



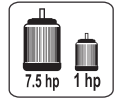
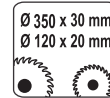
**FORAM**  
**ENGINEERING WORKS**

**WOOD WORKING  
MACHINES**

CUTTING - DRILLING - EDGE BANDING - PROFILING

# FEW - 3200A

## AUTOMATIC PANEL SAW



European Saw  
Guard & Dust Hood

**10 YEAR**  
SLIDING TABLE  
WARRANTY



### SALIENT FEATURES

- ✦ Improved internal structure, ensure stable and precision working environment.
- ✦ Aluminum sliding table with round stick rail, ensure smooth running Accurate and solid rip fence with fine adjustment function.
- ✦ Massive, adjustable Euro-type saw blade protection extraction hood.
- ✦ Saw blade chamber titable (90"-45") with digital read out as well as height adjustable.
- ✦ Heavy duty precision sliding table with linear bearing developed with advance technology with multi chamber system for max rigidity of the double roller carriage Ripfence with fine manual adjustment can be set with pin point precision by adjusting screw Main motor given break and timing belt



Heavy Saw Unit



DRO (Optional)



Big Dust Hood  
Optional



45 Digital Display



Optional Pneumatic  
Clamp

# FEW - 3200



Sturdily Built Heavy Duty Machine That Gives Precise cut with chip free Cutting Electronic Digital Readout of Saw Unit Tilting

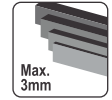
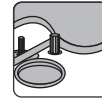
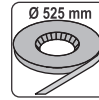
Heavy Duty ARM Support



Model No.	FEW 3200 A	FEW 3200
Machine Size	3200x2950x900 mm	3200x2950x900 mm
Sliding Table Size	3200x380 mm	3200x380 mm
Machine Net Weight	900 kgs	750 kgs
Scoring Saw blade dia	120x20 mm	120x20 mm
Scoring saw motor	1 hp	1 hp
Height of Cut	85mm	85mm
Scoring Saw RPM	8000rpm	8000rpm
Blade tilt	45°-90°	45°-90°
Main Motor	7.5 hp	7.5 hp
Main Saw Blade diameter	300 mm	300 mm
Main Saw Blade Speed	4000/6000rpm	4000/6000rpm
Blade up down	Electrical	Manualy
Blade 45 Degree Tilting	Manualy	Manualy

# FEW - 300

## MANUAL EDGE BANDER



Technical Parameter	FEW - 300
Maximum thickness of work piece	10-60 mm
Edge (tape) Thickness	0.4 to 2 mm
Glue Pot Capacity	3 kgs
Heating element	3 kw
Mechanism for tape cutting	Pneumatic (Automatic)
Control of tape cutting	Micro Switch on table foot switch
Glue can be applied	Tape & Board (Both)
Machine can be run on	VFD Speed Port
Front table adjustment minute	5mm Removable strips

### SALIENT FEATURES

- ✦ It is very strong and user friendly machine used to paste PVC Tape, Melamine tape, Paper tape, veneer, wooden strips, mica strips on the edges of prelaminated and ply board to cover the edges.
- ✦ The Pneumatic cutting device can be set to actuate the cut of band for a pre-defined length using electronic counter.

### Note :

NMT900 single Phase machine available on request

## FEW - 90

HIGH SPEED ROUTER (PNEUMATIC)



Technical Parameter	FEW - 90
Guide Pin Dia	8 mm
Shank Dia Meter	12 mm
Spindle RPM	9000/18000 RPM
Working Power Max. Tilt Angle	45°
Install Power	3 kw
Working Table Size	800 x 600 mm

### Application

Designed for high speed production routing getting clean, fast cuts while routing, moulding making dovetails, grooving, mortising, tenoning and rebating.

## FEW - 111

HINGE BORING

Technical Parameter	FEW - 111
Max. Working Thickness	70 mm
No. of Spindle	1
No. of Spindle Per Head	3
Shank Dia of Drill	8
Max. Drilling Depth	60 mm
Spindle RPM	2840 RPM
Electric Power	1.5 w



# FEW - 340

## SPINDLE MOULDER



Technical Parameter	FEW - 340
Table Size	1200x750 mm
Spindle Diameter	30mm
Spindle Speed up & down movement	5000/10000 RPM
Main Motor Power	5HP Optional
Extension Table	100mm
Length of Sliding Trolley	1220mm
Width of Sliding Trolley	305mm x 1220
Spindle Tilting	90° - 45°

### Salient Feature

Very User Friendly and Maintenance free Machine. It is used to make the profiles and designs on the Table Tops, Kitchen Shutters, Drawer Fronts and Various type of special furniture items and it is suitable for mass production.



Moulding



Rebating



Grooving



Tenoning



Full Round



Half Round

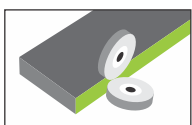
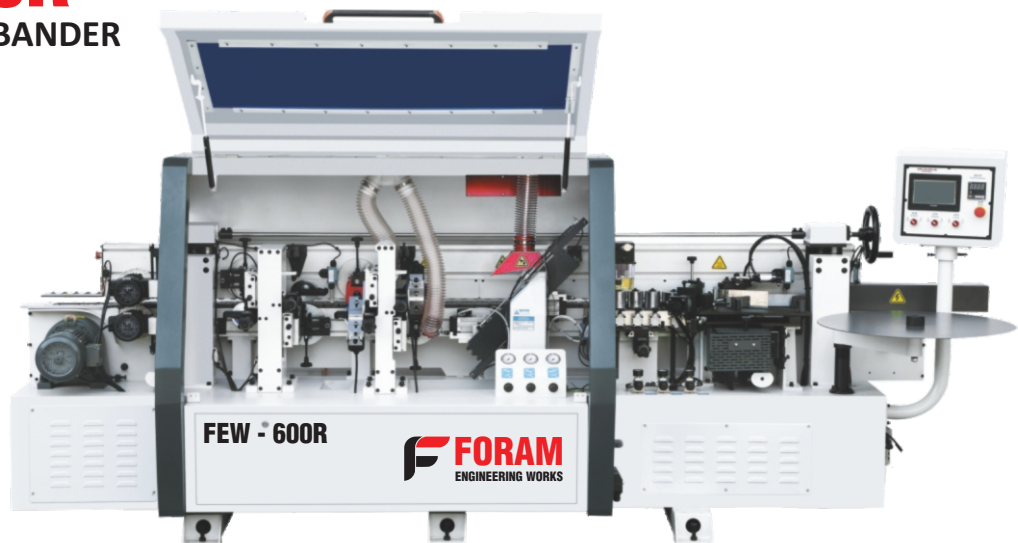
# FEW - 400

AUTOMATIC EDGE BANDER

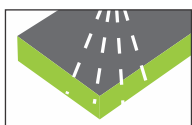


# FEW - 600R

AUTOMATIC EDGE BANDER



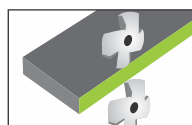
Buffing



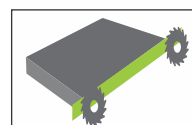
Spray Unit



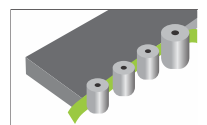
Scraping



Fine Trimming



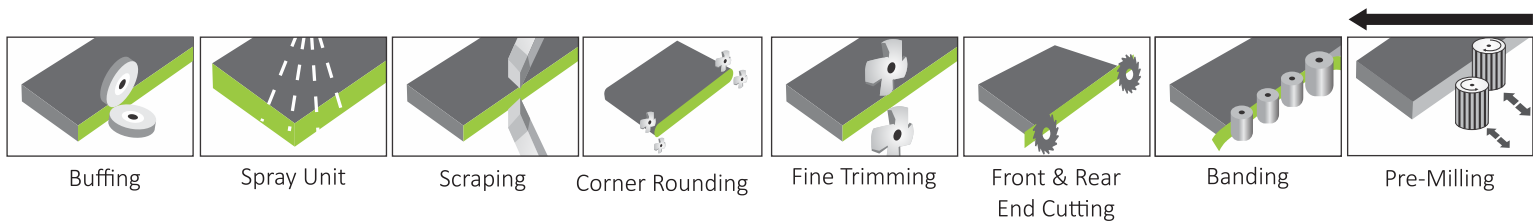
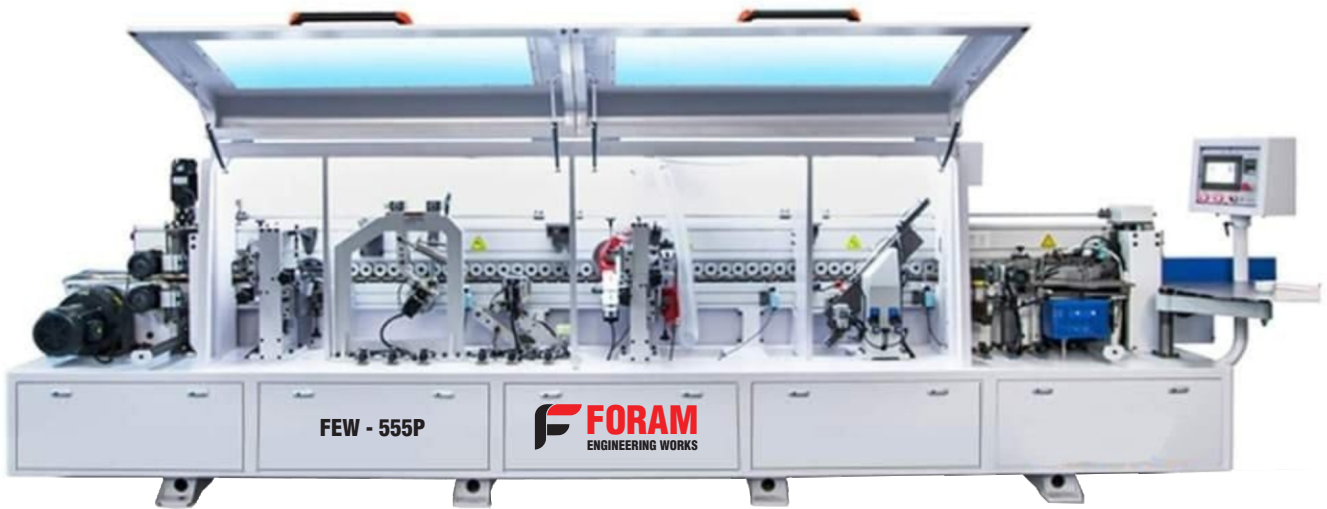
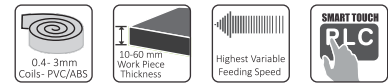
Front & Rear



Banding

# FEW - 555P

## AUTOMATIC EDGE BANDER



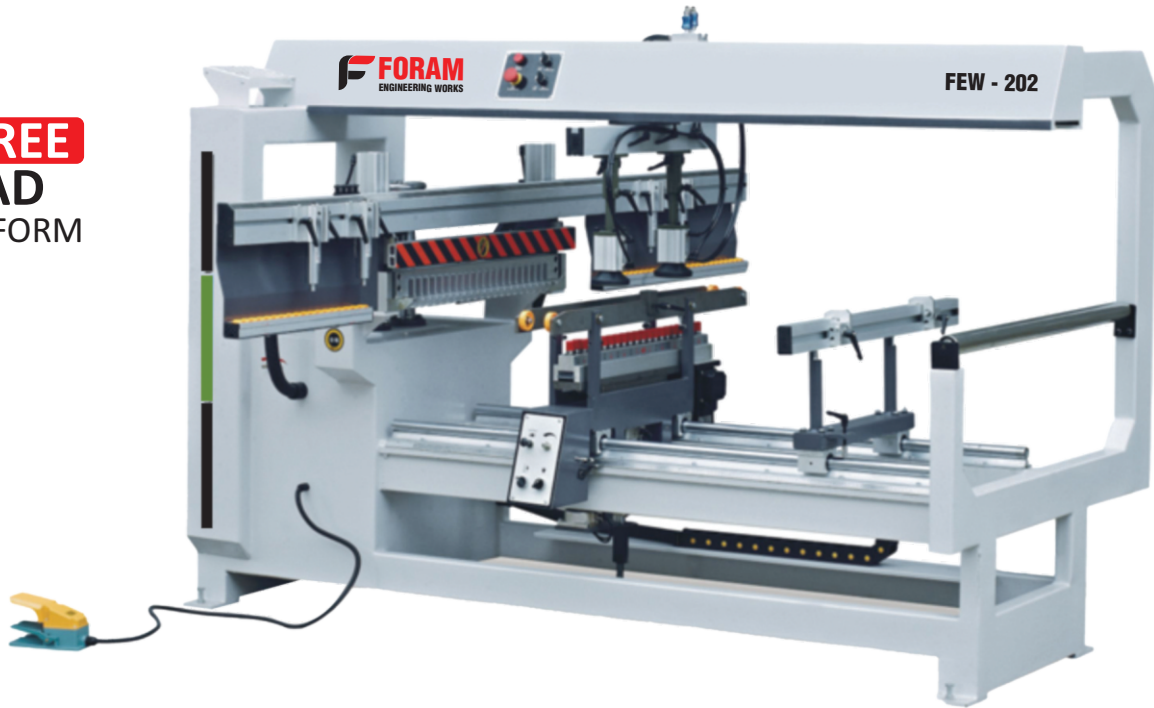
Model No.	FEW 400	FEW 600R	FEW 555P
Electrical Lift	Electrical Lift	Electrical Lift	Electrical Lift
Motor Power	11 HP	13 HP	20 HP
Machine Size L/W/H	4000 x 900 x 1600	5000 x 900 x 1600	6000 x 900 x 1600
Speed Per / M	25 Mtr. Mint	25 Mtr. / Mint	15 Mtr. / Mint
PVC Edge Thickness	0.4 - 3.00 mm	0.4 - 3.00 mm	0.4 - 3.00 mm
Workpice Thickness	10 - 60 MM	10 - 60 MM	10 - 25 MM
Workpice Length	Mlin. 120 mm	Mlin. 120 mm	Mlin. 120 mm
Workpice Width	m lin. 60 mm	m lin. 60 mm	m lin. 80 mm
working air Pressure	0.6 MPA	0.6 MPA	0.6 MPA
Beveled Edge Banding	No	NO	YES



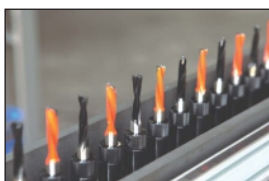
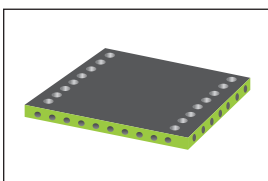
# FEW - 202

TWO ROW BORING MACHINE (3 HEAD PLATFORM)

**THREE**  
**HEAD**  
PLATFORM



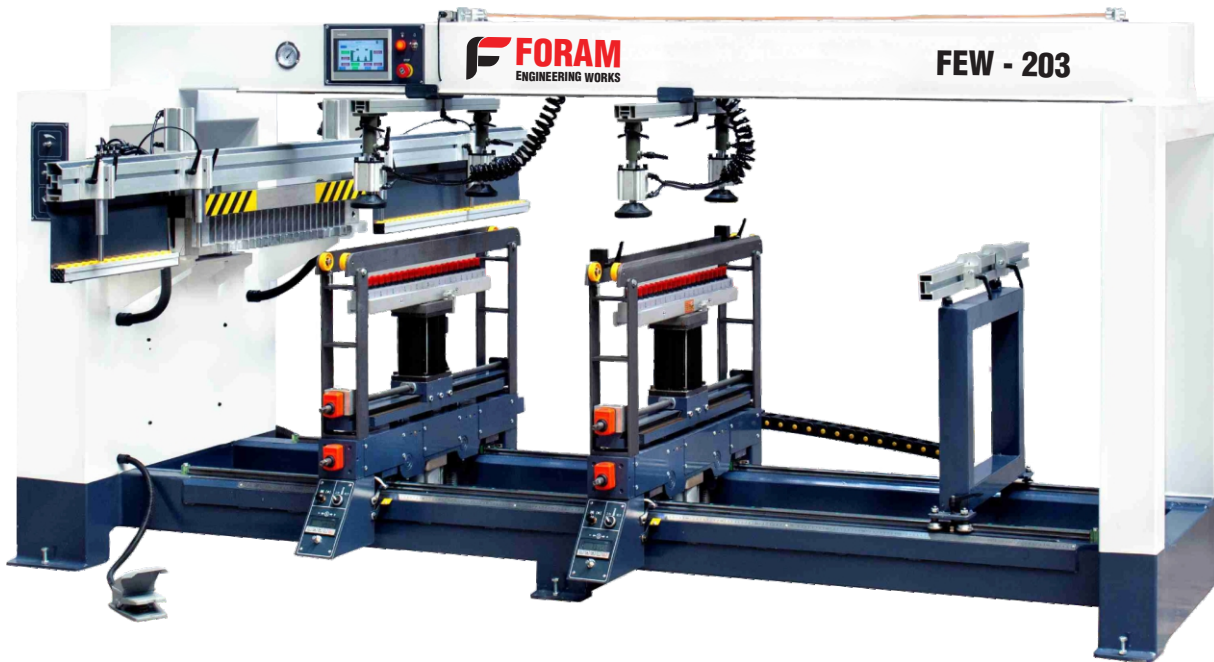
Technical Parameter	FEW 202
Max. Drilling Dai.	Ø15mm
Max. Drilling Depth	55mm
No. of Spindles	21 x 2 = 42
Distance Between Two Spindle	32 mm
Spindle Speed	2840 RPM
Total Power	1.5kw x 2
Working Pressure	0.6 MPA
Net Weight	500 kg
Overall Dimensions	1410 x 810 x 1570 mm



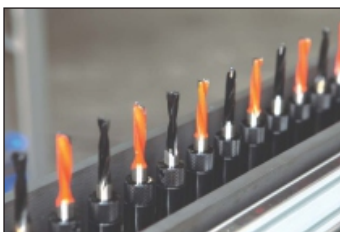
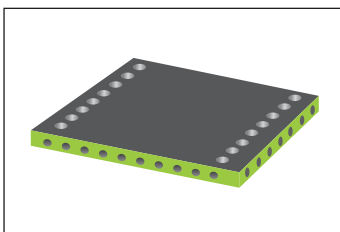
- ◆ Precise LED Display Drilling Strike is accurately displayed on digital LED display
- ◆ Smart Touch Plc for easy to operate
- ◆ Pressure clamp with sensor prevent accident

# FEW - 203

## THREE ROW BORING MACHINE



**THREE  
HEAD  
PLATFORM**



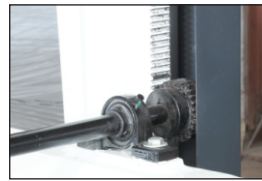
Three Row Boring Machine	NMB 3213
Minimum Drilling Diameter	Single Hole 35 mm
Minimum Drilling Depth	60 mm
Vertical Machining Holes Distance	140-1700 mm 21 axle* 3 row
Number of Auger Shaft	2800r/min
Rotation Speed	1.583kw
Motor Power	0.6-0.8 MPA
Air Pressure Maximum Working Length	2720x2500x1600 mm

- ✦ Rotation Field
- ✦ While Horizontal High Speed Drill Insure High accuracy in ply & Solid wood
- ✦ Precise LED Display Drilling strike is accurately displayed on digital LED Display
- ✦ Smart Touch PLC for easy to operate
- ✦ Pressure Clamp with sensor prevent accident

## FEW - 50T

50 TON COLD PRESS (2 CYLINDER)

**TWO**  
CYLINDER



4 Side Rack Pinion working platen insure uniform pressure increase life of cylinder



working pressure saw in Digital meter

## FEW - 100T

100 TON COLD PRESS (4 Cylinder)

**FOUR**  
CYLINDER



### APPLICATION

- ✦ M/c Suitable for pressing various type of laminations on composite wood, cork board, fiber, honeycomb board.
- ✦ Having Various Applications for furniture & boards lamination industry.

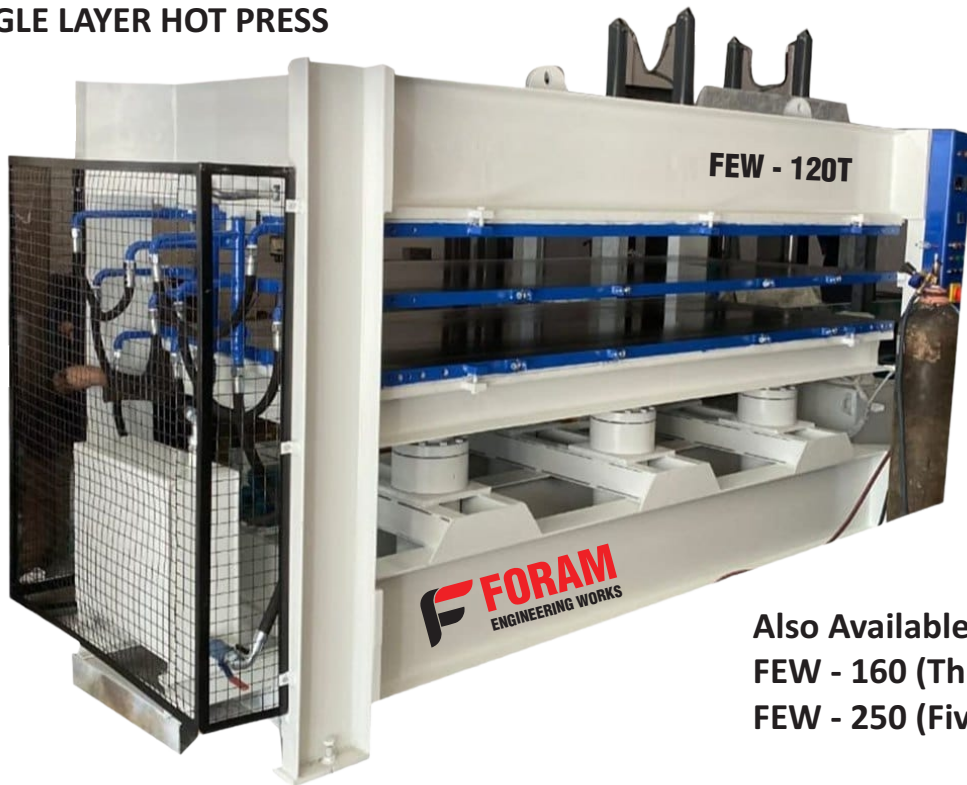
### SALIENT FEATURE

- ✦ Top and Bottom Platen designed to generated
- ✦ Handle Uniform Pressure
- ✦ Robust & heavy duty structure
- ✦ Manual and Auto system
- ✦ Motor Protection circuit breaker for motor overload protection
- ✦ Emergency Stop Arrangement

Technical Parameter	FEW 50T	FEW 100T
Maximum Load on work table	50 TON	100 Ton
Platen Size	1300 x 2500 mm	1300 x 2500 mm
Max. Platen Opening	1000 mm	1000 mm
No. of Hydraulic Cylinder	2	4
Bore Size of Hydraulic Cylinder	125 mm	125 mm
Installed Power	5 Hp	5 Hp

# FEW - 120T

## SINGLE LAYER HOT PRESS



Also Available :

- FEW - 160 (Three Layer 160 Ton Pressure)
- FEW - 250 (Five Layer 250 TON Pressure)

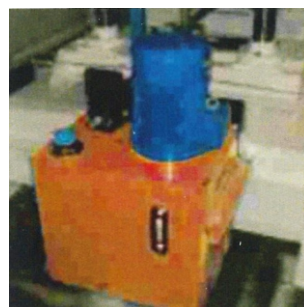
### APPLICATION

- ✦ Suitable for pressing & laminating on fiber boards, decorative papers, play board & other lamination sheets.
- ✦ Can be used for particle / MDF / HDF board.

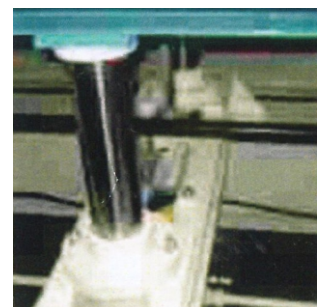
### SALIENT FEATURE

- ✦ The Platen of the press are of solid plate duly hardened and ground
- ✦ The heating medium is thermic fluid oil ensuring even and stable heating of the platen throughout its surfaces.
- ✦ Rigid construction to take care of thermal distortion.

Technical Parameter	FEW 120T
Working Table Size	1300x2500x42mm
Max. Pressure	100T
Max. Platen Opening	300mm
Oil Cylinder Dia	100mm x 6 pcs.
Hydraulic Pump Power	5.5 kw
Hot Oil Pump Power	2.2 kw
Heating Pipe Power	1x18 kw
Approx. Weight	6000 kgs.



Oil Pump





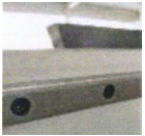

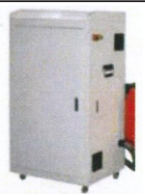





Precise Hydraulic Cylinder

# FEW - 1325

## CNC ROUTER



X Working Area	1300mm
Y Working Area	2500mm
Z Working Area	200mm
Travelling Positioning Accuracy	± 0.05mm
Repositioning Positioning Accuracy	± 0.05mm
Working Table	Vacuum Working table
Body Structure	Steel Structure
X,Y,Z Structure	German gear wheel for xy axis, Taiwan TBI ball screw for Z axis
Max. Power Consumption (without spindle)	1.84 kw
Max. Rapid Travel Rate	45000mm/min
Max. Working Speed	25000mm/min
Spindle Power Motor	6kw HQD air cooling spindle
Spindle Speed	0-18000 rpm/min
Inverter	7.5 kw X FT inverter
Command	G-code*. u00*. mmg*. plt
Working Voltage	380V 50HZ 3 phase
Control System	DSP A18
Guide Rail	20 mm Square guide rail for XYZ axis;
Oiling System	Manually oiling
Software	Ucancam V11
Control Cabinet	Independence cabinet
Packing Size (Plywood Packed)	3300*2200*1850 mm
NW / GW	1200KGS/1600KGS

6.0 kw air cooling spindle		1 Set
300 mm rotary axis		1 Set
20 mm square rail		1 Set
7.5 kw XFT Inverter		1 Set
Independence Cabinet		1 Set
Manually oiling		1 Set
Drag chain		1 Set
Limiting Sensor		1 Set
Tools		1 Set
Controller System DSP A18		1 Set

# VACUUM MEMBRANE PRESS MACHINE



Technical Parameter	Membrane Machine
Working Table	2 Nos.
Working Table Size	2500 x 1250 mm
Vacuum	-0.1 mpa
Heating	Electric Heaters
Controls	Automatic
Power	15 KW

## KEY FEATURE

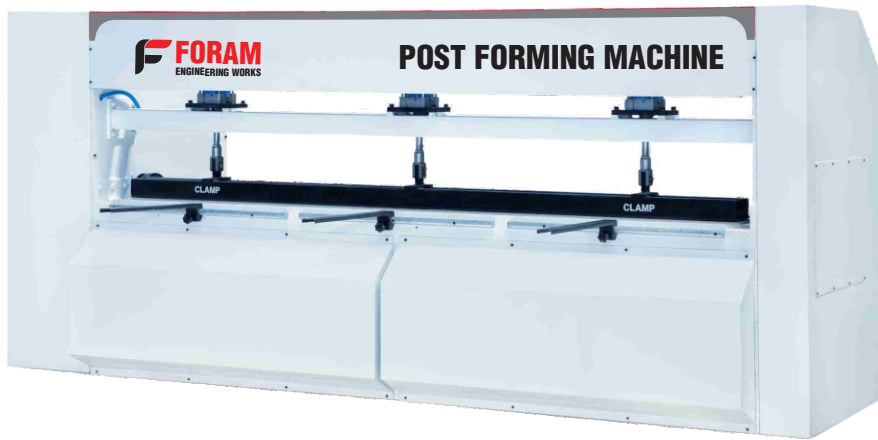
- ✦ Automatic Vacuum Control.
- ✦ Silicon Sheet for Vacuum Holding.
- ✦ Digital Temperature Display on Control Panel.

## SALIENT FEATURE

- ✦ Automatic vacuum control.
- ✦ Heavy duty & energy efficient structure design.
- ✦ Silicon sheet for vacuum holding and best quality of result.
- ✦ Centralized controlling and display system.
- ✦ Digital temperature indicator display on control panel.
- ✦ User friendly & easy to operate.
- ✦ Short pressing cycles.
- ✦ Manual feed of tray for loading.



# POST FORMING MACHINE



Description	Unit	A-240
Maximum work-piece length	mm	2440
Maximum work-piece thickness	mm	100
Maximum heater temperature	°C	180
Brake motor power	hp	0.5
Compressed air required	bar	6
Total power	hp	5
Approx weight	kg	1350

- ✦ Hard chrome coated pressure bar with heating element stabilized by 8 pneumatic cylinders.
- ✦ Work piece clamp with 3 pneumatic cylinders.
- ✦ Extra adjustable supports for wide panels.
- ✦ Manual & Automatic Modes of operation.
- ✦ Aesthetically situated user-friendly operating panel.

# DC750 / DC300

## DUST COLLECTOR

Model No.	DC750	DC300
Motor Power	3 kw	5.5 kw
Air Volume	3150m <sup>3</sup> /hr	6500m <sup>3</sup> /hr
Suction Holes Diameter	100mm x 3	100mm x 3
Bag Diameter	480 mm x 4 pcs	480 mm x 8 pcs
Weight (KG)	70 kg	130 kg
Packing Size	1400*560*530 mm	1400*560*530 mm
Motor Warranty	1 Year	1 Year





# FORAM

## ENGINEERING WORKS



### **FORAM ENGINEERING WORKS**

**Shade No.26, Grand Vishala Estate,  
Nr. Royal Hotel, Odhav Ring Road,  
Odhav, Ahmedabad-382415.**



**9510006528 | 9974320371**