



*Consistency and
Expertise with Evaluation*

Umaboy[®]

SHREE UMIYA F-TECH MACHINES

Muki Machinery
LIMITED



SHREE UMIYA F-TECH MACHINES



INNOVATIVE SOLUTIONS FOR WOODWORKING INDUSTRY

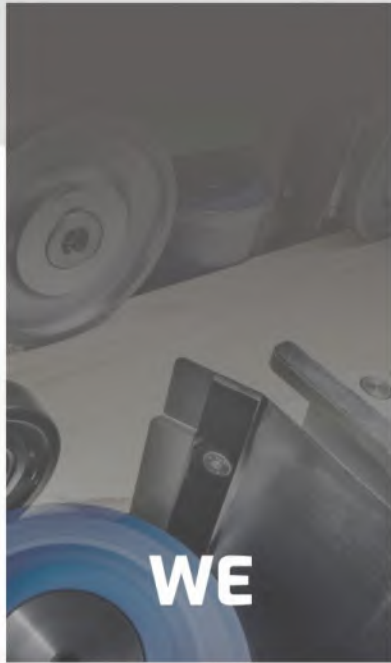
Performance, Accuracy, Flexibility, Optimal Accessibility and Processing, best describe the performance that you can expect from our woodworking machinery.

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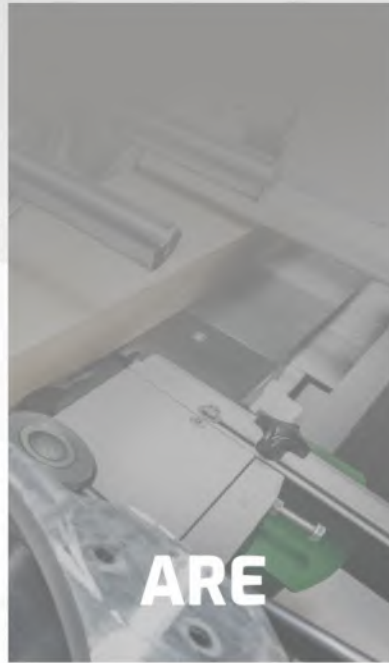
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• Anything regarding products are subject to Ahmedabad jurisdiction only.



WHO



WE



ARE

WELCOME TO UMABOY GROUP

WE ARE YOUR WOODWORKING
MACHINE PROFESSIONAL FOR INDUSTRY.

Woodworking machines from the
UMABOY GROUP are the result of the
35 Years Experience in Machine Creation with
3 Production Plants & 1 Showroom
at **Ahmedabad Headquarter.**

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.

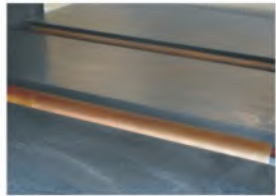
TQM

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.



Thickness Planner

Standard Accessories
Cutter Head, 3HP Motor, toolkit.



Infeed Support Roll

2 adjustable rollers on the thickening table to grant safe pulling even under the worst working conditions.



Anti Kick Back System



Claw Protection



Thickening

Model	UB3013 MM/INCH	UB3018 MM/INCH	UB3024 MM/INCH
Max. Planning width	330/13	455/18	610/24
Thickness capacity	177/7	177/7	177/7
Min. Length of work piece	12	12	12
Feeding speed (Mtr/min.)	8/10/12	8/10/12	8/10/12
Cutter block diameter	3.75	3.75	3.75
Power required	3/1440	5/1440	7/1440

With Moulding

Thickness Planner

Standard Accessories
Cutter head, 3HP Motor, toolkit.



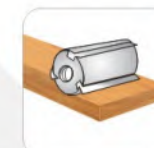
Model	Moulding MM/INCH
Moulding Table Size	432 x 190 / 17" x 7½"
Up/Down Movement of Table	76 / 3"
Cross Movement of Table	51 / 2"
Maximum Moulding Block Width	76 / 3"



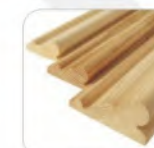
Thickness Planner

Standard Accessories: Cutter Head, 3HP Motor, toolkit.

Model	Thickness Planner			Thickness Planner Moulding		
	UB313 MM/INCH	UB318 MM/INCH	UB324 MM/INCH	UB313M MM/INCH	UB318M MM/INCH	UB324M MM/INCH
Max. Planing Width	330/13"	455/18"	610/24"	330/13"	455/18"	610/24"
Thickening Capacity	200/8"	200/8"	200/8"	200/8"	200/8"	200/8"
Length of Thickness Table	660/26"	635/25"	710/28"	660/26"	635/25"	710/28"
Min. Length of Work Piece	280/11"	280/11"	280/11"	280/11"	280/11"	280/11"
Feeding Speed (Feet Per Minute)	24	24	24	24	24	24
Cutter Block Diameter	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"
Cutter Block Speed RPM	4200	4200	4200	4200	4200	4200
Standard Cutter Block Code No.	3B	3B	3B	3B	3B	3B
Power Required - HP/RPM	3/1440	5/1440	5/1440	3/1440	5/1440	5/1440



Thickening



Moulding



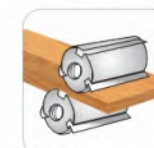
Two Side Thickness Planner

Standard Accessories : Electric motor of 3 HP & 2 HP 1440rpm (3 phase) each, R/F-Switch - 2nos, 13" & 18" planner cutter block, fitted guard, toolkit.

Model	UB3002
Max. Planing Width	330 / 13"
Max. Working Thickness	150 / 6"
Min. Working Thickness	10 / 3/8"
Min. Length of Work Piece for Thickening	305 / 12"
Feeding Speed (Feet Per Minute)	24
Top Cutter Block	18"
Bottom Cutter Block	13"
Cutter Block Diameter	95 / 3.75"
Cutter Block Speed (RPM)	4200
Standard Cutter Block Code No.	3B
Upper Roll Power Required - HP/RPM	5 / 1440
Bottom Roll Power Required - HP/RPM	3 / 1440



3 feed rollers and 2 plain rollers for better feeding of work piece. Top cutter block is 18" and bottom cutter block is 13" for better cutting experience.



Double Side Thickening

Double Side Planer Series



Heavy Cut 6pcs Spiral Cutter



Use Maintenance-free Reducer



Min. Processing Length of Short Material Guide in 150mm.



Feeding adopts frequency adjustment, it can adjust the feeding speed according to the hardness of wood.



The proximity sensor for thickness display is used to control the motor and stop by inspecting rotation circles of motor to ensure adjustment of precision.



The product is provided with imported digital display device which can be operated directly to processing thickness from operating panel with the accuracy up to 0.05mm blades. upper and lower planning motor is provided with current meter for visual observing if it is overloaded while working.



Model	UB-3024D
Max. Working Width	610mm
Max. Working Thickness	150mm
Min. Working Thickness	12mm
Min. Working Length	320mm
Cutter Knife	2x72pcs
Spindle Rotation Rate	4500r/min
Feeding Speed	7-16m/min
Top Spindle Power	11 kw
Bottom Pindle Power	7.5 kw
Feeding Motor Power	2.2 kw
Elevating Motor Power	0.37 kw
Total Power	21.07 kw
Overall Dimensions	2350x1268x1680

- The work surface is made of hard chrome plating, smooth and wear-resistant.
- The active feed rollers under the workbench ensure feeding smoothly.
- The digital input mode makes the operation simple and convenient: at the same time it adopts backup manually operated.
- The front platen of horizontal knife fitted with tracking capabilities, no matter how much the wood processing amount it is, it can ensure feeding smoothly.
- When the equipment retrofitting short material guiding device: the shortest processing length is 130mm.
- The lower level knife shaft sets an axis limit, which can prevent dislocation after blade replacement.
- The lifting system sets two trip switches to protect against stroke switch failure bashing the tool when it drops.
- When the oil pump runs out of oil, the alarm lantern will automatically prompts alarm, after refueling finished, the alarm lantern will turn off.
- Feeding adopting stepless speed and range is 5-16 m.
- The electrical protection makes the device couldn't start when it picks the wrong positive & negative, you need to exchange the correct wiring before starting.

Double Side Planer Series



Taiwan heavy cut 6pcs spiral cutter



White steel blade



Min. processing length of short material guide is 150mm.



Use maintenance-free reducer



Feeding adopts frequency adjustment, it can adjust the feeding speed according to the hardness of wood.



The products is provided with import hd digital display device, which can be operated directly to processing thickness from operating panel with the accuracy up to 0.05mm; be sides, upper and lower planning motor is provided with current meter for visual observing it, is overloaded while working.



Model	UB-3018D
Max. Working Width	450mm
Max. Working Thickness	150mm
Min. Working Thickness	12mm
Min. Working Length	320mm
Cutter Knife	2x52pcs
Spindle Rotation Rate	4500r/min
Feeding Speed	7-16m/min
Top Spindle Power	7.5kw
Bottom Spindle Power	5.5kw
Feeding Motor Power	2.2kw
Elevating Motor Power	0.37kw
Total Power	15.57kw
Overall Dimensions	2350x1268x1680

- The work surface is made of hard chrome plating, smooth and wear-resistant.
- The active feed rollers under the workbench ensure feeding smoothly.
- The digital input mode makes the operation simple and convenient: at the same time it adopts backup manually operated.
- The front platen of horizontal knife fitted with tracking capabilities, no matter how much the wood processing amount it is, it can ensure feeding smoothly.
- When the equipment retrofitting short material guiding device: the shortest processing length is 130mm.
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- Feeding adopting stepless speed and range is 5-16 m.
- The electrical protection makes the device couldn't start when it picks the wrong positive & negative, you need to exchange the correct wiring before starting.

With Circular Saw

Surface Planner

Standard Accessories
2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit.



Drilling Attachment



Surfacing



Sawing



With Circular Saw

Surface Planner

Standard Accessories
2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit.



Surfacing



Sawing



Drilling

Model	UB-209L mm/inch	UB-212L mm/inch	UB-213A mm/inch	UB-213B mm/inch	UB-213C mm/inch	UB-218B mm/inch	UB-218C mm/inch
Surfacing Capacity	228/9"	305/12"	330/13"	330/13"	330/13"	455/18"	455/18"
Length of Surface Table	1220/48"	1220/48"	1220/48"	1525/60"	1830/72"	1550/61"	1830/72"
Rebating Capacity	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"
Cutter Block Diameter	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"
Cutter Block Speed (RPM)	4200	4200	4200	4200	4200	4200	4200
Standard Cutter Block - Code No.	3B	3B	3B	3B	3B	3B	3B
Circular Saw Table Size	510X270/20"X11"	510X270/20"X11"	600x325/24"x13"	600x325/24"x13"	600x325/24"x13"	600x325/24"x13"	600x325/24"x13"
Up/Down Movement of Cir. Saw Table	75/3"	75/3"	75/3"	75/3"	75/3"	75/3"	75/3"
Max. Circular Saw Diameter	300/12"	300/12"	300/12"	300/12"	300/12"	300/12"	300/12"
Power Required - HP/RPM	2/1440	3/1440	3/1440	3/1440	3/1440	5/1440	5/1440

Heavy Pedestal

Surface Planner

Standard Accessories • 2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit.
 • L = Machine with 61" table length. • LL = Machine with 72" table length.



Surfacing



Sawing

With Circular Saw

Surface Planner

Standard Accessories • 2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit. • L = Machine with 61" table length. • LL = Machine with 72" table length.



Surfacing



Sawing



Rebating

Model	UB-213HA mm/inch	UB-213HB mm/inch	UB-213HC mm/inch	UB-218HB mm/inch	UB-218HC mm/inch
Surfacing Capacity	330/13"	330/13"	330/13"	455/18"	455/18"
Length of Surface Table	1220/48"	1525/60"	1830/72"	1550/61"	1830/72"
Rebating Capacity	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"
Cutter Block Diameter	95/3.75"	95/3.75"	95/3.75"	95/3.75"	95/3.75"
Cutter Block Speed (RPM)	4200	4200	4200	4200	4200
Standard Cutter Block - Code No.	3B	3B	3B	3B	3B
Circular Saw Table Size	600x325/23 1/2"x13"	600x325/24"x13"	600x325/24"x13"	600x325/24"x13"	600x325/24"x13"
Up/Down Movement of Cir. Saw Table	75/3"	75/3"	75/3"	75/3"	75/3"
Max. Circular Saw Diameter	300/12"	300/12"	300/12"	300/12"	300/12"
Power Required - HP/RPM	2/1440	3/1440	3/1440	5/1440	5/1440

Heavy Duty

Combined Machine

Standard Accessories : 2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit.
L = Machine with 61" table length. LL = Machine with 72" table length.



Foldable Top

Combined Machine

Standard Accessories : 2/3 planner blades fitted in cutter block, mitre gauge, motor pulley, motor fixing plate, toolkit.
L = Machine with 61" table length. LL = Machine with 72" table length.



Anti Kick Back System



Foldable Top



Surfacing



Thickening



Sawing



Rebating



Moulding



Grooving

Model	UB-513 MM/INCH	UB-513A MM/INCH	UB-518 MM/INCH	UB-518A MM/INCH	UB-524 MM/INCH	UB-513F MM/INCH	UB-515F MM/INCH	UB-518F MM/INCH
Surfacing Capacity	330/13"	330/13"	455/18"	455/18"	610/24"	330/13"	381/15"	455/18"
Max. Planning Width	330/13"	330/13"	455/18"	455/18"	610/24"	330/13"	455/15"	455/18"
Thickening Capacity	203/8"	203/8"	203/8"	203/8"	203/8"	177 / 7"	177 / 7"	177 / 7"
Length of Surface Table	1220/48"	1550/61"	1550/61"	1830/72"	1550/61"	1220/48"	1220/48"	1549/61"
Rebating Capacity	13/1/2"	13/1/2"	13/1/2"	13/1/2"	13/1/2"	12.5/1/2"	12.5/1/2"	12.5/1/2"
Length of Thickness Table	650/26"	650/26"	770/30"	770/30"	700/27"	600/23 1/2"	600/23 1/2"	600/23 1/2"
Min. Length of work piece for Thickening	305/12"	254/10"	254/10"	254/10"	254/10"	254/10"	254/10"	254/10"
Feeding Speed (Feet per minute)	24	21	21	21	24	24	24	24
Cutter Block Diameter	95/3.75"	95/3.75"	120/4.72"	120/4.72"	120 / 4.72"	95/3.75"	95/3.75"	95/3.75"
Cutter Block Speed (RPM)	4200	4200	4200	4200	4200	4200	4200	4200
Standard Cutter Block - Code No.	3B	3B	3B	3B	3B	3B	3B	3B
Circular Saw Table Size	575x320/23"x12"	575x320/23"x12"	625x325/24 1/2"x13"	625x325/25"x13"	625x325/25"x13"	550X310/22"x12"	550X310/22"x12"	550X310/22"x12"
Up/Down Movement of Cir. Saw Table	75/3"	75/3"	75/3"	75/3"	75/3"	75/3"	75/3"	75/3"
Max. Circular Saw Diameter	300/12"	300/12"	300/12"	300/12"	300/12"	300/12"	300/12"	300/12"
Power Required - HP/RPM	3/1440	3/1440	5/1440	5/1440	5/1440	3/1440	3/1440	5/1440

Model	Moulding
Moulding Table Size	280 x 150 / 11" x 6"
Up/Down Movement of Table	76 / 3"
Cross Movement of Table	51 / 2"
Maximum Moulding Block Width	40 / 1 1/2"

Standard Accessories :
Moulding Block 1 1/2" Length and spanner

Planing-Sawing Machine



Model	UB-PS 2.5
Maxi Processing Width	250mm
Max Processing Thickness	80mm
Feeding Speed	5-20m/min
Spindle Diameter	40mm
Saw Shaft Diameter	50mm
Spindle Speed	6000r/min
Saw Shaft Speed	4000r/min
Air Pressure	0.4mpa
The First Lower Shaft	5.5kw/7hp
The First Upper Shaft	7.5kw/10hp
Feeding Motor	4kw/5.5hp
Feeding Lift Motor	0.75kw/1hp
Saw Shaft Lifting Motor	0.35kw/0.5hp
Saw Spindle Motor	22kw/30hp
Total Power	40.12kw/52hp
Feeding Wheel Diameter	140mm
Dust Absorption Tube Diameter	125mm
Overall Dimensions	2900x1410x1650mm

Planing-Sawing Machine



Model	UB-PS 3.0
Maxi Processing Width	300mm
Max Processing Thickness	80mm
Feeding Speed	5-20m/min
Spindle Diameter	40mm
Saw Shaft Diameter	50mm
Spindle Speed	6000r/min
Saw Shaft Speed	4000r/min
Air Pressure	0.4mpa
The First Lower Shaft	7.5kw/10hp
The First Upper Shaft	11kw/15hp
Feeding Motor	4kw/5.5hp
Feeding Lift Motor	0.75kw/1hp
Saw Shaft Lifting Motor	0.35kw/0.5hp
Saw Spindle Motor	30kw/40hp
Total Power	53.62kw/75hp
Feeding Wheel Diameter	140mm
Dust Absorption Tube Diameter	125mm
Overall Dimensions	2900x1410x1650mm

UBFM 401

Four Side Moulder

Professional solution : wooden floors, door frames, stairs hand guard, wooden, various wood lines and the big cutting quantity processing.



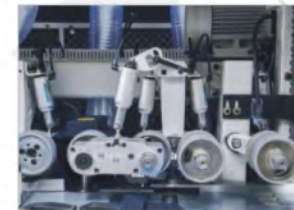
UBFM 402/403

Four Side Moulder

Professional solution : wooden floors, door frames, stairs hand guard, wooden, various wood lines and the big cutting quantity processing.



Up & down active feeding wheel, ensures feeding smoothly.



Short feeding device, ensures short material processing and feeding smoothly.

Model	UBFM 401	UBFM 402	UBFM 403
Working Width	25-200mm	25-200mm	25-200mm
Working Thickness	8-120mm	8-120mm	8-120mm
Operation Platform Length	1800mm	1800mm	1800mm
Feeding Speed	5-38m/min	5-38m/min	5-38m/min
Spindle Diameter	Ø40mm	Ø40mm	Ø40mm
Spindle Speed	6000r/min	6000r/min	6000r/min
Gas Source Pressure	0.6mpa	0.6mpa	0.6MPa
First Bottom Spindle	5.5kw/7.5hp	5.5kw/7.5hp	5.5kw/7.5HP
First Top Spindle	7.5kw/10hp	7.5kw/10hp	7.5kw/10HP
Right Side Spindle	5.5kw/7.5hp	5.5kw/7.5hp	5.5kw/7.5HP
Left Side Spindle	5.5kw/7.5hp	5.5kw/7.5hp	5.5kw/7.5HP
Top Spindle Go Up And Down	-	-	-
Left Side Spindle Go In And Out	-	-	-
Second Top Spindle	5.5kw/7.5hp	-	-
Second Bottom Spindle	5.5kw/7.5hp	5.5kw/7.5hp	-
Universal Spindle	-	-	-
Feed Beam Rise & Fal	0.75kw/1hp	0.75kw/1hp	0.75kw/1HP
Feeding	4kw/5.5hp	4kw/5.5hp	4kw/5.5HP
Total Motor Power	39.75kw	39.75kw	28.75kw
Hydraulic Feeding Motor	-	-	-
Right Side Spindle	Ø125-Ø180mm	Ø125- Ø180mm	Ø125-Ø180 mm
Left Side Spindle	Ø125-Ø180mm	Ø125- Ø180mm	Ø125-Ø180mm
First Bottom Spindle	Ø125mm	Ø125mm	Ø125mm
First Top Spindle	Ø125-Ø180mm	Ø125- Ø180mm	Ø128-Ø180mm
Second Top Spindle	Ø125-Ø180mm	-	-
Second Bottom Spindle	Ø125- Ø180mm	Ø125- Ø180mm	-
Universal Spindle	-	-	-
Feeding Wheel Diameter	Ø140mm	Ø140mm	Ø140mm
Dust Absorption Tube Diameter	Ø140mm	140mm	Ø140mm
Overall Dimensions (LxWxH)	3920x1600x1700mm	3920x1600x1700mm	3370x1600x1700mm

UBFM 404

Four Side Moulder

Professional solution : wooden floors, door frames, stairs hand guard, wooden, various wood lines and the big cutting quantity processing.



Model	UBFM 404
Working Width	15-160mm
Working Thickness	8-120mm
Operation Platform Length	1800mm
Feeding Speed	5-36m/min
Spindle Diameter	Ø40mm
Spindle Speed	6000r/min
Gas Source Pressure	0.6mpa
First Bottom Spindle	4kw/5.5hp
First Top Spindle	5.5kw/7hp
Right Side Spindle	4kw/5.5hp
Left Side Spindle	4kw/5.5hp
Top Spindle Go Up And Down	-
Left Side Spindle Go In And Out	-
Second Top Spindle	-
Second Bottom Spindle	-
Universal Spindle	-
Feed Beam Rise & Fal	0.75kw/1hp
Feeding	3kw/4hp
Total Motor Power	21.25kw/40hp
Hydraulic Feeding Motor	-
Right Side Spindle	Ø125-Ø160mm
Left Side Spindle	Ø125-Ø160mm
First Bottom Spindle	Ø125mm
First Top Spindle	Ø125-Ø160mm
Second Top Spindle	-
Second Bottom Spindle	-
Universal Spindle	-
Feeding Wheel Diameter	Ø120mm
Dust Absorption Tube Diameter	Ø125mm
Overall Dimensions (LxWxH)	3000x1500x1650mm

Processing Wood Sample Diagram



UBRS-110

Vertical Rip-Saw



Swaging lift electrically, easy to operate



Infrared and multichannel rebound, operate easily and safely

- The operation of electric lift swaging system is simple and convenient
- The main saw adopts manual lifting with positioning, it can adjust the blade according to the wood thickness.
- The cover cap of the saw equipped with sensors, when opening the cover cap, the equipment will automatically shut down to ensure safety.
- The multiple layers protection-back retaining device ensure the safety of operation personnel.
- The special design board can operate to feed left and right sides, to prevent the influence of accuracy because of the long time use,
- The multi-wheel pressure box can process the short materials,
- Feeding adopting stepless speed, the speed is 5-28 meters pre minute.
- The electrical appliances equipped with phase sequence protection, electrical appliances protection makes the device can not start when it picks the wrong positive & negative, you need to exchange the correct wiring before starting

UBRS-75

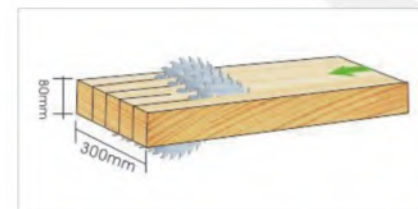
Vertical Rip-Saw



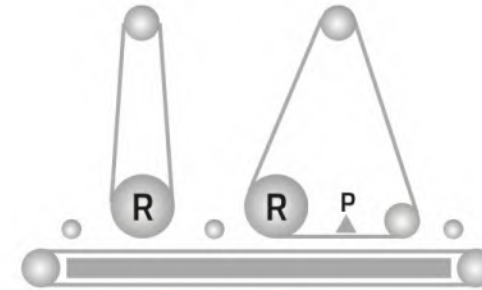
Model	UBRS-110	UBRS-75
Saw Bit Diameter	Max 455mm-Min 400mm	355mm
Max Working Thickness	110mm	75mm
Sawing Width	660mm	360mm
Spindle Speed	3000r/min	3000r/min
Spindle Diameter	Ø50.8	Ø50.8
Feeding Speed	11-26m/min	0-30m/min
Feeding Motor Power	1.5kw	1.5kw
Main Motor Power	11kw	7.5kw
Lubricant Pump Motor Power	-	-
Total Power	12.5kw	9.02kw
Operating Platform Size	2000x1160mm	1720x850mm
Overall Dimensions	2300x1800x1600mm	1850x1200x1600mm

UBRS-300

Multi Blade Rip-Saw



Model	UBRS-300
Max Working Width	300mm
Max Working Thickness	80mm
Feeding Speed	5-18mm
Saw diameter	300mm
Saw Spindle Motor Power	22kw
Saw Shaft Speed	4000r/min
Vapor Pressure Steam Source	0.5Mpa
Saw Shaft Diameter	50mm
Saw Shaft Keyway	16x5mm
Saw Shaft Speed	4000r/min
Lift Shaft Power Saw	0.37kw
Motor Transportation System	0.75kw
Total Motor Power	25.32kw
Overall Dimensions	3076x1250x1600mm

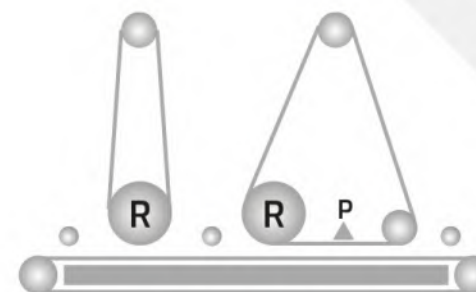


R-RP SYSTEM

Model	UBS700 (R-RP)
Max working width	700 mm
Min working length	480 mm
Working thickness	2-160 mm
Feeding speed	5-30 m/min
Abrasive best size	730x1900 mm
Total motor power	28.24 kw
Working air pressure	0.6 Mpa
Air consumption	9 m ³ /h
Volume of dust collection device	8500 m ³ /h
Overall dimensions	1363x2164x1980 mm

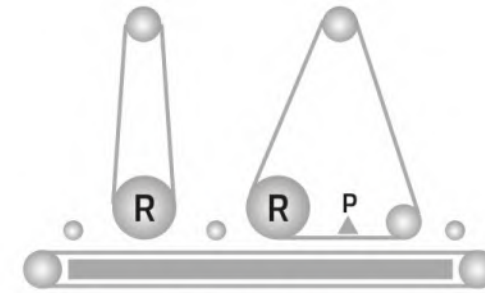
UBS1000 (R-RP)

Wide Belt Sander



R-RP SYSTEM

Model	UBS1000 (R-RP)
Max working width	1000 mm
Min working length	540 mm
Working thickness	2-160 mm
Feeding speed	5-30 m/min
Abrasive best size	1030x2200 mm
Total motor power	40.92 kw
Working air pressure	0.6 Mpa
Air consumption	12 m ³ /h
Volume of dust collection device	11800 m ³ /h
Overall dimensions	1736x2358x2190mm



R-RP SYSTEM

Model	UBS1300 (R-RP)
Contact roller diameter	240mm
Calibrating roller diameter	210mm
Working width	40-1300mm
Working thickness	2.5-150mm
Feeding speed	7-30m/min
First belt speed	24m/s
Second belt speed	18m/s
Sanding belt size	1330x2200mm
Total power	39.82kw
First belt motor	22kw
Second belt motor	15kw
Motor position	Inside
Feeding motor	2.2kw
Lift & decline motor	0.37kw
Brush motor	0.25kw
Working pressure	0.4-0.8 Mpa
Compressed air consumption	1.5CBM/min
Overall dimension	2300x2000x2120mm

PRESSURE UNITS

- Pressure units to hold the work pieces on the conveyor belt; are positioned in front and rear of each working unit; the press rollers with springs to compensate panel thickness difference.
- Pressure units are exposed on both ends, easy to adjust.

FEED SYSTEM

- Feed table is built in granite with tolerance of planarity within 0.05mm; table surface fine-grinded to avoid wear of the internal side of the feed belt; the granite feed table is never distortion.
- Conveyor belt with surface in rubber at appropriate hardness; top profile according to operation requirement. Drive unit with motor and reducer, feed speed variable in continuous from 7m/min to 30m/min.
- Feed table extension in machine front side with steel idle rollers.

1ST WORKING UNIT

- Working unit with diameter 240mm steel sanding roller complete with: sanding belt tension unit; electronic oscillation; dust hood; safety systems.
- Sanding roller with helicoidal grooves for cooling. Motor with one speed of rotation.

2ND WORKING UNIT

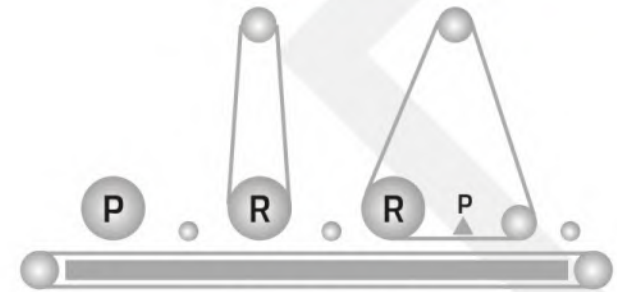
- Working unit is a combination of rubber roller and pad, with alloy rack, felt, graphite cloth complete with sanding belt tension unit; electronic oscillation; dust hood; safety systems.
- Rubber roller is diameter 210mm and hardness 85 shore. Sanding pad can be adjusted up and down easily. Motor with one speed of rotation. (Air pad is available)

OPTIONAL DEVICE

- Air jet blower for sanding belt cleaning.
- Italy Cigo conveyor belt.
- Vacuum feed table.
- Customer other's request according to the fact.

UBS1300 (PR-RP)

Wide Belt Sander



PR-RP SYSTEM



Model	UBS1300 (PR-RP)
Max Working width	1300mm
Min Working Length	540mm
Working Thickness	10-160mm
Feeding speed	5-30m/min
Abrasive Belt Size	1330x2200mm
Total motor power	78.92kw
Working Air Pressure	0.6Mpa
Air Consumption	17m ³ /h
Volume of Dust collection device	13700m ³ /h
Overall Dimensions	2020x2770x2190mm

Clamp Carrier



Model	UBCC-2510	UBCC-2514	UBCC-2520
The biggest processing length	2500mm	2500mm	2500mm
The biggest processing width	1250mm	1250mm	1250mm
No. of section	10	14	20
No. of clamps each section	6	6	8
No. of pneumatic gun	1 Set	1 Set	1 Set
The system rated pressure	0.6-0.8 Mpa	0.6-0.8 Mpa	0.6-0.8 Mpa
Rotary power	1.1kw	1.5kw	2.2kw
Packing Size	3800x2200x2200mm	3800x2200x2200mm	3800x2200x2200mm

Cold Press Clamp Carrier

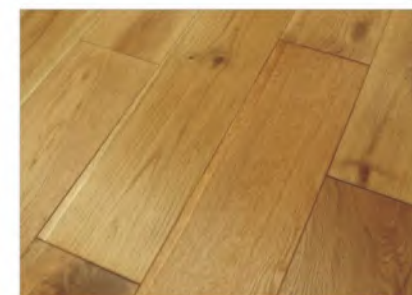


Description	Parameter
Max Working Length	2500mm
Max Working Width	1250mm
Max Working Thickness	50 mm
Total Power	3 HP (Hydraulic Power pack)
Air Required	10 Kg/cm3

Door Assembler

Double side working, Double applications

One side assemble doors and second side, as shown in above picture, process panel assembly. Thus handling multi - tasking for units that aim to manufacture various types of jobs.

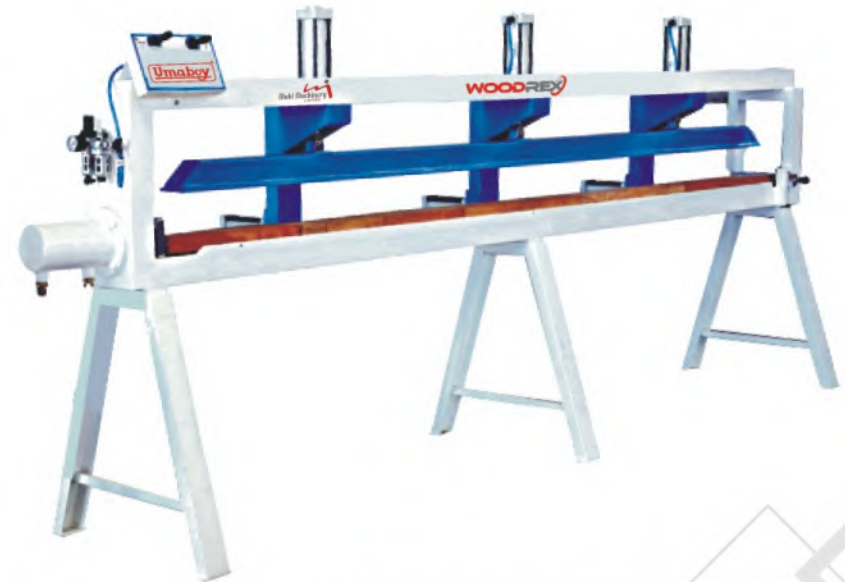


Machine with Heavy - duty Hydraulic controls. Sliding cylinders with clamps can be adjusted to various sizes of the door, within m/c size parameters. Machine can be customized to have same application on both sides for volume - based industries.

Model	Parameter
Max. working length	2500mm
Max. working width	1250mm
Max. working thickness	40mm
Power required(For Hydro power pack)	2HP
Max. working length	2150 mm
Max. working width	1050 mm

Finger Joint Machine-Auto

- Suitable for mass production
- Door frame, window frame, flush doors
- Best suitable for flush doors



FINGER JOINT SHAPER (AUTO)	Parameter
Max. working capacity	300/150
Feeding	Auto
Clamping	Pneumatic
Power required	8HP

FINGER JOINT VICE (AUTO)	Parameter
Max. working capacity	3050/150/75
Clamping	Hydro Pneumatic
Power required	1 HP for Hydraulic clamp

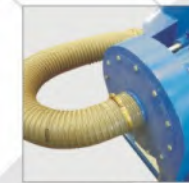
Note : Vice size can be customised as per customers requirements.



STRONG HYDRO
PNEUMATIC PRESSURE



FINGER JOINT



INTEGRATED
DUST HOOD



FINGER CUTTER

Finger Joint Machine-Auto



FINGER JOINT



FINGER CUTTER

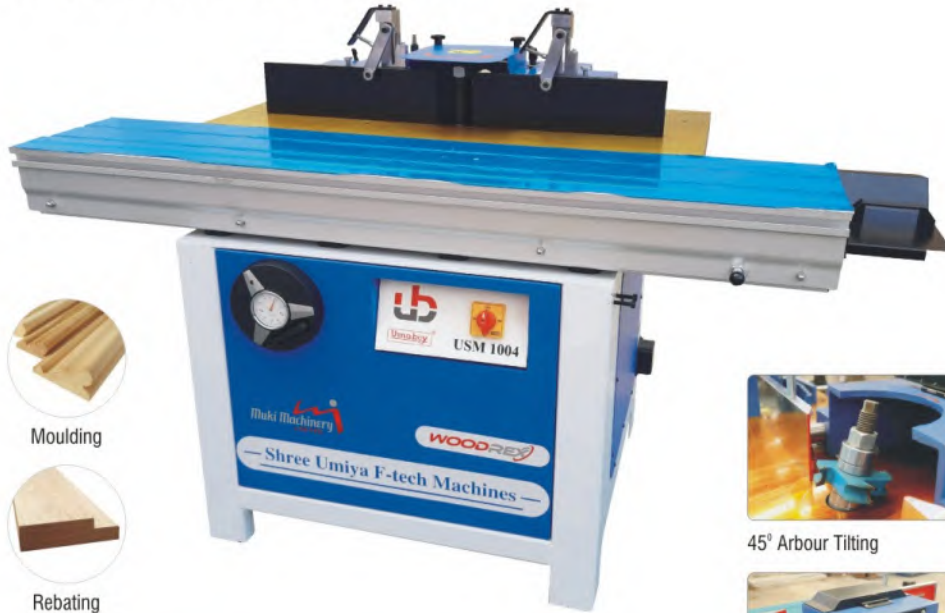
Finger Joint Shaper (manual)	Parameter
Max working capacity	200/100
Clamping and feeding	Manual
Power required	4.5 HP

Finger Joint Vice (manual)	Parameter
Max. working capacity	2500/100/50
Clamping	Manual
Power required	Nil

Heavy Duty Spindle Moulder

Standard Accessories : 01 No.-5 HP/2800 RPM Ele. motor, motor pulley, motor plate, washers set, starter, v-belt & toolkit. **Note :** Upto 10 HP 3 Ph capacity motor can be fitted on this machine.

- Arch moulding fixture with bearing guide in all models.
- Mitre guage with wood clamping facility in Model No. U-605.



Moulding



Rebating



Grooving



Arch Moulding

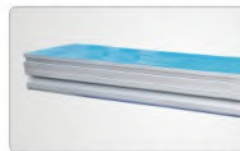
Model	USM 1004
Work table size	1050x510/43.5x20.5
Sliding table size	1295x305/51x12
Sliding table movement	1000/39
Spindle diameter	30mm
UP/DOWN movement of spindle	3"
Arbour tilt (degree)	45
Spindle speed	6000/8000
Power required	5HP/2800 RPM



45° Arbour Tilting



Fence Adjustment & Dust Hood



Smooth Aluminum Sliding Table

Spindle Moulder with Router

Standard Accessories : Moulding block 2" & 1" length, routing rip fence, motor pulley, motor fixing plate, washers set & v-belt guard, collet • 12 mm hole with 8 mm hole sleeve, sample router cutter-1 no. toolkit.



Moulding



Rebating



Grooving



Model	USM 1004A
Work Table Size	622 x 622 / 24½" x 24½"
Spindle Diameter	25.4 x 1"
Up & Down Movement of Spindle	100 / 4"
Spindle Speed (RPM)	6000 / 9000
Power Req. HP/RPM	2 / 2800

Note : The speed of 9000 RPM is advisable for routing work only.



High Speed Feeder

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.



Circular Saw with Sliding

Standard Accessories: Miter gauge, Motor Pulley, Motor rail, Saw guard & toolkit.



Model	UBCS(AL)
Max. circular saw dia	355/14
Max. dept of cut	114/4.5
Arbour tilt (degree)	45°
Work table size	900x550/35.5x 21.5
Sliding table size	1295x304/51x12
Gross cut capacity (feet)	4'L x 8'W
Width of cut between saw blade and rip fence	1220/48
Sliding table movement	1000/39
Size of dust collector port	100/4
Circular saw speed	4200 RPM
Power required (HP/ RPM)	3HP/1440 RPM



Circular Saw

Standard Accessories:

Miter gauge,
Motor Pulley,
Motor rail,
Saw guard
& toolkit.

Model	UBCS-12	UBCS-16
Max. Circular Saw Diameter	305/12	406/16
Max. Depth of Cut	89/3½"	140/5½"
Table Tilt - Degree	45	45
Work Table Size	610x810/24x32	610x810/24x32
Circular Saw Speed (RPM)	4200	4200
Power Required HP/RPM	3/1440	5/1440



Sawing

45° Table Tilting For Cross Edge Cutting

Rebating Machine Auto

Standard Accessories: 01 no. Ele. Motor of 3 HP/1440 RPM, 01 no. Ele. Motor 2HP/1440 RPM, 01 no. Ele. Motor 1HP/2800 RPM, 01 no. gear box with 0.5 HP Ele. Motor, Electrical Starter-04 Nos., Motor pulley-03 nos., Motor Plate, V-belts, extension table with support-02 nos. & toolkit.



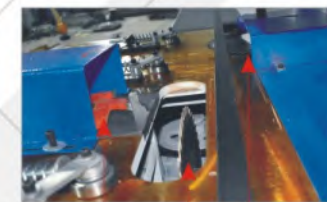
Model	UBR AUTO	UBR MANUAL
Min. Working Thickness & Width	50 & 75 / 2" & 3"	50 & 75 / 2" & 3"
Max. Working Thickness & Width	150 / 6"	150 / 6"
Max. Rebating Capacity	50 x 25 / 2" x 1"	50 x 25 / 2" x 1"
Work Table Size	1070 x 710 / 42" x 28"	1070 x 710 / 42" x 28"
Horizontal Cutter Table	25.4 / 1"	25.4 / 1"
Horizontal Circular Saw Dia. x Bore	254 x 25.4 / 10" x 1"	254 x 25.4 / 10" x 1"
Vertical Circular Saw Dia. x Bore	203 x 25.4 / 8" x 1"	203 x 25.4 / 8" x 1"
Max. Moulding Cutter Thickness	127 x 25.4 / 5" x 1"	127 x 25.4 / 5" x 1"
Feeding Speed or Workpiece (feet per minute)	12	12
Circular Saw (Both)/Moulding Speed RPM	4500 / 5600	4500 / 5600
Size of Dust Collection Port-Dia	100 / 4"	100 / 4"
Elec. Motor for Hori. & Vertical Cutter HP/RPM	3 & 2 / 1440	3 & 2 / 1440
Elec. Motor for Mould Cutter HP/RPM	1 / 2800	1 / 2800
Ele. Motor for Workpiece Feeding HP/RPM	1 / 1440	1 / 1440

Rebating Machine Manual

Standard Accessories: 01 no. Ele. Motor of 3 HP/1440 RPM, 01 no. Ele. Motor 2HP/1440 RPM, 01 no. Ele. Motor 1HP/2800 RPM, Electrical Starter-03 Nos., Motor pulley-03 nos., Motor Plate, V-belts, extension table with support-02 nos. & toolkit.



Cutter 1 Cutter 2 Cutter 3



Cutter 1 Cutter 2 Cutter 3



Rebato Mould



Rebating



Sawing



Grooving

Tenoning Machine with Sliding Table

Standard Accessories: 2 no. electric motor of 2HP/2800 RPM (3-phase), 1 no electric motor of 1 HP/2800 RPM, 2 nos. R/F switch, miter gauge, saw guard, toolkit.

Extra Accessories : 2 nos. carbide cutter blocks, Miter gauge with wood clamping facility.



Tenoning



Sawing

Model	UBTM-601
Table Size	700 x 400 / 27" x 16"
Table Movement	800/32"
Max. Length of Tenon	150 / 6"
Max. Width of Workpiece	200/8"
Top Cutter Horizontal Adjust	25/1"
Max. Circular Saw Diameter	254/10"
Max. Depth of Cut Circular Saw	50/2"
Size of Dust Collection Port-Dia.	100/4"
2 Nos. Ele. Motor-Tenoning (HP/RPM)	2/2800
Ele. Motor-Circular Saw (HP/RPM)	1/2800



TOP AND BOTTOM CUTTER
Tenon cutter for precise tenon with end cutting

Tenoning Machine

Standard Accessories: 2 no. electric motor of 2HP/2800 RPM (3-phase), miter gauge & toolkit.

Extra Accessories : 2 nos. carbide cutter blocks, Miter gauge with wood clamping facility in both model.

Model	UBTM-602
Table Size	535 x 203 / 21" x 8"
Table Movement	200/8"
Max. Length of Tenon	150 / 6"
Top Cutter Horizontal Adjust	12.5 / ½"
2 Nos. Ele. Motor-Tenoning (HP/RPM)	2 / 2800



Tenoning

Chain Mortiser

Standard Accessories: 1 no. electric motor of 2 HP/1440 RPM (3-Phase). ½" chain set, R/F switch, oil bowl, grinding wheel & V-belt fitted in grinding attachment, toolkit.



Rectangular Slot Making

Model	UB-603	UB-604
Table Size	560x255/22"x10"	457x230/18" x 9"
Up/Down Movement of Table	75 / 3"	102 / 4"
Cross Movement of Table	100 / 4"	102 / 4"
Longitudinal Movement of Table	305 / 12"	178 / 7"
Max. Depth of Cut	140 / 5½"	140 / 5½"
Power Required hp/rpm	2 / 1440	3 / 1440

Note : m/c with motor of 1.5 HP 1-phase at extra cost.

Chisel Mortiser

Standard Accessories : 1 no. electric motor of 1 HP/2800 RPM-3 phase, R/F Switch, 1/2" chisel set, drill chuck, toolkit.



Chisel Unit



Square Hole Making



Model	UB-605
Table Size	457 x 229 / 18" x 9"
Max. Chisel Capacity	6mm to 19mm
Max. Depth of Cut	90 / 3½"
Cross Movement of Table	100 / 4"
Longitudinal Movement of Table	178 / 7"
Max. Height of workpiece on Table	150 / 6"
Up/Down Movement of Table	102 / 4"
Air Pressure Required (kg/cm ²)	5 to 7
Power Required HP/RPM	1 / 2800

Note : Must use better quality chisel for good performance of machine.

Chain & Chisel Mortiser

Standard Accessories : 1 no. electric motor of 2 HP/1440 RPM (3-Phase). ½" chain set, R/F switch, oil bowl, grinding wheel & V-belt fitted in grinding attachment, toolkit.



Square Hole Making



Rectangular Slot Making



Mortiser for Lock Hole in Door



Model	UB-606
Table Size	455 x 150 / 18" x 6"
Max. Height of workpiece on table	254 / 10"
Max. Height of door or frame	1000 / 39"
Max. depth of cut-chain mortiser	140 / 5½"
Max. depth of cut-chisel mortiser	90 / 3½"
Longitudinal Movement of Table	305 / 12"
Table tilt - degree	45
Size of dust collection port - dia	100 / 4"
Air Pressure Required (kg/cm ²)	5 to 7
Electric Motor (hp/rpm)	2 / 1440

Note : • M/c with motor of 1.5 HP 1-phase at extra cost.
• Chisel attachment with extra cost available.

CNC Tenoning Machine



- Used for door, table, chair and other products
- High-precision spindle for heavy cutting.
- Double tabletops can be processed at the same time on both the left and right sides to improve the double processing efficiency

Description	Parameter
Max. quadrate tenoning size	140mm x 80mm
Max horizontal Tenon width (Single Worktable Table)	430 mm
Max horizontal Tenon width (DoubleWorktable Table)	140mm
Max Tenon thickness	80mm
Max Round tenondiameter	80mm
Cutter Spindle Rotation Table	9000 rpm
Total Power	5.5 kw
Overall Size	1780 x 1200 x 1425 mm

Double End Oscillation Mortiser



Description	Parameter
Maximum mortiser width	120+2Rmm
Max mortise depth	60mm
Working table lifter stroke	80 mm
The tilted angle of working table	±20°
Spindle RPM	9500r/min
Power required	2.2 KW

- Suit for mortising of doors, table or chairs,
- Adjustable working width
- Degree tilt working table allowing angle mortising
- Spindle assembly sliding along precisising guide rail, unsure processing quality and efficiency

UWL1515

CNC Wood Lathe



CNC wood lathe is not only used for 2D turning and broaching, but also used for 3D carving and cutting with additional spindle.

Model	UWL1515
Max Turning Length	100mm-1500mm
Max Turning Diameter	20mm-150mm
Spindle	3.5kw air cooling spindle
Number of Axis	Single axis two blade
Maximum feed rate	200cm/min
Rotation Speed	0-3000r/min
Control System	DSP
Driving System	Stepper Motor
Power Supply	AC 420V/50hz/3PH
Power Consumption	10kw
Overall Dimensions	3200x1200x1300mm

Band Saw

Standard Accessories: Upper & lower saw blade guide set, mitre gauge, motor pulley, motor fixing plate, toolkit.

Extra Accessories : Saw blade, Circular cutting attachment as standard accessories with all max models.



Sawing

Jig Saw

Standard Accessories: Motor pulley, motor rail & 5 nos. sample blade.



Model	UB-JS24 (mm/inch)	UB-JS36 (mm/inch)
Throat Depth	610/24"	915/36"
Cutting Capacity	32/1¼"	32/1¼"
Table Size	330x330/13"x13"	380x380/15"x15"
Power Req. HP/RPM	1/1440	1/1440
Approx. Weight of Machine-kg.	75	100

Trolley Cutter

Standard Accessories: Miter gauge, Motor Pulley, Motor rail, toolkit.
Extra Accessories : 5HP motor, Circular Saw

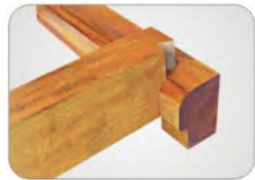


Model	UB-BS12 MM/INCH	UB-BS18 MM/INCH	UB-BS24 MM/INCH
Diameter of Saw Wheels	305 x 12"	455 x 18"	610 x 24"
Throat Depth	280 x 11"	430 x 17"	585 x 23"
Max. Cutting Capacity	150 x 6"	254 x 10"	355 x 14"
Work Table Size	355 x 380 / 14" x 15"	508 x 560 / 20" x 22"	710 x 760 / 28" x 30"
Table Tilt Degree	45	45	45
Width of Saw Wheels	38 / 1½"	50 / 2"	50 / 2"
Speed of Saw Wheels (RPM)	500 / 750	500 / 750	500 / 750
Power Required HP/RPM	1.5 / 1440	2 / 1440	5 / 1440

	UB-TC (mm/inch)
Table Size	1650x762/65x30
Work Table Size	1575x305/62x12
Saw dia.	406/16

Power required 5HP / 1440 RPM

Frame Corner Jointer-T Type



JOINT

- The machine is suitable for mass production of door frame and window frame.
- Fully automatic with pneumatic system.
- Multi section window can be produced in the same machine.
- This kind of joint takes less time than conventional tenon mortiser joint.

Model	UBFC-T
Max. frame width	6"
Max. thickness	3.5"
Total power	9.5HP
Feed system	Auto
Clamping Pressure	Pneumatic 10 Bar



Powerful Pneumatic Clamp
For Holding The Frame



Male & Female Cutter

Frame Corner Jointer - 45°



Joint

Model	UBFC-45
Max. frame width	6"
Max. thickness	75mm
Total power	13HP
Feed system	Auto
Clamping Pressure	Pneumatic 10bar



Powerful Pneumatic Clamp
For Holding The Frame

Drum Sander

Standard Accessories : 1 No. electric motor 3.0 HP/1440 RPM (3-Phase),
1 No. DC Motor 1/8 HP, Special Switch, Sanding Belt, Toolkit.

Note : • Use Dust collector with Sander m/c for superior performance.



Model	UBDS-12 MM/INCH	UBDS-25 MM/INCH	UBDS-42 MM/INCH
Max. Sanding Width	300 / 12"	635 / 25"	1065 / 42"
Sanding Drum Diameter	152 / 6"	152 / 6"	152 / 6"
Sanding Drum RPM	1600 RPM	1600 RPM	1600 RPM
Variable Speed	0-6 m/min.	0-6 m/min.	0-6 m/min.
Size of Dust Collector Port Dia.	100/4"	100/4"	100/4"
Total Power	2HP	3HP	5HP

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