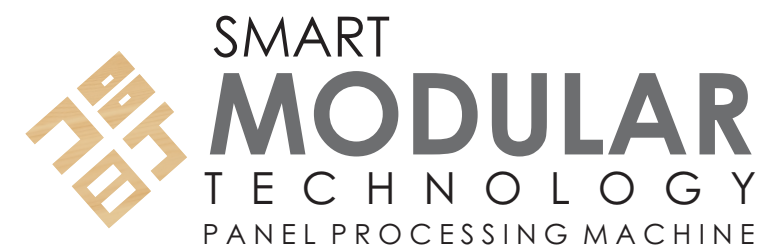


Mfg. by:
UMISONS INDUSTRIES
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e-mail : @ our **website** : info@umisons.com

UMISONS INDUSTRIES
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www.umisons.com



Panel Saw



Pneumatic Clamp (Optional) :

Pneumatic clamp allows more maneuverability in panel handling, sizing and cutting.

Model : PC + Three step allows more flexibility for handling small pieces

Model : PC Single step



Scoring saw precision lever mechanism



Powerful saw unit runs incredibly smooth as it is electronically balanced.



Digital Read Out (DRO)

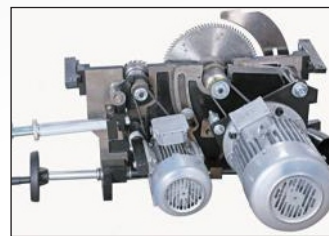


Digital Read Out (DRO-R)

Optional : DRO that displays the job length digitally . This enables a setting precision accuracy of +/- 0.1 mm.



Scoring saw precision lever mechanism



Smooth-running and powerful saw unit.

Specifications	Unit	Technical Parameters
Sliding table length	mm	3200
Sliding table width	mm	360
Max. diameter I bore - saw blade	mm	300 x 30
Max. diameter I bore - scoring blade	mm	120 x 20
Saw blade speed	rpm	4000 I 5000
Scoring blade speed	rpm	8500
Tilting of saw unit	degree	90°-45° (manual)
Motor for saw blade I scoring blade	hp	7.5 I 1
Total power - 3 Phase	hp	8.5

Cold Press - 50T



- Heavy duty platen designed to take maximum compression loads.
- Pressing platen is synchronized on rack & pinion for smooth up-down movement with eccentric rollers.



Specifications	Unit	Technical Parameters
max. load work table	ton	50
platen size	mm	2500 x 1250
max. platen opening	mm	1000
no. of hydraulic cylinders	nos	2
bore size of hydraulic cylinders	mm	125
total power - 3 phase	hp	5

Multi Broing - 2 Head

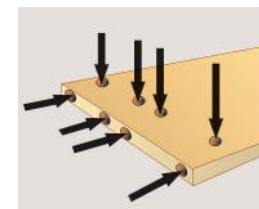


For vertical boring application. Both heads work parallel vertically



Horizontal & vertical Boring

Specifications	Unit	Technical Parameters
Max. Working Thickness	mm	70
Max. size of workpiece	mm	2000x640
no. of spindle head	nos	two
no. of spindle per head	nos	21
between 2 vertical head	mm	392/ 472
shank diameter of drill	mm	10
drilling depth	mm	0-50 drill length 70mm
elect. motor/ total power	no/ hp	2x2=4



CNC Router with Servo Motor



CNC Router with Vacuum Table
Also Available



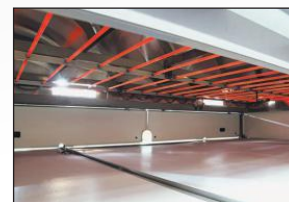
Rotary attachment (Optional)

Specifications	Unit	Technical Parameters
X-Y-Z axis working area	mm	1300 x 2500x 200
spindle type	-	air cooled
spindle power	kw	4.5
drive motors	-	servo
total power - 3 phase	hp	11.5

Note : CNC Router with different capacity spindle available

Vacuum Membrane Press

For high quality membrane doors & kitchen shutters mfg.



Heating by tube heater

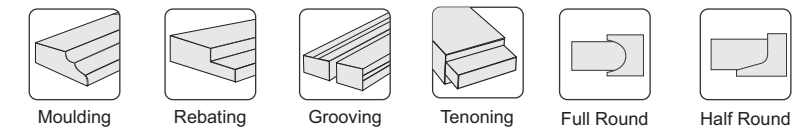


Work table with single side opening
for easy loading



Specifications	Unit	Technical Parameters
No. Of Working Tables	no	1
Work Table Size (lxb)	mm	2500x1250
Max. Height Of Work Piece	mm	50
Vacuum	mpa	-0.1
Heating Load	hp	24.8
Total Power - 3phase	hp	12

Spindle Moulder



Mitre Gauge with Clamping

Specifications	Unit	Technical Parameters
sliding table length	mm	1300
sliding table width	mm	360
spindle diameter	mm	30
spindle speed	rpm	6000/ 8000
total power	hp	5
machine dimension (LXBXH)	mm	1500x1300x1200
approx. net weight	kg	400



Auto Feeder : (Optional)

Auto Feeder



Auto Feeders

Setting the available speed is a combination of motor speed (Pole change by switch, R/F) & gear setting.

• 1 HP 3 phase motor

For auto feeding of workpiece with safety improves production, reduce cost and better finishing with accuracy

Edge Bander



- Most popular Edge Bander machine for straight and curved panels.
- You can pre-define the length of edge banding tape as per workpiece.
- Gluing, pasting & cutting the edge is done automatically

Specifications	Unit	Technical Parameters
Table size (L x B)	mm	1150 x 900
Minimum work piece length	mm	280
Work piece thickness range		
-Inclined 45° Edge	mm	n/a
- Full Straight Edge	mm	10 - 50
Banding thickness		
- Inclined 45° Edge	mm	n/a
-Full Straight Edge Min	mm	0.4 - 2.0
- Radius for curved edging	mm	20
Glue pot capacity	kg	3
Feed speed	m / min	4 to 12
Front table tilt angle	degree	0° to 45°
Maximum setting temperature	°C	180°
Compressed air requirement	hp / kg / cm ²	0.5 / 5.7
45° Tape groove motor	kw	n/a
Power supply	voltage / Ø	415V, 3Ø
Total power	hp	2.5
Machine dimension (L x B x H)	mm	1850 x 1000 x 1040
Approx. net weight	kg	280

Note : J-3000.in Single phase machine available on request



Pneumatic cutting device



Hylum surface working table with 45° tilt



Gluing & bonding system

Wood Joint Machinery



FINGER JOINT



FINGER SHAPING MACHINE



FINGER PRESSING VISE



PANEL ASSEMBLER



DUST COLLECTOR

UI-DC 21 1 Bag Model



UI-DC 32 2 Bag Model



UI-DC74 4 Bag Model

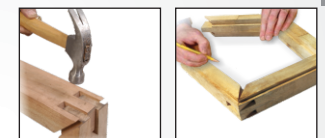


A useful yet low-cost solution of tackling saw dust in your workshop. Manufacturing any size, any requirement to suit your plan/project. Technically Superior Operationally Economical Dynamically balanced impellers Swivel wheels for easy movements

FRAME MASTER PACKAGE



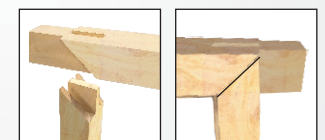
FRAME CORNER JOINTER



90° JOINT



FRAME CORNER JOINTER Traditional Door & Window Frame Maker



REBATING MACHINE AUTO

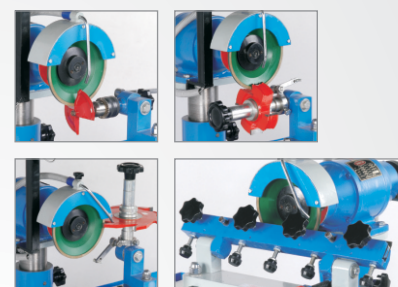


This is how it does 3 processes in single pass
1. The first saw cuts one side of rebate
2. The molem cutter moulds the design
3. The second saw cuts the second side of rebate.

TOOL AND CUTTER GRINDER



Function for Multi Grinder



PLANO WIDE BELT SANDER



Replaceable Knives Planing Roll gives Precise Planing & Sanding Belt for superior finishing.