /
310C/240S/240



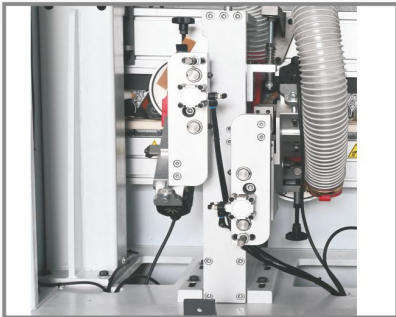
PRE MILLING UNIT



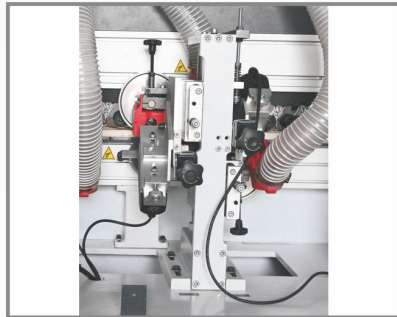
GLUE UNIT



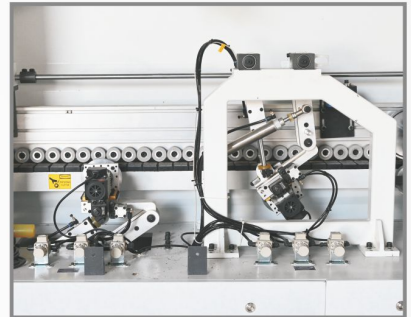
END CUTTING



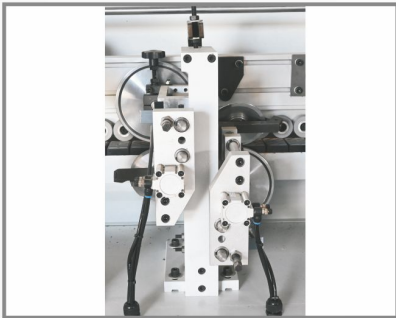
TOP BOTTOM ROUGH
TRIMMING



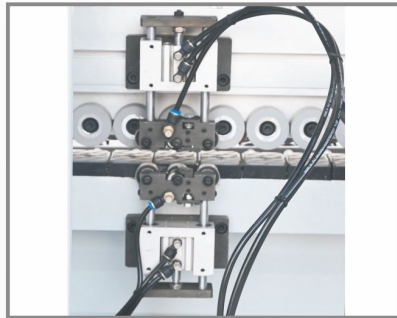
TOP BOTTOM FINE
TRIMMING



CORNER ROUNDING



PVC SCRAPPING



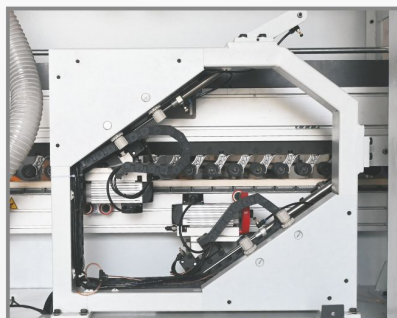
GLUE SCRAPPING



GROOVING



BUFFING



DOUBLE RAIL GUIDE END
CUTTING SYSTEM



DOUBLE BUFFING

UEB 3.1 AUTOMATIC EDGEBANDER

MINIMUM INVESTMENT TO GET MAXIMUM OUTPUT



Shree Umiya F-Tech Machines

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.

PROUDLY  
MADE IN INDIA

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/18000rpm
Pallet Motors	1.1kw/900rpm
Machine length	3100mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen



WITH CORNER ROUNDING



Glue Unit



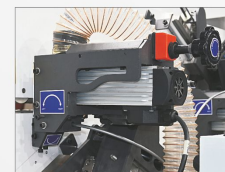
Scissors Unit



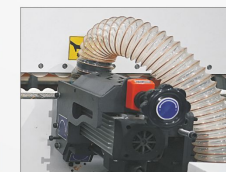
Pressure Group



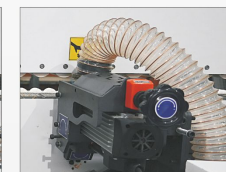
End Cutting



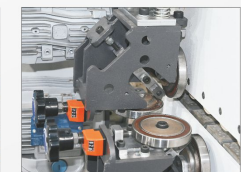
Top Trimming



Bottom Trimming



Corner Rounding



Glue/PVC Scraping



Liquid Spraying



Buffing



Single Conveyer

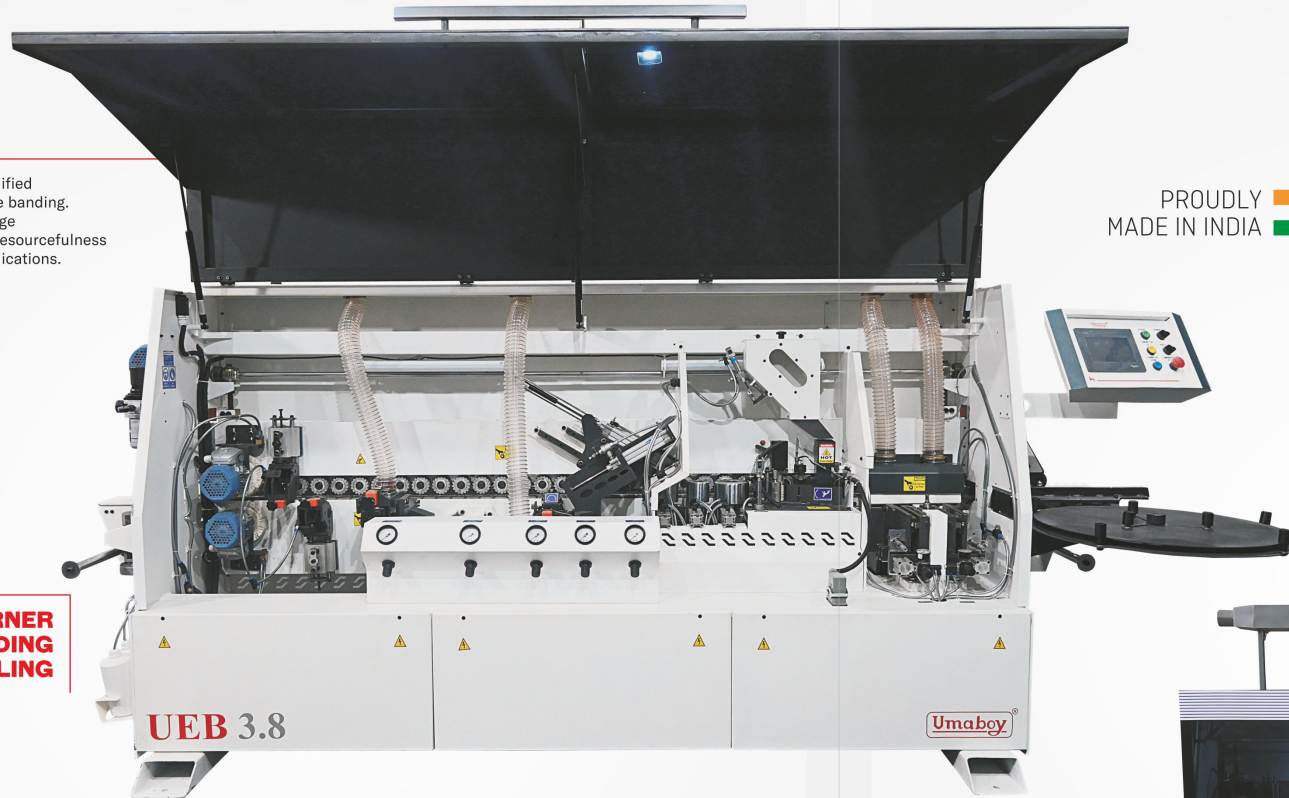
UEB 3.8 AUTOMATIC EDGE BANDER

HIGH RESOURCEFULNESS IN A LARGE GROUND OF APPLICATIONS

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



PROUDLY  
MADE IN INDIA

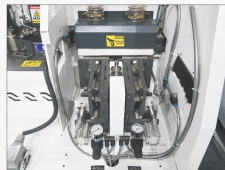
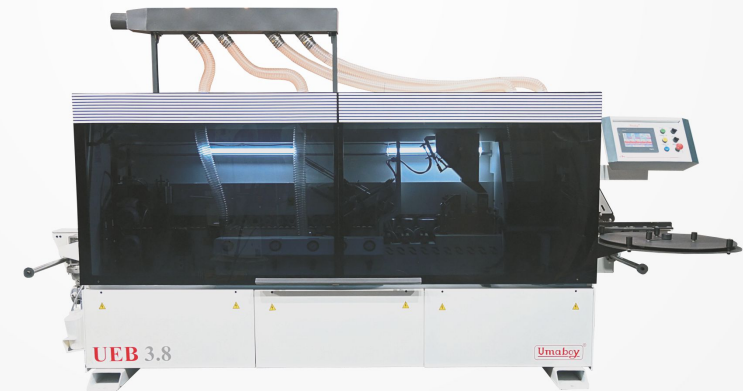


Shree Umiya F-Tech Machines

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
Single pallet system	0.75kw/1404rpm
Machine length	3800mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

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.



Pre Milling Unit



Glue Unit



Scissors Unit



Pressure Group



End Cutting



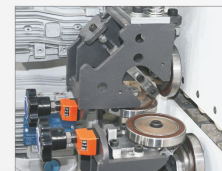
Top Trimming



Bottom Trimming



Corner Rounding



GluePVC Scraping



Liquid Spraying



Buffing



Single Conveyor

UEB 4.2 AUTOMATIC EDGE BANDER

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

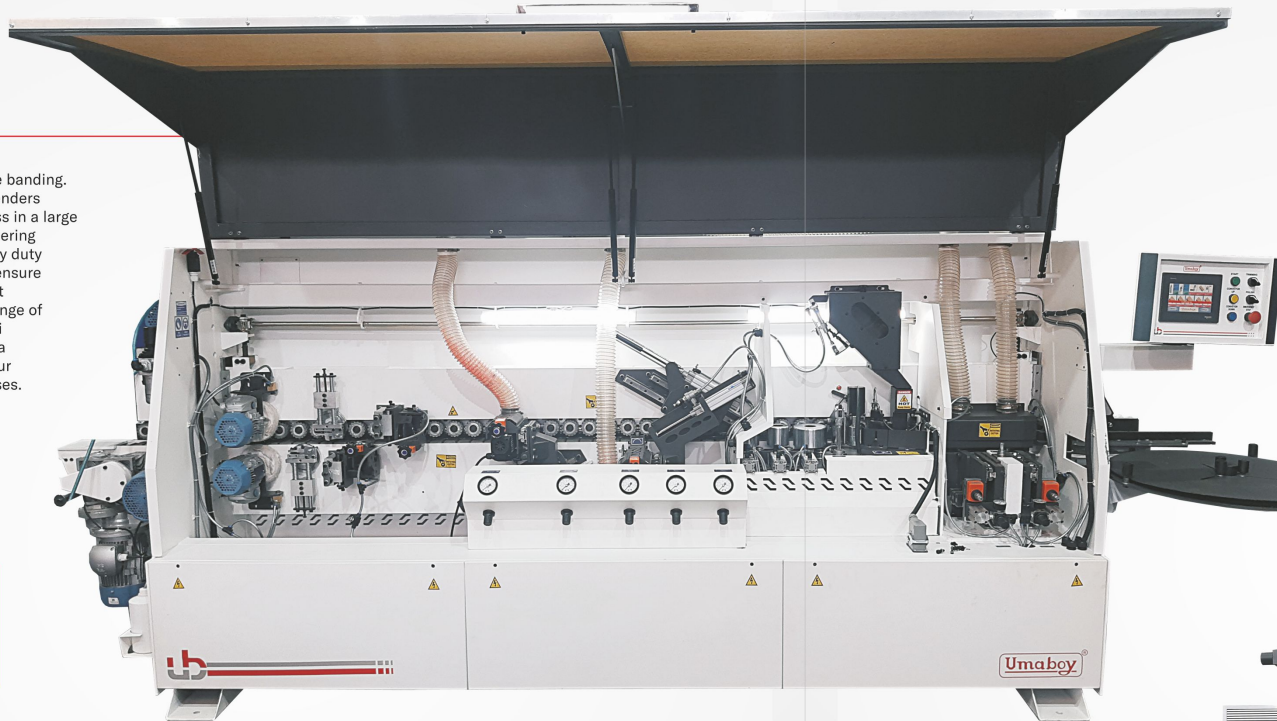


Shree Umiya F-Tech Machines

PROUDLY 
MADE IN INDIA 

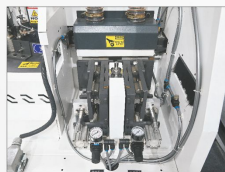
UEB 4.2

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.



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/1200rpm 1x1.5kw/1200rpm
Trimming	2x0.75kw/1800rpm
Buffing motor	2x0.18kw/1310rpm
Glue boiler engine	0.18kw/850rpm
PVC step engine	0.4kw
Single pallet system	1.5kw/1404rpm
Machine length	4200mm
Machine width	800mm
Machine height	1500mm
PLC	User friendly touch screen

WITH CORNER ROUNDING, PRE MILLING & GROOVING UNIT



Pre Milling Unit



Glue Unit



Scissors Unit



Pressure Group



Buffing



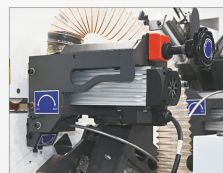
End Cutting



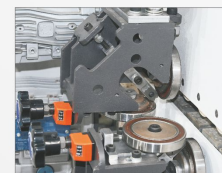
Top Trimming



Bottom Trimming



Corner Rounding



GluePVC Scraping



Liquid Spraying



Buffing



Single Conveyor

MANUAL EDGE BANDER U1006

PROUDLY 
MADE IN INDIA 

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.

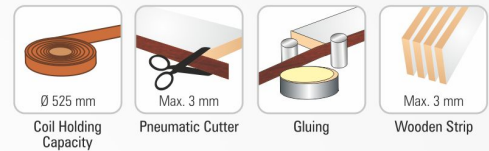


TECHNICAL SPECIFICATIONS

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

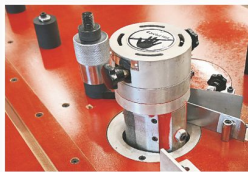
- Variable feed speed of edge banding.
- Swivel bar roller support for big width work piece.
- Aluminum glue pot with covering heat insulation material.
- Foot and micro cutting system for edge cutting.



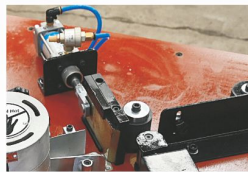
Panel with LCD Display and Keypad



Glue Roller & Glue Pot



Scissor Unit



Swivel Bar



45° Tilting Table



MANUAL EDGE BANDER UEB-1009



Glue Roller & Glue Pot



Scissor Unit



SALIENT FEATURES

- Variable feed speed of edge banding.
- Aluminum glue pot with covering heat insulation material.
- Foot and micro cutting system for edge cutting.

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

MANUAL EDGE BANDER

UEB-1006-45°



Shree Umiya F-Tech Machines



PROUDLY 
MADE IN INDIA 

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.
- High speed motor equipped with 'v' groove tool
- 45° & Straight pressing unit

TECHNICAL SPECIFICATIONS

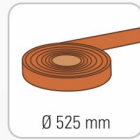
MODEL	U1006
Maximum thickness of work piece	10 to 50 mm
Tape thickness	0.4 to 2 mm
Glue pot capacity	2 kgs. approx
Heating element	3 kw
Tape cutting mechanism	Pneumatic
Control of tape cutting	Micro/Foot Switch
Working speed per minute	0 to 10 mts (Variable)
Motor	1 HP
Air pressure	5 to 7 kg/cm ²
Tape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



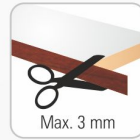
Panel with LCD Display and Keypad



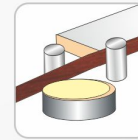
45° Tilting Table



Ø 525 mm
Coil Holding Capacity



Max. 3 mm
Pneumatic Cutter



Gluing



Max. 3 mm
Wooden Strip



Glue Roller & Glue Pot



Scissor Unit



45° PVC EDGE BAND PRESSING UNIT



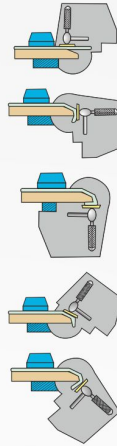
45° PVC V GROOVE UNIT



Swivel Bar

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

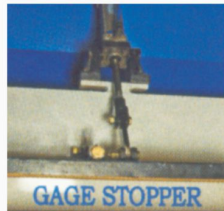
- PLC control panel which has a capacity of 15 job programs.
- Special pneumatic gauge is operated by 2 pneumatic cylinders for repetitive jobs settings.
- 8 pneumatic cylinders to apply uniform pressure on job through forming heater bar assy. for effective bonding of laminate.
- Long life heater bar 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.



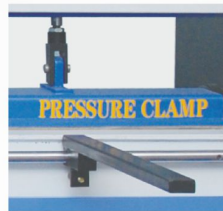
PLC Controller

- 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

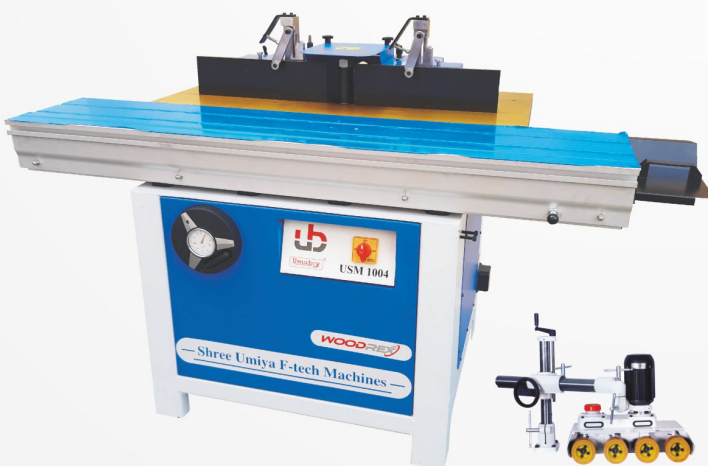


Pressure Clamp

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

PROUDLY
 MADE IN INDIA

SPINDLE MOUDLER U1004



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.

TECHNICAL SPECIFICATIONS

MODEL	1004	1004A
Fix table size	1050 x 795mm	1050 x 795mm
Sliding table size	1300 x 305 mm	-
Degree	450	450
Up and down movement of spindle	75mm	75mm
Maximum moulding block width	100mm	100mm
Electric Motor	5 HP/2800rpm	5 HP/2800rpm



Moulding



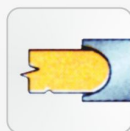
Grooving



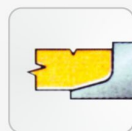
Arch Moulding



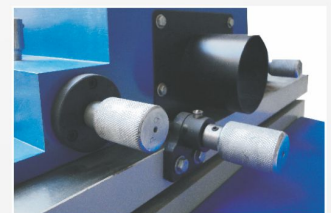
45° TILT



Full Round



Half Round



HIGH SPEED FEEDER UF004



Shree Umiya F-Tech Machines



Hinge Boring

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.

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

HYDRAULIC COLD PRESS UCP 1001-2 CYLINDER



PROUDLY 
MADE IN INDIA 

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

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



TECHNICAL SPECIFICATIONS

MODEL	UCP1001A
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

SALIENT FEATURES

- 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.

- Loading & Unloading at extra cost
- panel size must be same as machine working size, small size panel is not allowed to press in machine

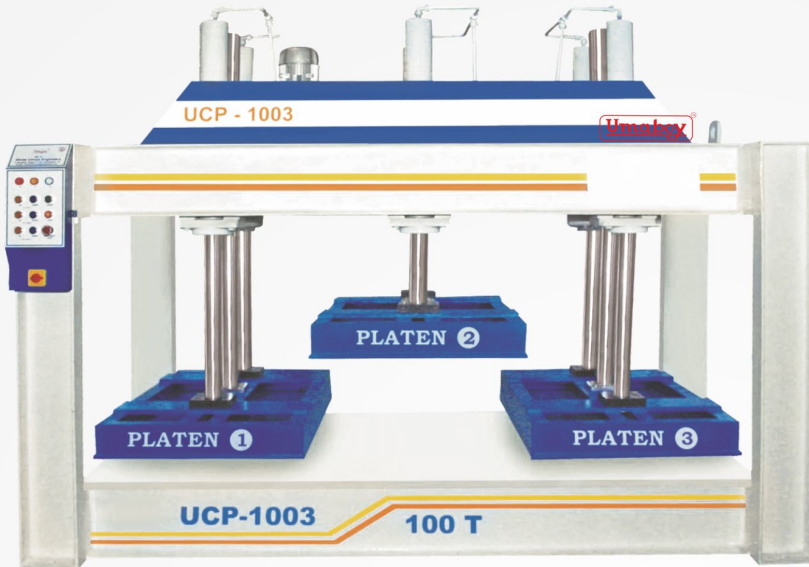
HYDRAULIC COLD PRESS



Shree Umiya F-Tech Machines

UCP 1001-2 CYLINDER

6 Cylinder Three Platen Cold Press



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

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.

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.



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	1500C
Maximum pressure	100kg/cm2
Job completion time	5 minutes
Day light	350mm
Press size	3600x1550x1900mm

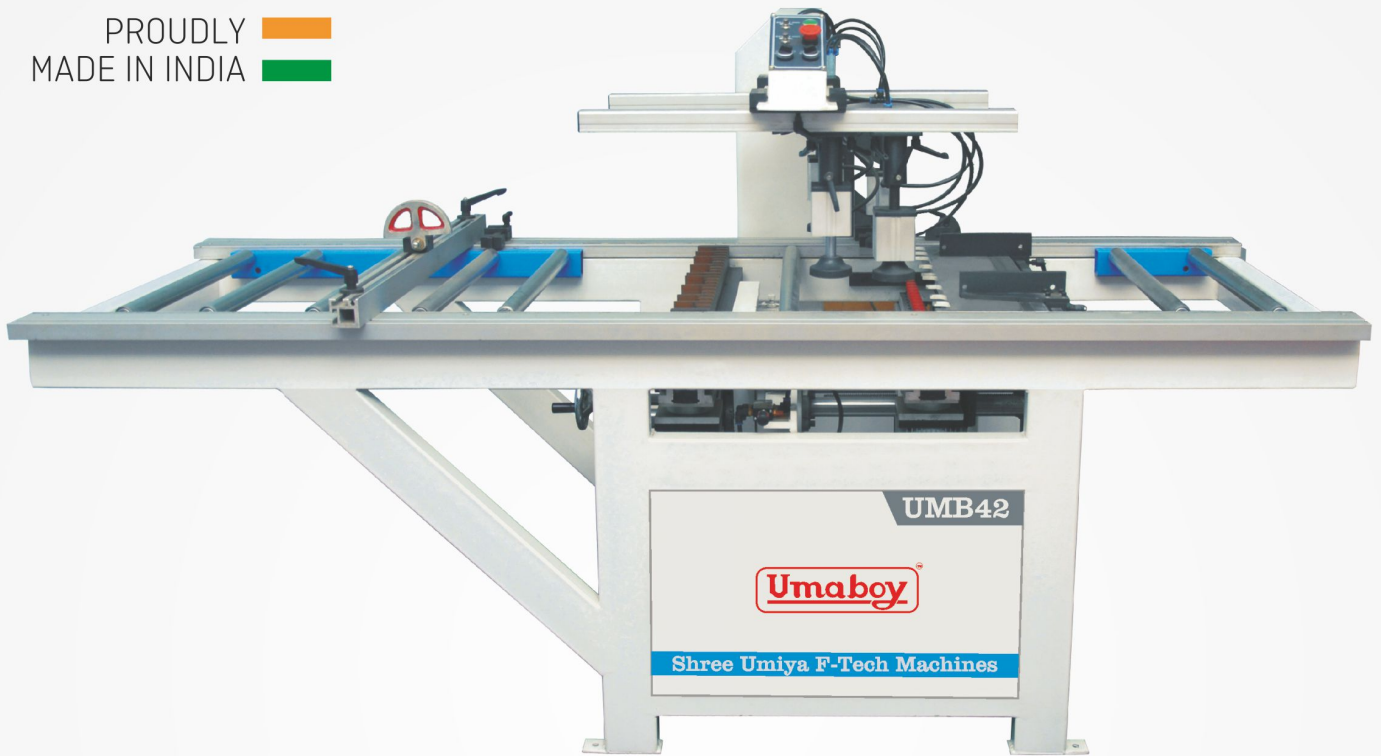
SALIENT FEATURES

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

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 spindles 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.

PROUDLY 
MADE IN INDIA



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 heat-treated with high intensity.
- Prompt accurate and convenient operation.



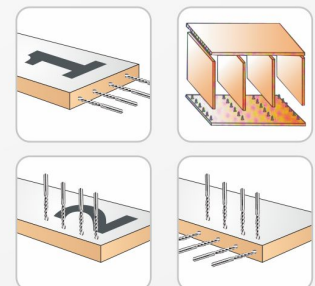
Vertical Boring Head

- 21 drilling bits at 32mm distance.



Tilting Drilling Head

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

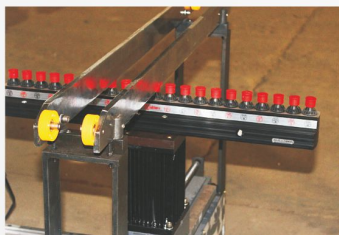
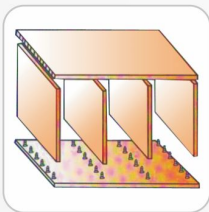
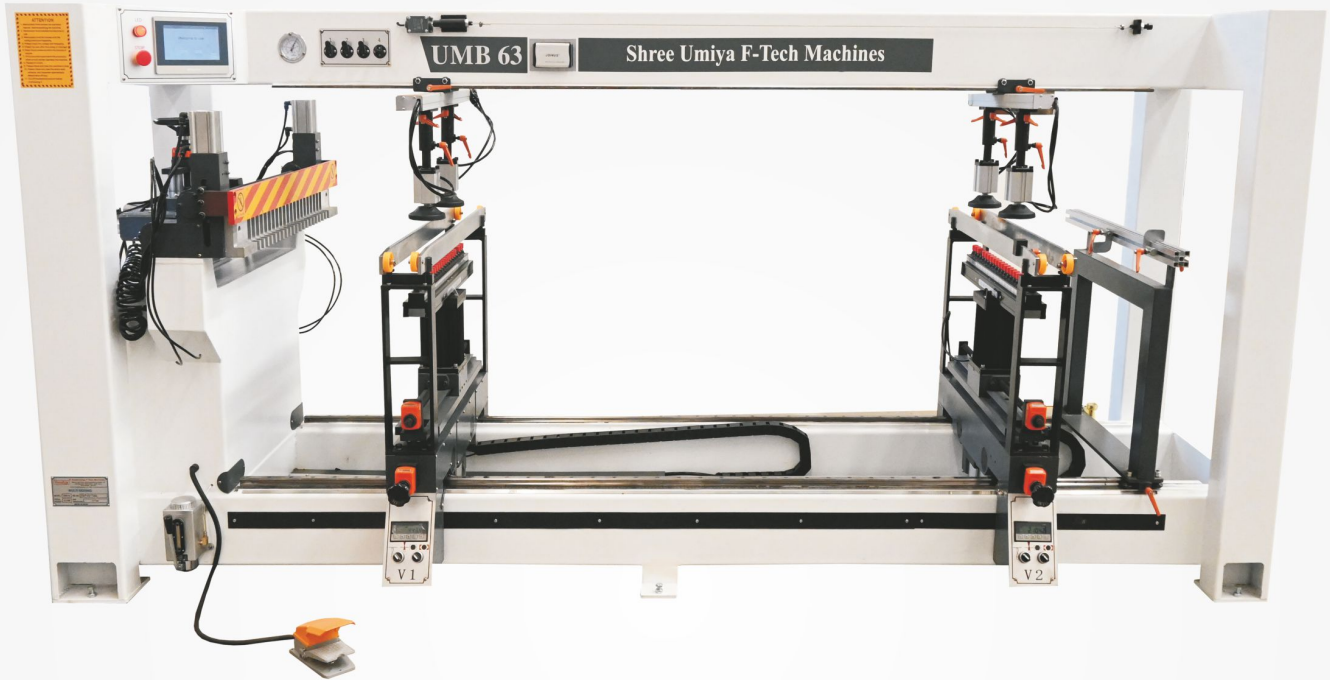


MULTI BORING UMB 63



Shree Umiya F-Tech Machines

Three lines Multi-boring Machine



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

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

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

CNC SIX SIDED DRILLING U-612K

Six-sided drilling, double-sided Grooving, milling processing new upgrade, intelligent optimization of processing path

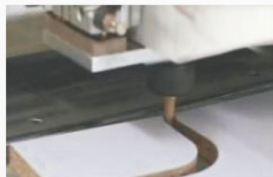


TECHNICAL SPECIFICATIONS

MODEL	U-612K	U-612M
MAXIMUM SHEET SIZE	3050 x 1200mm	3050 x 1200mm
FASTEST PROCESSING SPEED	80m/min	80m/min
NUMBER OF AXES	7	7
NUMBER OF PROCESSING FACES	6	6
NUMBER OF DRILL BAGS	TOP 1, BOTTOM 1	TOP 1, BOTTOM 1
NUMBER OF TOP HORIZONTAL DRILL AXES	8	8
NUMBER OF TOP VERTICAL DRILL AXES	10	8
NUMBER OF BOTTOM VERTICAL DRILL AXES	9	4
NUMBER OF SPINDLES	2	2
TOTAL POWER	12kw	13kw
DIMENSIONS	5800 x 2800 x 2200mm	5800 x 2800 x 2200mm

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
- Vertex 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

Note: Unloading platform is at extra cost

CNC SIX SIDED DRILLING U-612KS



Shree Umiya F-Tech Machines

Six-sided drilling, double-sided Grooving, milling processing
new upgrade, intelligent optimization of processing path

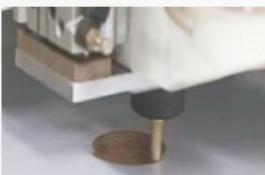


TECHNICAL SPECIFICATIONS

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
TOOL STORAGE CAPACITY ATC	4
TOTAL POWER	12kw
DIMENSIONS	3100 x 2300 x 1800mm

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.
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FOUR TOOL ATC TOOL CHANGER



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



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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

Note: Unloading platform is at extra cost

CNC MACHINING CENTER U-REX 1325

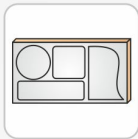


Shree Umiya F-Tech Machines

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.

SALIENT FEATURES

- 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.



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]

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

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



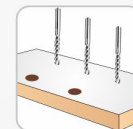
Auto Loading-Unloading

Five horizontal and five vertical drilling bits.

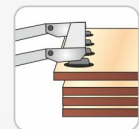


Cutting

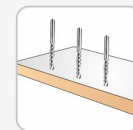
• Cutting process without moving panel.
• Load panel, start processing, no additional manipulation necessary.



Hardware fitting holes for further process.



Auto Loading/Unloading



Top Drilling



Grooving

CNC MACHINING CENTER U-REX 1325 ATC



Shree Umiya F-Tech Machines

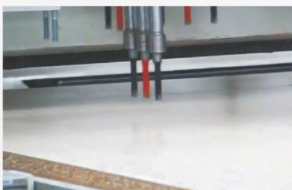


TECHNICAL SPECIFICATIONS

MODEL	U-REX 1325 ATC
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	Linear
DRILL BAG	9V
Magazine capacity	12
Working voltage	AC420/3PH/50HZ

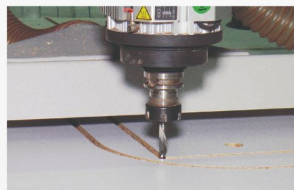
SALIENT FEATURES

- Using world-class components, e.g. 9.0kw ATC spindle, using servo motor driving with reduction gear box for performance and minimum failure.
- 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]



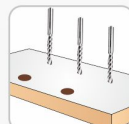
Multi Drilling

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

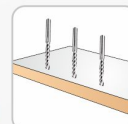


Cutting

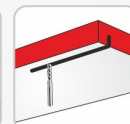
- Cutting process without moving panel.
- Load panel, start processing, no additional manipulation necessary.



Hardware fitting holes for further process.



Top Drilling



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.

PROUDLY 
MADE IN INDIA 



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



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

CNC ROUTER UCR 1325C



Shree Umiya F-Tech Machines

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.



TECHNICAL SPECIFICATIONS

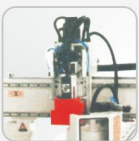
MODEL	UCR 1325C
X, Y working area	1300 x 2500mm
Z working area	300mm
Table size	1440 x 3500mm
Lathe structure	Rack and pinion
Max. Idling speed	40m/min
Spindle	6 kw
Spindle speed	0-24000r/min
Working mode	Servo
Command	G code, HPGL, U00
Diameter of cutter	3.175 - 25.4 mm
Cooling mode	Air cooling
Dust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

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, Uoo. 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



8kw HSD
Spindle ISO 30



LNC Control
System

SALIENT FEATURES

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

VACUUM PRESS UVP 1010

Maximum production output with excellent cutting of multiple panels



SALIENT FEATURES

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

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



HEATER SYSTEM FOR UNIFORM HEATING



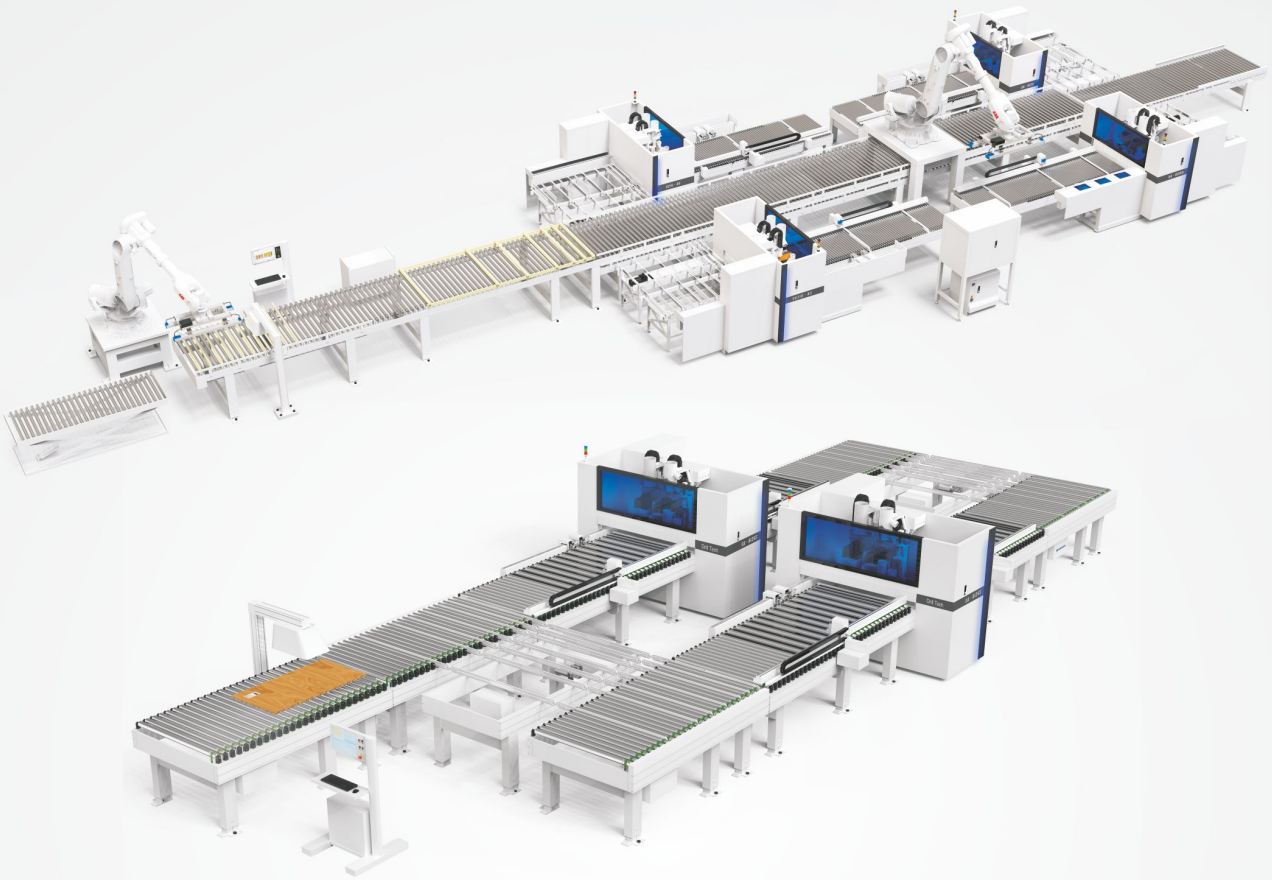
SMART VACUUM PUMP

AUTOMATIC INTEGRATED CNC BORING LINE



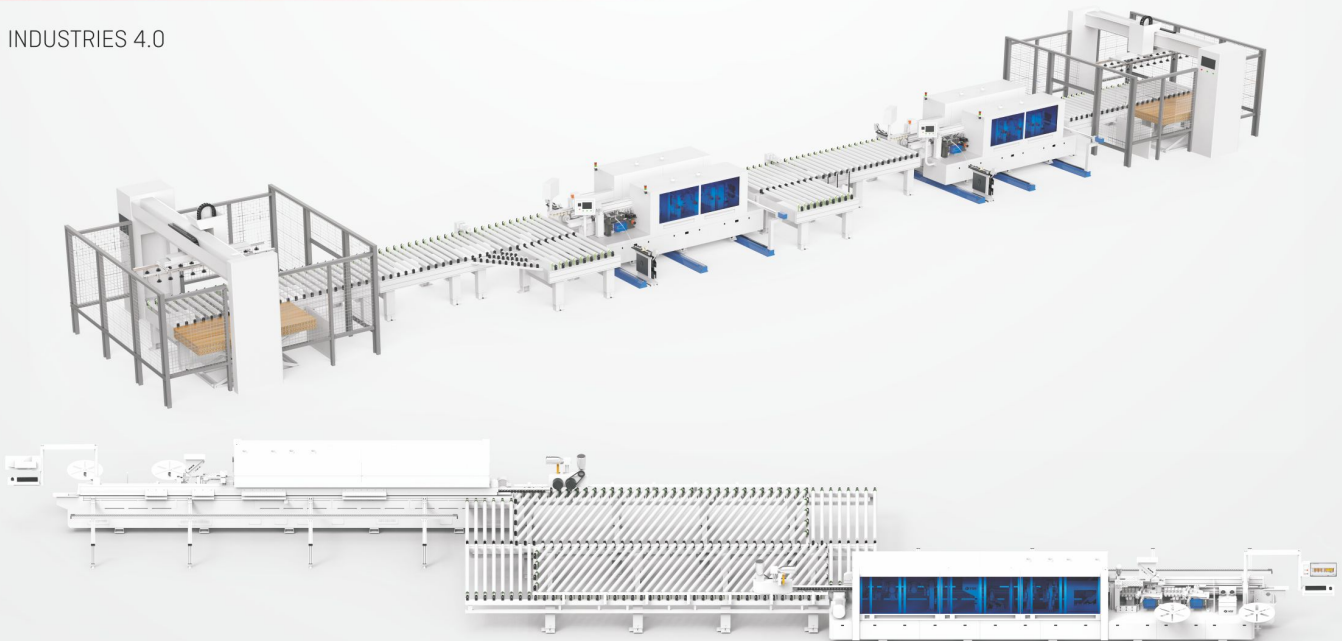
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INDUSTRIES 4.0



AUTOMATIC INTEGRATED EDGE BANDING LINE

INDUSTRIES 4.0





Umaboy[®]

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