



- **PANEL SAW**
- **CNC ROUTER**
- **BORING MACHINE**
- **EDGE BANDING MACHINE**
- **MEMMBRANE PRESS MACHINE**
- **DUST COLLECTOR**
- **AIR COMPRESSOR**
- **COLD PRESS**
- **HOT PRESS**



FROM ZERO TO WHOLE
ACHIEVE CORE QUALITY

Adhere to the concept of lean production and integration of industrialization and industrialization, and establish a complete production management system and quality control system. From frame processing to selection of accessories, from component assembly to operation inspection, the industrial chain is optimized in all aspects, and "quality is the primary responsibility" in each link is penetrated to ensure that the products are of assured quality throughout the process from the factory to the customer.

———— **INNOVATINO** ————
IS THE INEXHAUSTIBLE MOTIVE FOR ENTERPRISE DEVELOPMENT

VINOD ENGINEERING
Machine Manufacturers

W45 ELECTRONICAL LIFT OF MAIN SAW, TILT 0~45% SLIDING TABLE SAW



OPTIONAL



1 FENCE WITH DIGITAL DISPLAY



2 DIGITAL DISPLAY ON THE TRANSVERSE GUIDING RULER



3 SIMPLE DUST SUCKING DEVICE



4 SUPPORTING DEVICE



5 AIR PRESS UNIT



6 PRECISION DUST SUCKING



The Guide Rail Using High Chrome Steel, Which Improves Working Precision And Extends Service Life. Sliding Table Has Board-supporting More Stable . Multipoint Locking Improves Work Efficiency Greatly

Technical Data

MODEL	W45
Sliding Table Size (mm)	3200/3800
Max. Working Height (mm)	90
Max> Main Saw Blade Dia (mm)	350
Scoring Saw Blade Dia (mm)	120
Main Saw Spindle Speed (r/min)	4200/5600
Scoring Saw Spindle Speed (r/min)	8500
Main Saw Motor Power (kw)	5.5
Scoring Saw Motor Power (kw)	0.75

ELECTRONICAL LIFT OF MAIN SAW, TILT 0~45° PRECISION SLIDING TABLE SAW

HMV8D-XJ



Technical parameter

Dimension Of Sliding Table	3200 × 435mm
Gross Cut Capacity	3200mm
Width Of Cut Between Saw Blade And	1300mm
Rip Fence Saw Blade Diameter	φ 300mm (φ 250- φ
Height Of Cut	400) 80mm
Diameter of guide shaft spindle Speed	φ 55mm
Of Main Saw Spindle	3000/4000/5000rpm
Main Spindle Diameter	φ 30mm
Tilting Saw Blade	0-45°
Main Motor	5.5kw
Scoring Saw Blade Diameter	φ 120mm
Speed Of Scoring Saw Blade	8000r/min
Scoring Spindle Diameter	φ 20mm
Scoring Motor	0.75kw
Net Weight	1080kg
Overall Dimensions	3350 × 3600 × 900mm

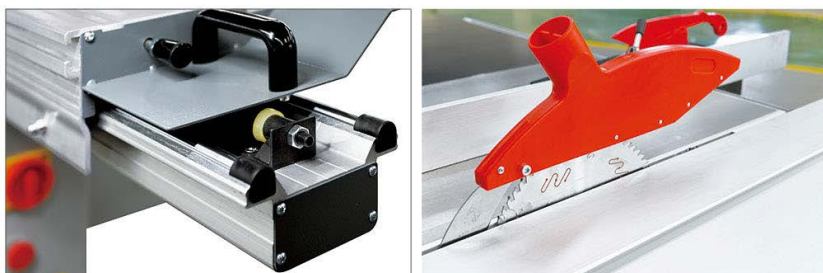
MJ6132YD



Technical parameters

Dimension Of Sliding Table	3200 × 360mm
Gross Cut Capacity	3200mm
Width Of Cut Between Saw Blade And Rip	1250mm
Fence Saw Blade Diameter	φ 300mm(φ 250- φ
Height Of Cut φ 300Mm	315) 80mm
Tilting Saw Blade	90°
Speed Of Main Saw Spindle	4000/6000rpm
Main Spindle Diameter	φ 30mm
Tilting Saw Blade	90°
Main Motor	5.5kw
Scoring Saw Blade Diameter	φ 120mm
Speeg Of Scoring Saw Blade	8000r/min
Scoring Spindle Diameter	φ 20mm
Scoring Motor	0.75kw
Net Weight	580kg
Gross weight (with wooden package)	690kg
Overall Dimensions	3300 × 3360 × 840mm

MJ6132TYBD



Technical parameters

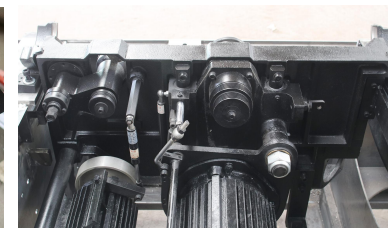
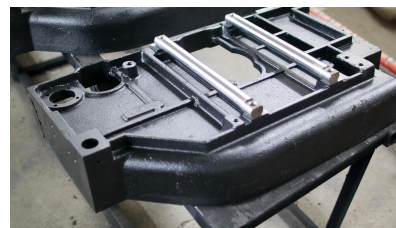
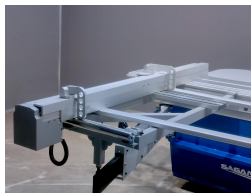
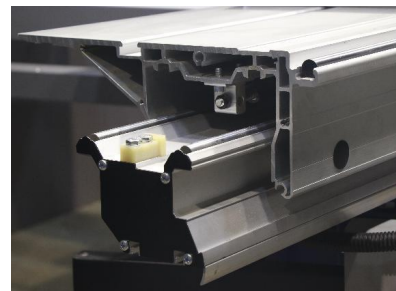
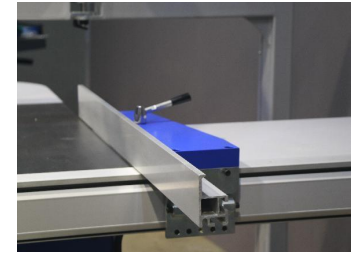
Dimension Of Sliding Table	3200 × 370mm
Gross Cut Capacity	3200mm
Width Of Cut Between Saw Blade And Rip	1250mm
Fence Saw Blade Diameter	φ 300mm(φ 250– φ 315)
Height Of Cut φ 300mm	80mm
Height Of Cut With Saw Blade 300mm At 45°	φ 55mm
Speed Of Main Saw Spindle	4000/6000rpm
Tilting Saw Blade	φ 30mm
Tilting Saw Blade	0–45°
Main Motor	5.5kw
Scoring Saw Blade Diameter	φ 120mm
Speed Of Scoring Saw Blade	8000r/min
Scoring Spindle Diameter	φ 20mm
Scoring Motor	0.75kw
Net Weight	645kg
Gross weight (with wooden package)	765kg
Overall Dimensions	3250 × 3390 × 870mm



Technical parameters

Power of ENG M280	7.25kW 380V 3 phase 50Hz or customized
Power of Main blade	5.5kW or customized
Power of scoring blade	1.5kw
Rotate speed of main blade	4000/5000rpm
Rotate speed of scoring	8200rpm
Main blade max diameter	400mm or customized
Raise of blade	Electrical
Tilting of blade	Yes
Max working length	3200mm
Max working width	2500mm
Max cutting thickness	100mm or customized
Diameter of main spindle	30mm
Diameter of scoring spindle	25.4mm
Installation size	L3600*W1950mm*H1400mm
Packing size	L3600*W1500mm*H1350mm
Weight	1300kgs

Professa T45



Technical parameters

Model	Professa T45	Engineer T45
Power supply	380V 3P 50Hz or customized	Same
Main spindle power	5.5kW 7.3HP/optional 7.5kW 10HP	5.5kW 7.3HP
Scoring spindle power	1.1kW	1.1kW
Sliding table length	3200mm/3600mm/3800mm	same
Sliding table width	430mm	same
Max cutting length	3400mm/3680mm/3950mm	same
Max cutting thickness at 90 degree	210mm	same
Max cutting thickness at 45 degree	120mm	same
Main spindle diameter	30mm	same
Scoring spindle diameter	20mm	same
Main spindle speed	4500/6000rpm Optional 1800/3000rpm	same
Scoring spindle speed	8500rpm	same
Max blade install of main saw	600mm	same
Tilting of blade	Automatic 45-90 degree	same
Raise or down of blade	Automatic 85mm range	same
Rip cutting fence	Max 1300mm width servo automatic	Same
Cross cut ruler	Fully automatic dual liner accuracy tech	Manual or optional digital display
Control interface	12inch touching windows computer	Same
Software	SAGAMAC Master cut	SAGAMAC Cut smart
Online program cutting	YES	YES
Optimized cutting	Optional	Can be customized
Printing function	Optional	Optional
Laser	Optional	Optional
Geometric cutting ruler	YES	YES
Overall size	L3600mm*W3700mm*H1800	L3600mm*W3450mm*H1800mm
Extreme Working area	L7200mm*W4700mm	L7200mm*W5100mm
Weight	1170kgs	1050kgs

W45A AUTO SLIDING TABLE SAW



Technical parameter

Dimension Of Sliding Table	3200 × 435mm 3200mm
Gross Cut Capacity	1300mm
Wide Of Cut Between Saw Blade And Rip Fence Saw	φ 300mm(φ 250- φ 400)
Blade Diameter	80mm
Height Of Cut φ 300Mm	55mm
Height Of Cut With Saw Blade 300mm At 45° Speed	3000/4000/5000rpm
Of Main Saw Spindle	φ 30mm
Main Spindle Diameter	0-45°
Tilting Saw Blade	5.5kw
Main Motor	φ 120mm
Scoring Saw Blade Diameter	8000r/min
Speeg Of Scoring Saw Blade	φ 20mm
Scoring Spindle Diameter	0.75kw
Scoring Motor	1080kg
Net Weight	3350 × 3600 × 900mm
Overall Dimensions	

W45A Fence Movement Controlled Bu Plc



Soft Touching Display Menu
Clear And Easy For Operation



fence movement are driven by servo
motor to keep high accuracy

Technical Data

	MODEL	W45
Sliding Table Size (mm)		3200/3800
Max. Working Height (mm)		90
Max> Main Saw Blade Dia (mm)		350
Scoring Saw Blade Dia (mm)		120
Main Saw Spindle Speed (r/min)		4200/5600
Scoring Saw Spindle Speed (r/min)		8500
Main Saw Motor Power (kw)		5.5
Scoring Saw Motor Power (kw)		0.75

W270 BEAM SAW



Technical Data

MODEL	W45
Max.cutting Length (mm)	2680
Max. Height Of Saw Blade (mm)	76
Diameter Of Main Saw Blade (mm)	350
Diameter Of Mainsaw Shaft (mm)	30
Rotation Speed Of Main Saw Blade (r/min)	4800
Diameter Of Scoring Saw Blade (mm)	180
Diameter Of Scoring Saw Shaft (mm)	30
Rotation Apeed Of Scoring Saw Blade (r/min)	6900

Technical Data

MODEL	W45
saw socket forward speed (m/min)	5-60
saw socket backward speed (m/min)	60
saw socket motor (kw)	2.2
saw blade moto (kW)r	11
air pressure (kg/m ²)	5-7
weight (kg)	2760
machune dimension (mm)	5320 x 3950 x 1700
packing size (mm)	5200 x 1300 x 1600

W45A
Computer Panel Sizing Saw



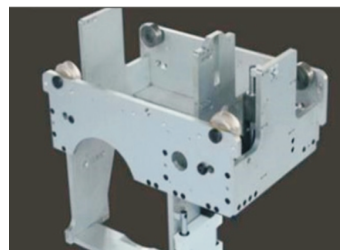
**Control Centre By Industrial Computer, Can Also Be
Equipped With Optimization Software (optional)for
Best Utilization Of Cutting Panels.**



chrome plated surface to avoid board scratching



side aligner system



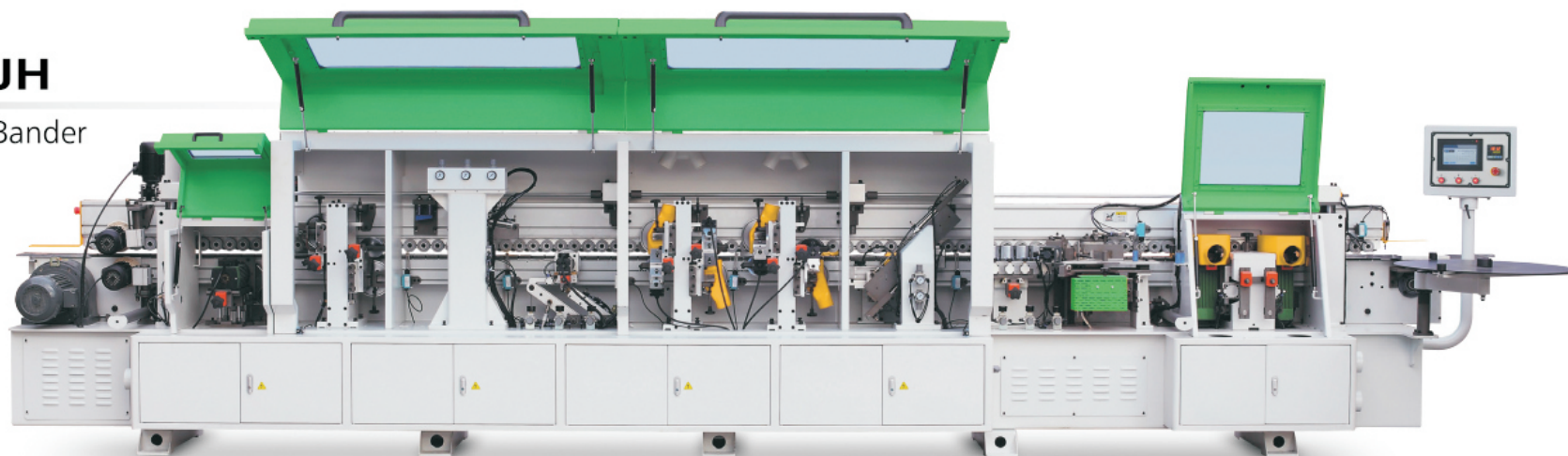
saw carrier driven by servo motor, rack & pinion, stable movement. pull back position is automatically controlled based on next cutting length. this can reduce unused moving time and greatly improve efficiency.

Technical Data

MODEL	W45	
Max. cutting length	2800 mm	3300 mm
Mechanical arm's running distance	2800 mm	3300 mm
Max. height of blade	76 mm(intelligent control)	100 mm (intelligent control)
Diameter of main saw	350 x 4.4 x 60mm	400 x 4.4 x 60 mm
Diameter of scoring saw	160 x 4.4-5.4 x 45 mm	160 x 4.4-5.4 x 45 mm
Saw socket forward speed	5-60 m/min	5-80 m/min
Saw socket backward speed	80 m/min	100 m/min
Mechanical arm's speed	0-80 m/min	0-100 m/min18 kW
Motor power of main saw shaft	11 kW2.2 kW	2.2 kW
Motor power of scoring saw shaft	Single side pressing wheels	Double side pressing wheels
Side pressing system	6 pcs	8 pcs
No. of mechanical arm	6 bar	6 bar
Air compression	150 L/min	150 L/min
Air capacity	26 m/second	26 m/second
Min. speed of dust collection	1200 Pa	1200 Pa
Negative pressure (at least)	4400 m/hour	4400 m/hour
Input air capacity for dustcollection	200 mm x 1	200 mm x 1
Diameter of dust collecting holes	150 mm x 1	150 mm x 1

EB621JH

Auto. Edge Bander



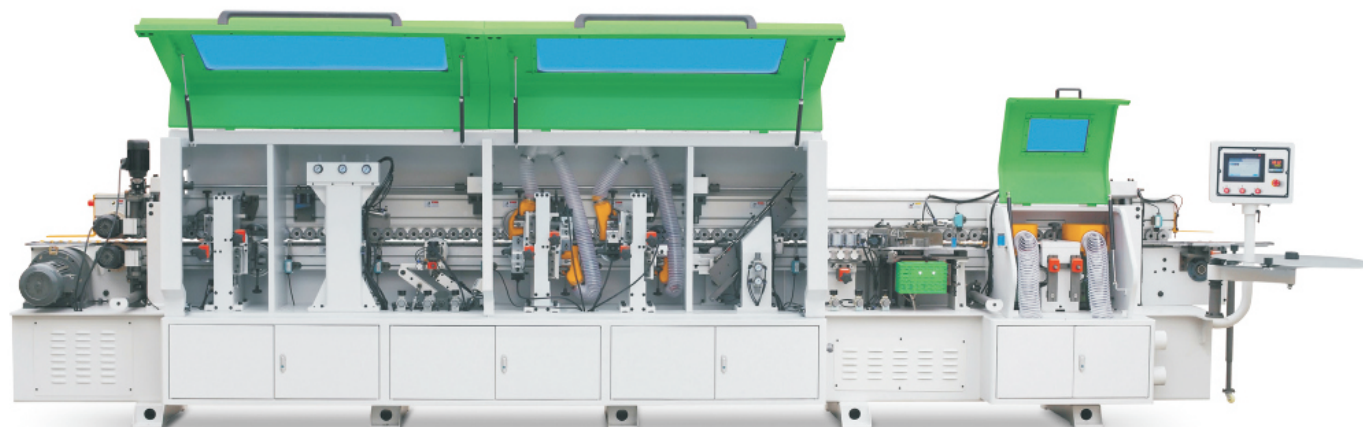
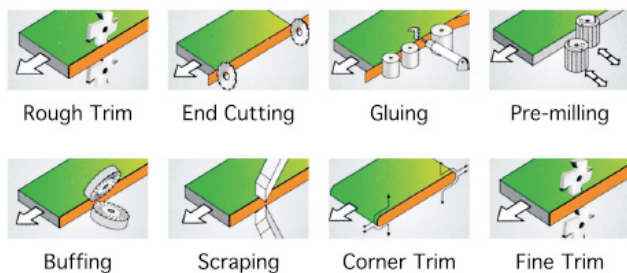
← Standard direction



EB621J

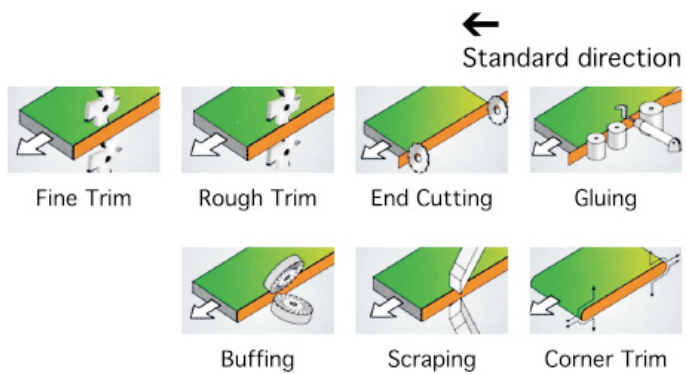
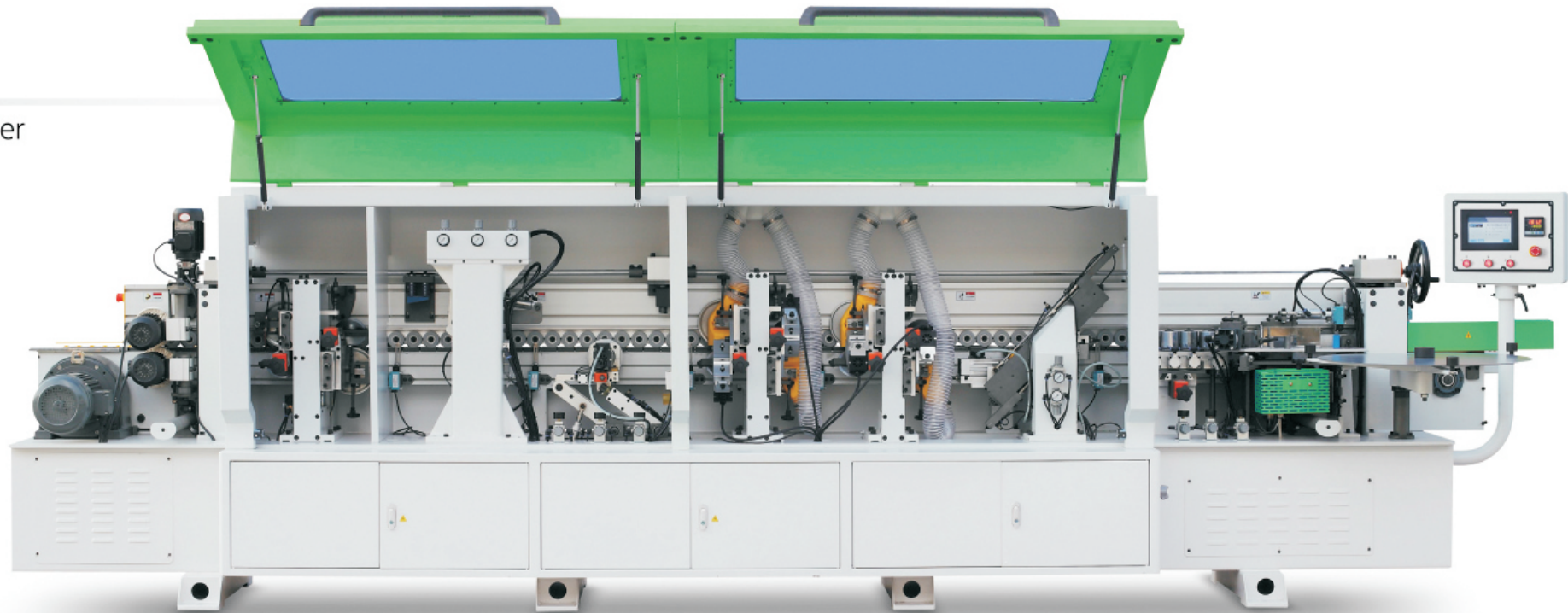
Auto. Edge Bander

← Standard direction



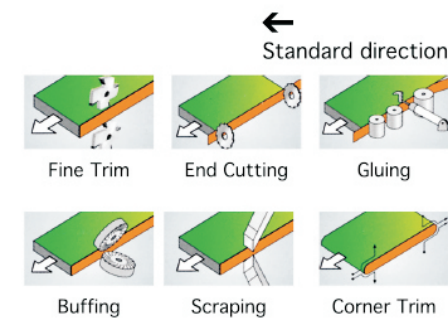
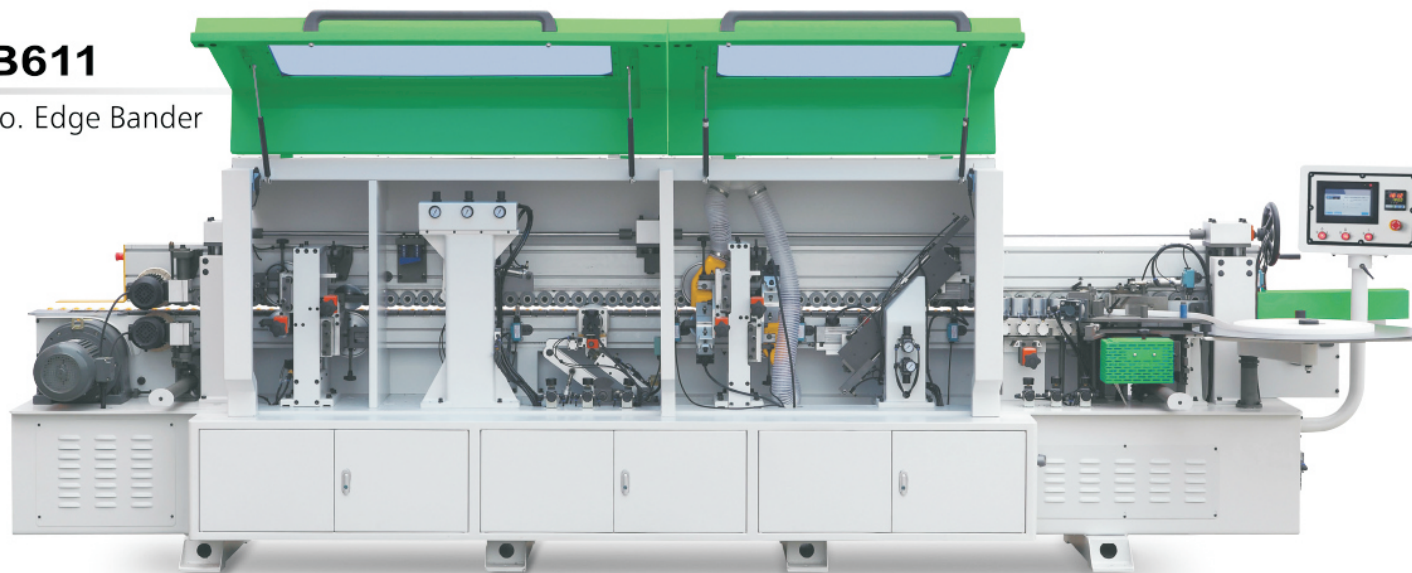
EB621

Auto. Edge Bander



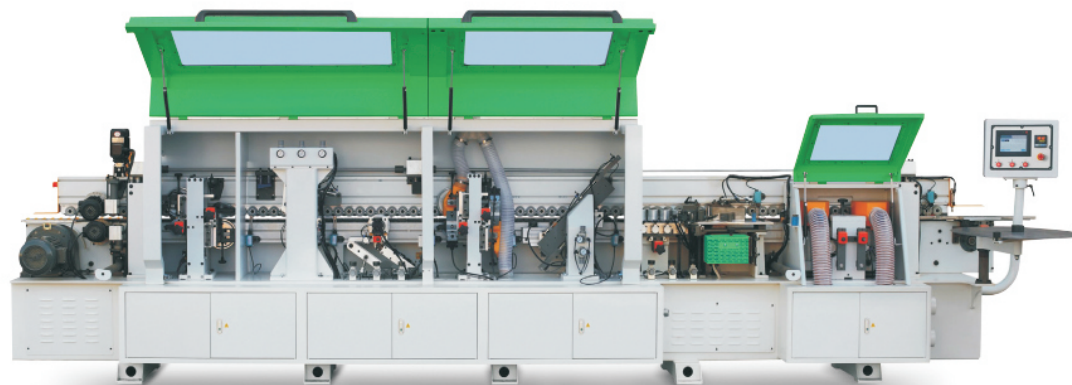
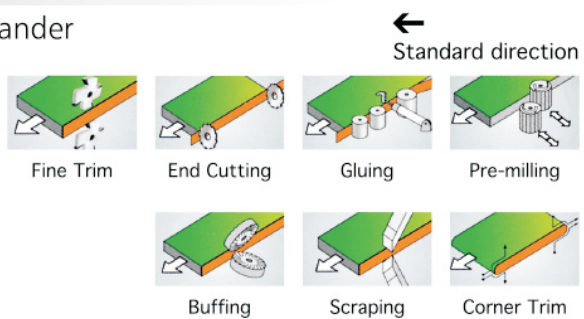
EB611

Auto. Edge Bander



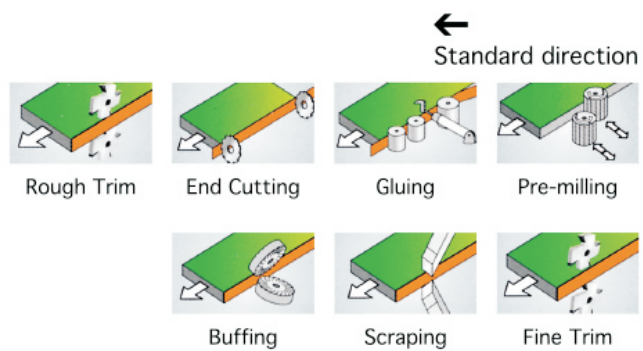
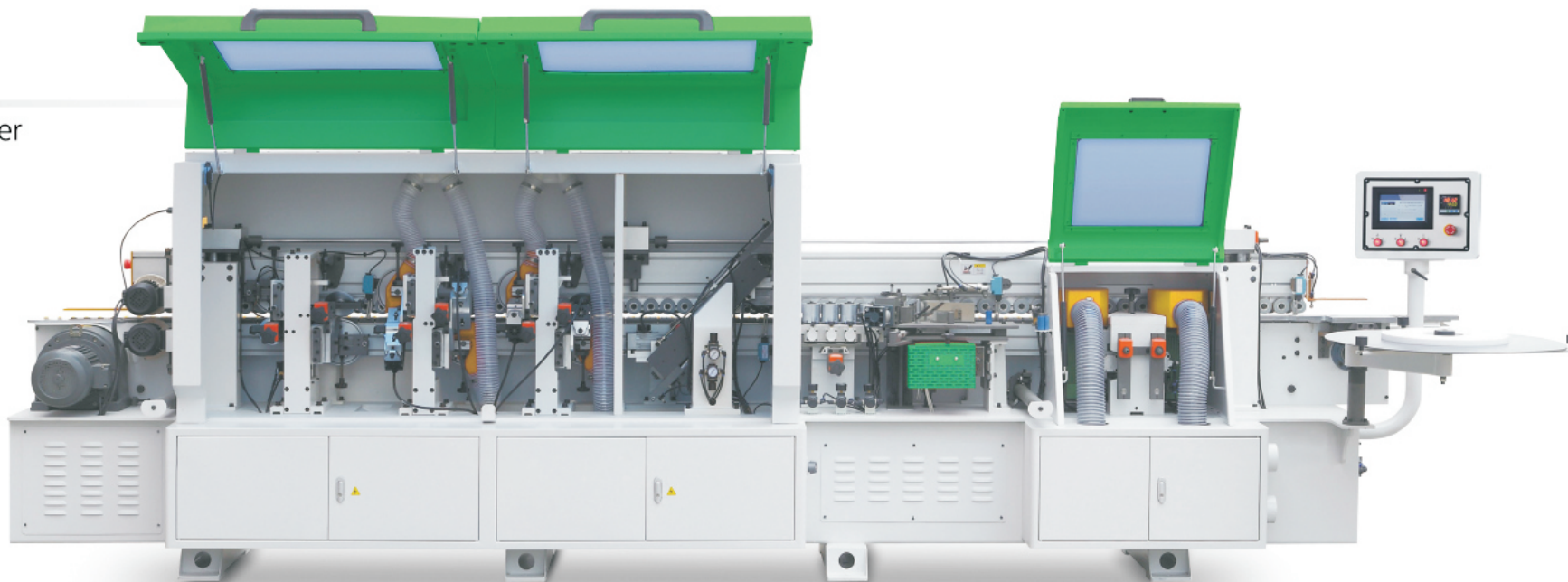
EB611J

Auto. Edge Bander



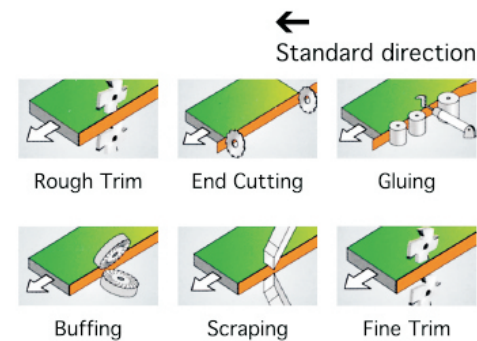
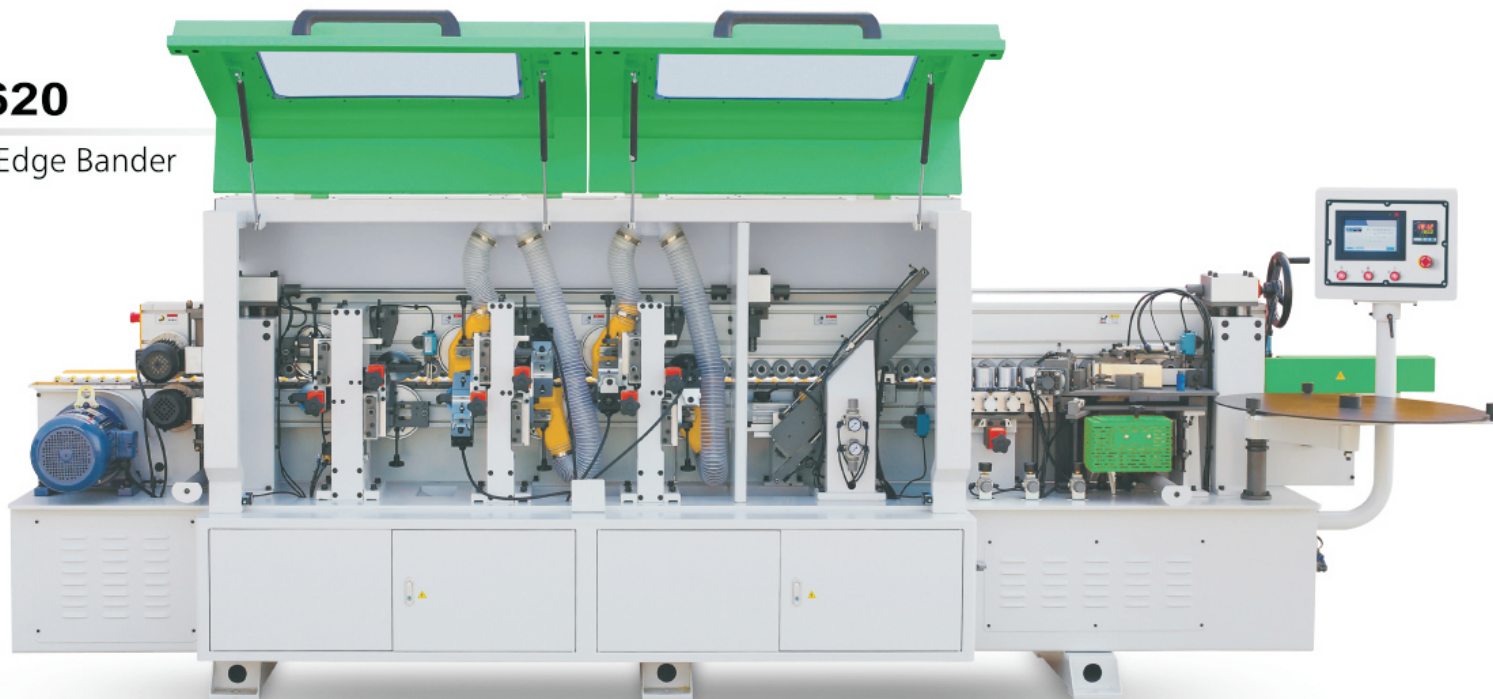
EB620J

Auto. Edge Bander



EB620

Auto. Edge Bander

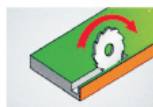


Optional for Auto. Edge Bander

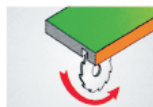
Hogging / Grooving

Up or down (vertical)
Horizontal
Optional & Out
Can have multiple units in row

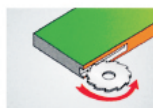
Three Choices Available



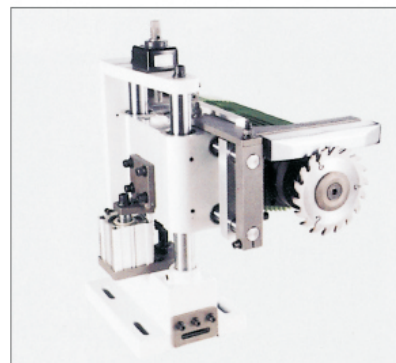
Horizontal
Hogging(L)



Top Hogging(T)

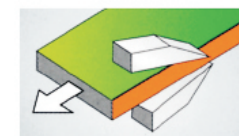


Bottom
Hogging(H)



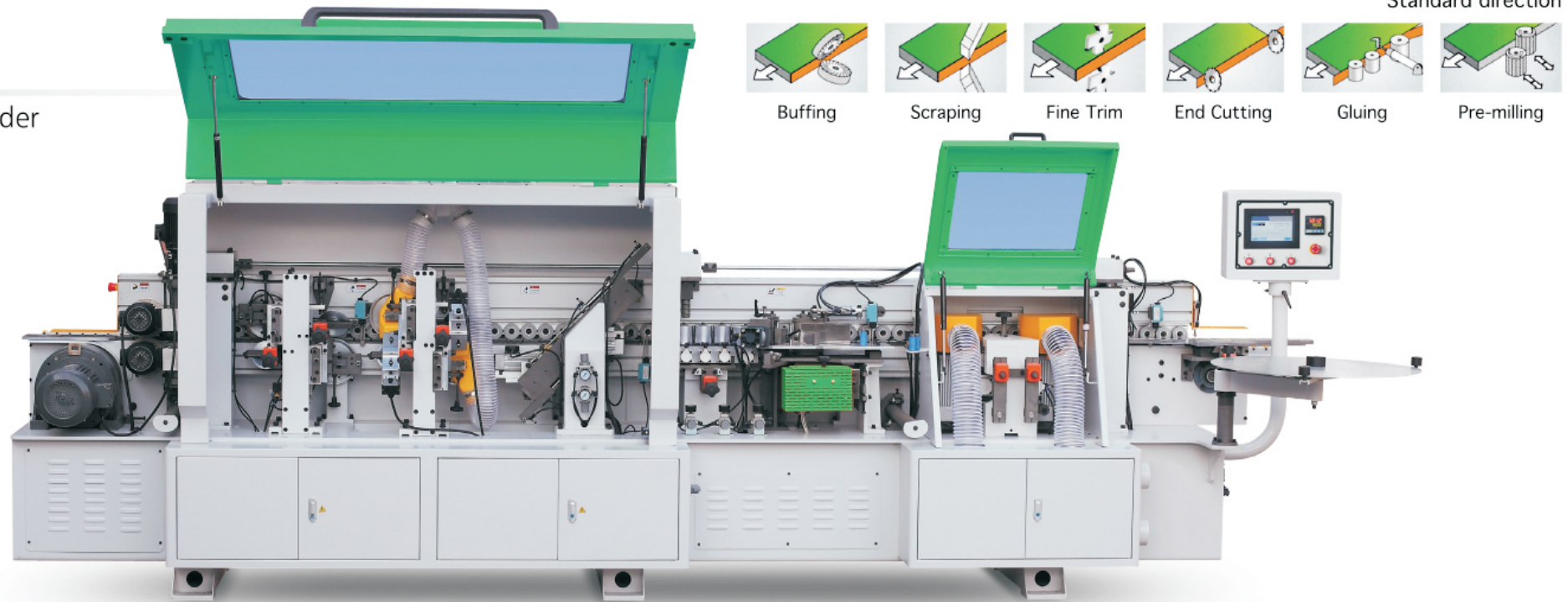
Flat Scraping

Remove glue threads
Seamless tape attached
Available as option "s"



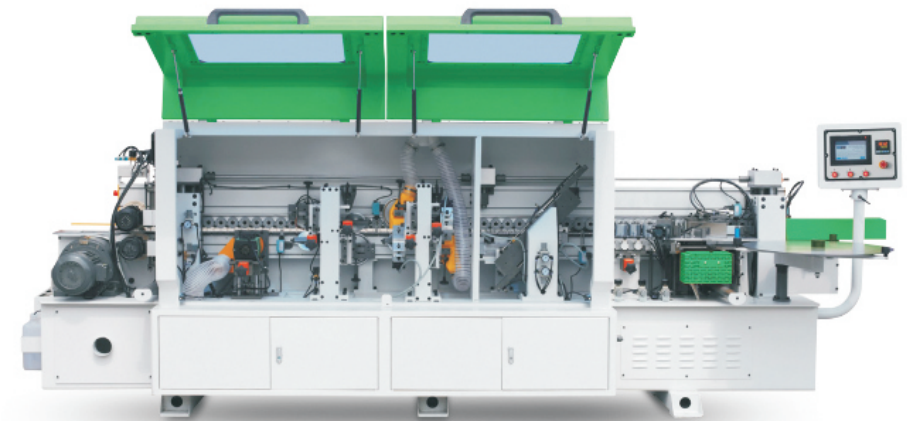
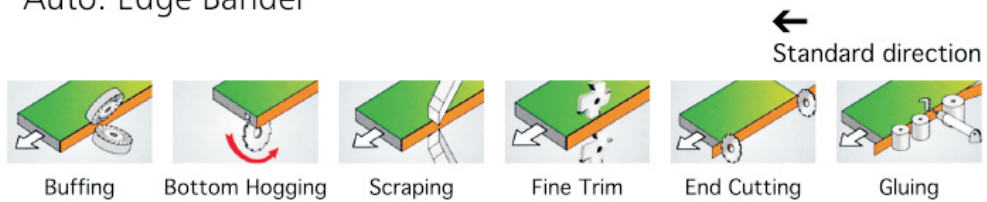
EB610J

Auto. Edge Bander



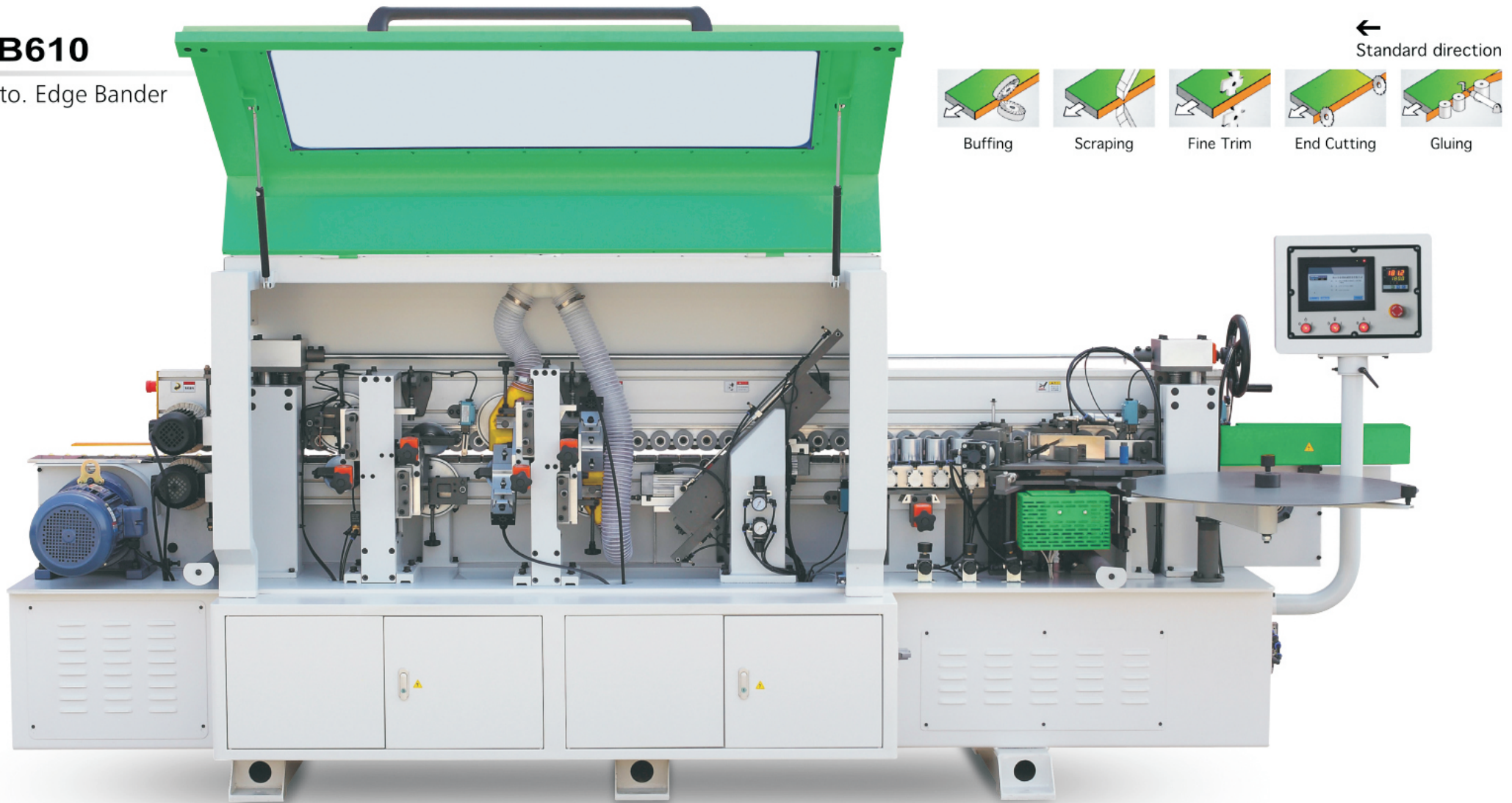
EB610H

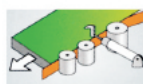
Auto. Edge Bander



EB610

Auto. Edge Bander





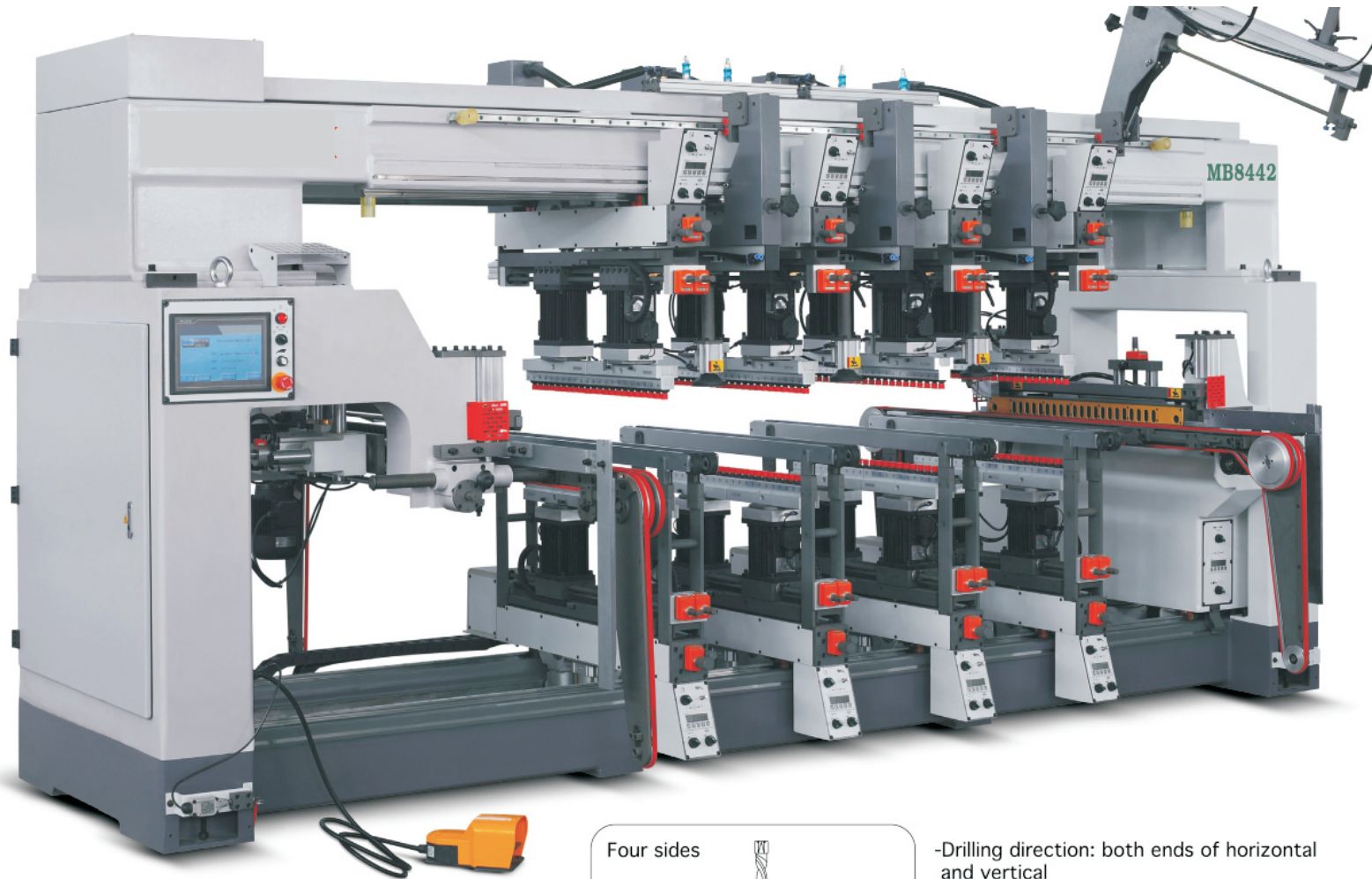
Gluing



Function combination									
	Buffing	Bottom Hogging	Scraping	Corner Trim	Fine Trim	Rough Trim	End Cutting	Gluing	Pre-milling
EB621 JH	●	●	●	●	●	●	●	●	●
EB621 J	●		●	●	●	●	●	●	●
EB621	●		●	●	●	●	●	●	
EB611 J	●		●	●	●		●	●	●
EB611	●		●	●	●		●	●	
EB620 J	●		●		●	●	●	●	●
EB620	●		●		●	●	●	●	
EB610 J	●		●		●		●	●	●
EB610 H	●	●	●		●		●	●	
EB610	●		●		●		●	●	
EB610 B	●				●		●	●	
EB510	●				●			●	

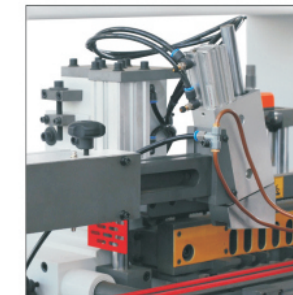
Technical Data

Model		EB621JH	EB621J	EB621	EB611J	EB611	EB620J	EB620	EB610J	EB610H	EB610	EB610B	EB510
Electrical lift		●	●	●	●	●	●	●	●	●	●	●	●
Motor power		18.7kw	16.5kw	11kw	13.9kw	9.5kw	14.5kw	9.5kw	12.5kw	14.7kw	8kw	8kw	7kw
Overall size	Length	7100mm	6600mm	5660mm	6130mm	5200mm	5400mm	4470mm	4990mm	4500mm	4000mm	3500mm	2970mm
	Width&Height	1000 x1600mm											
Feed speed		12m/16m/20m/min											
Edge thickness		0.4-3mm											
Panel thickness		10-60mm											
Panel length		≥150mm											
Panel width		≥80mm											
Working pressure		0.6MPa											



Precise Display

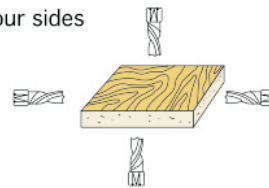
Drilling strike is accurately displayed on digital LED display



Effective and Steady

Motor stepless speeding regulation
Automatically clamping and fixing unit
Heavy duty machine with stable structure and reasonable design.

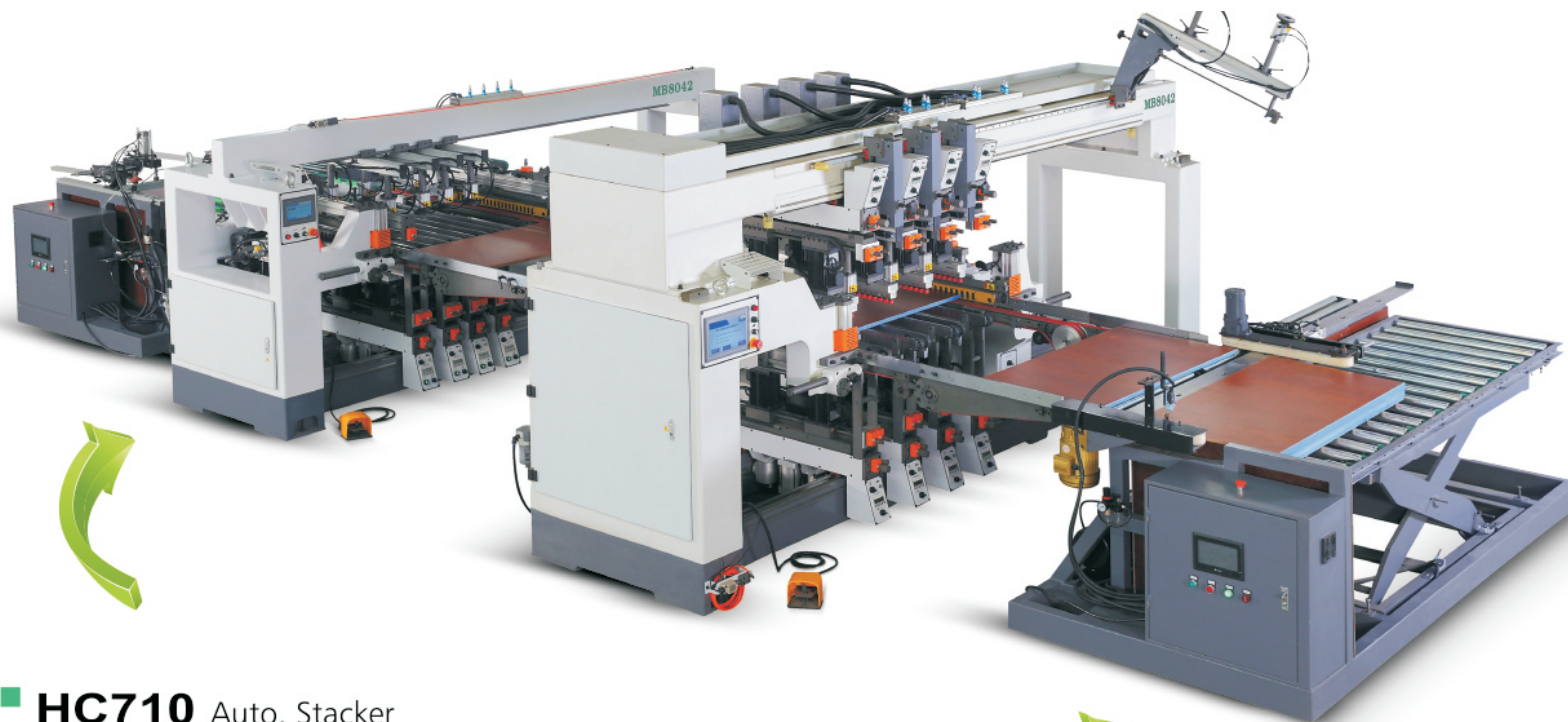
Four sides



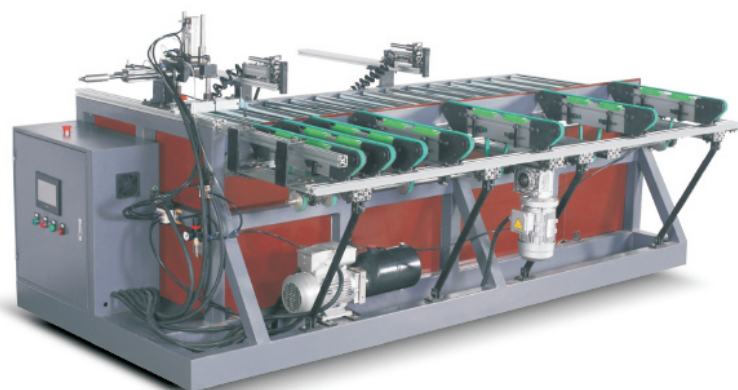
- Drilling direction: both ends of horizontal and vertical
- No. of the upper vertical rows optional: 1-6 rows
- No. of the bottom vertical rows optional: 1-6 rows
- Automatic feeding

MB8442

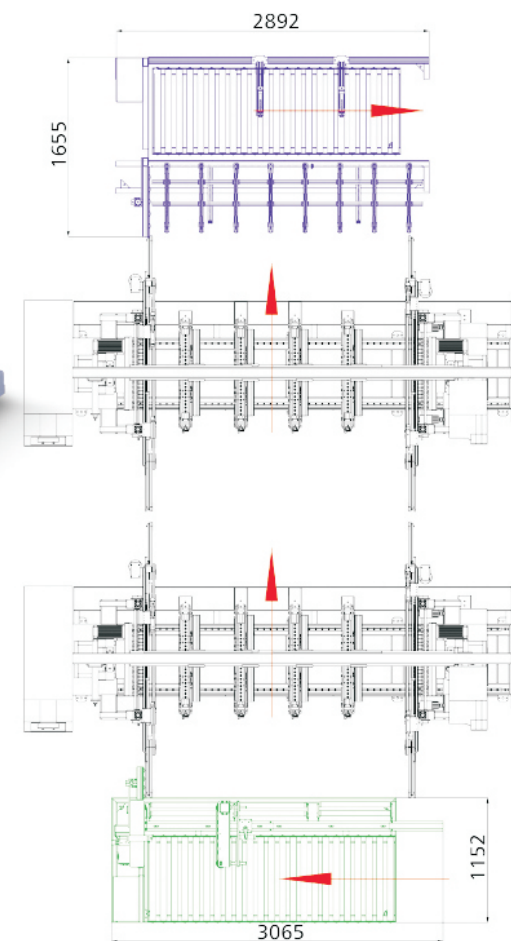
Automatic Feeding Multi-Drill Boring Machine



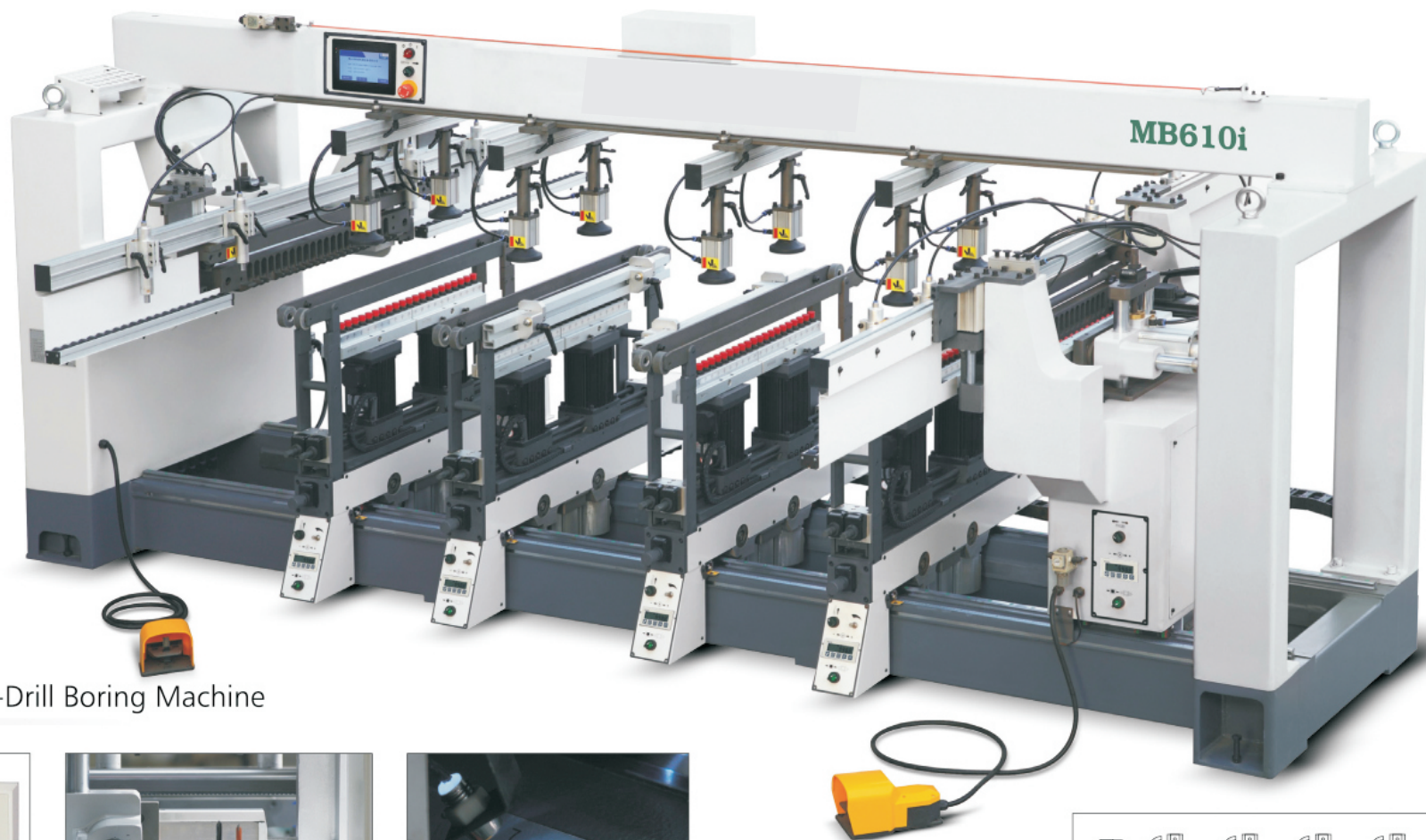
■ **HC710** Auto. Stacker



■ **HC709** Auto. Feeder



(HC709+MB8442+MB8042+HC710)

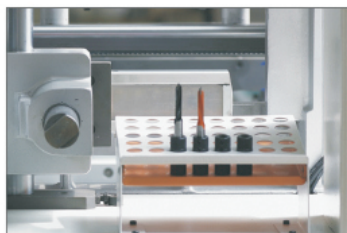


■ MB610i Six-Row Multi-Drill Boring Machine

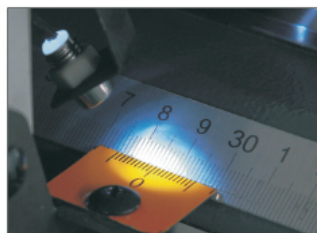


Precise LED Display

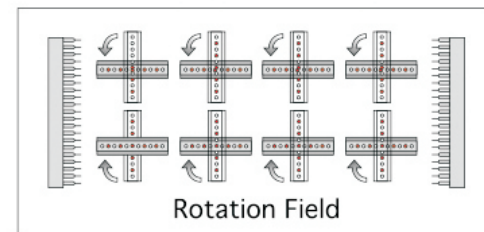
Drilling strike is accurately displayed on digital LED display



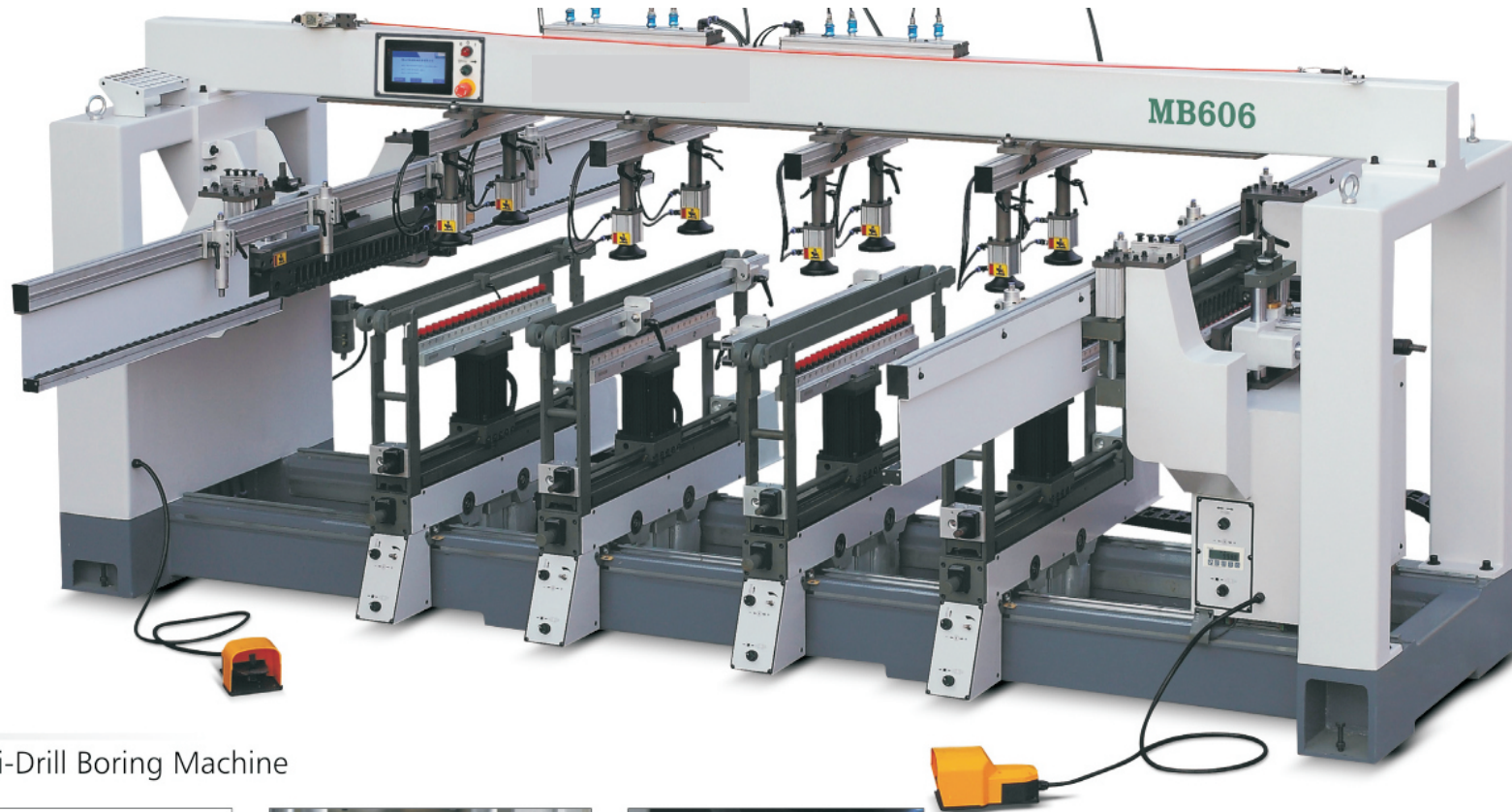
Innovative design with a tray to load aiguille and drill bushing, which make it easy to get or put them back.



Light for ruler



MB610i

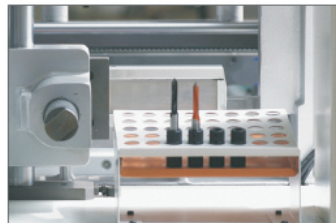


MB606

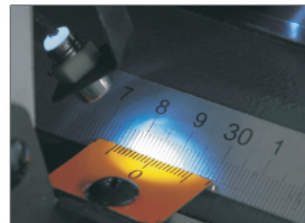
Six-Row Multi-Drill Boring Machine



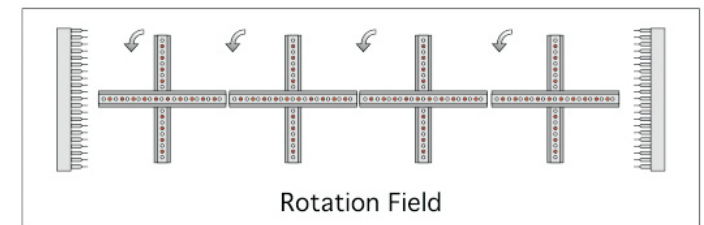
Precise LED Display (MB606i)
Drilling strike is accurately displayed on digital LED display



Innovative design with a tray to load aiguille and drill bushing, which make it easy to get or put them back.

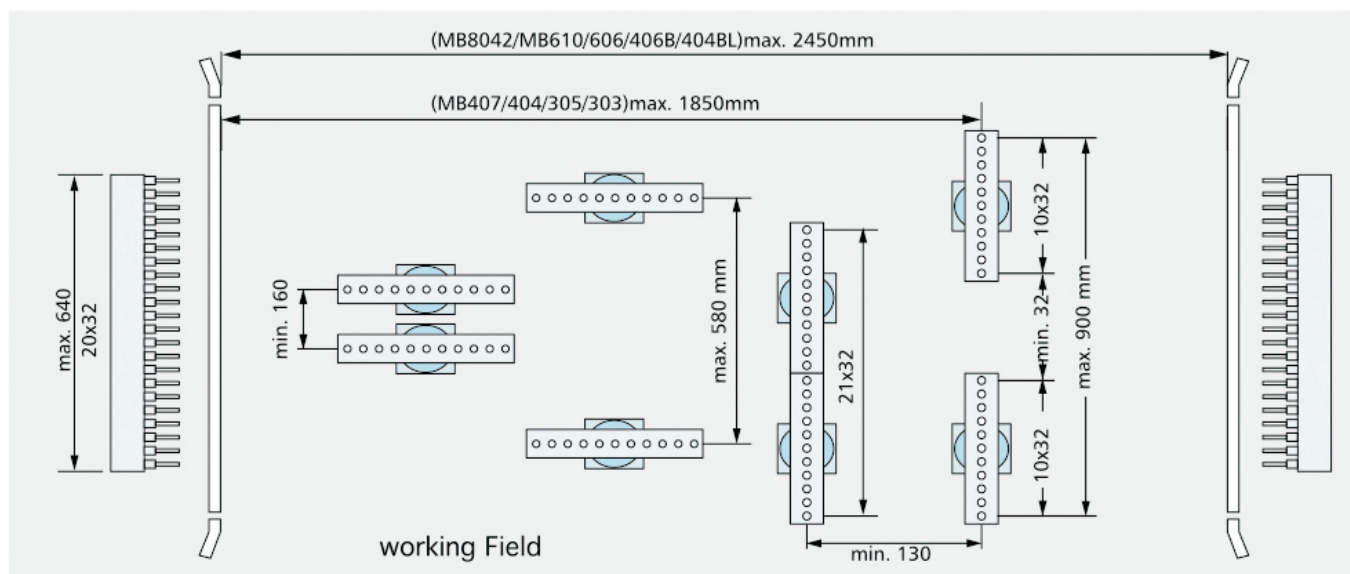


Light for ruler



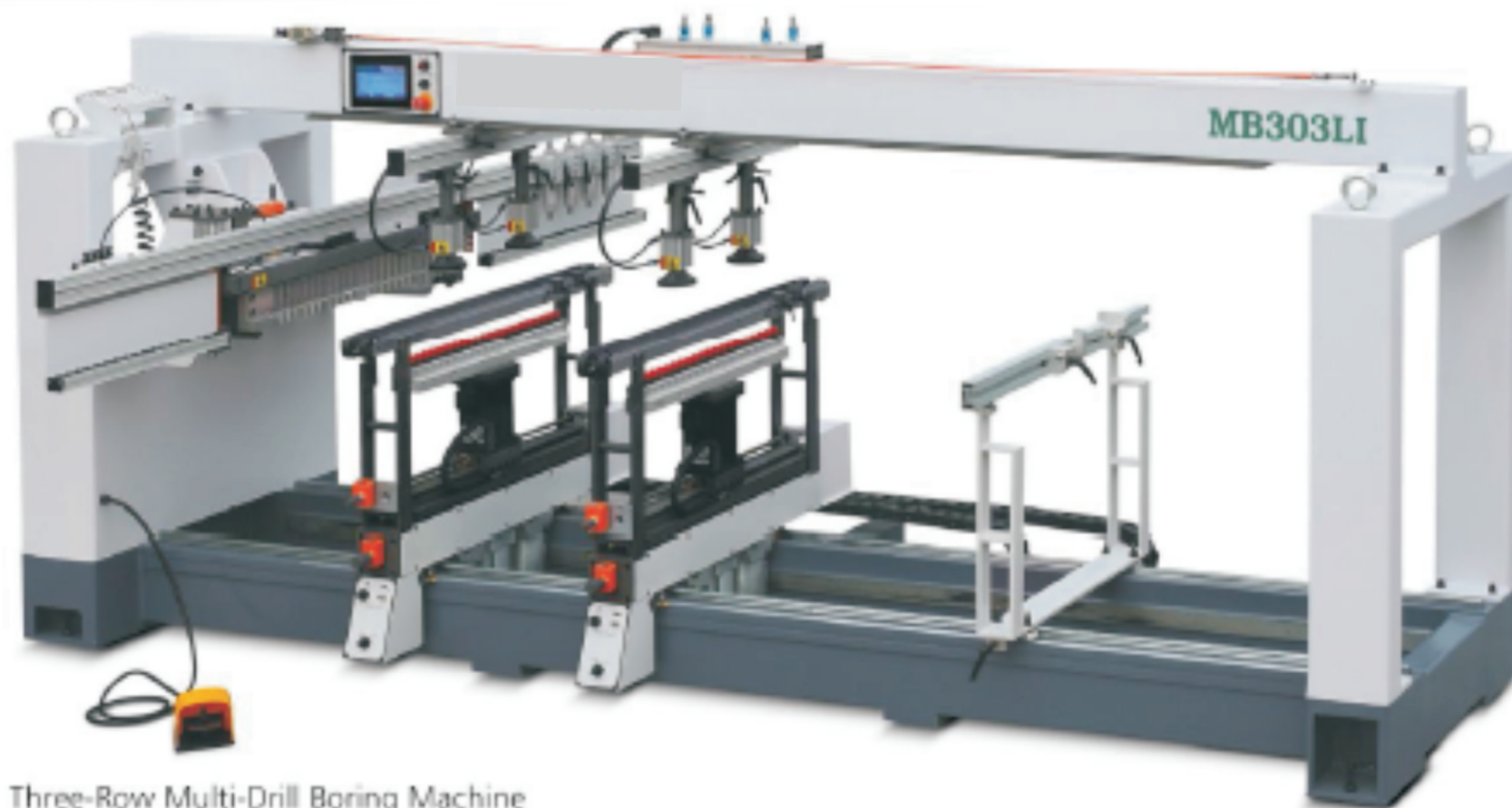
Rotation Field

MB606



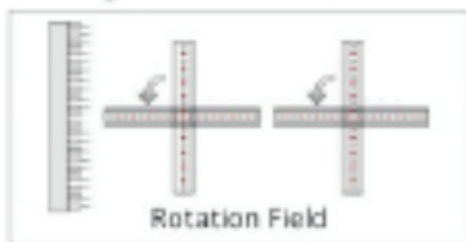
Technical Data

Model	MB8442	MB8042	MB610/MB606	MB406B/MB404BL	MB407L/MB404L MB305L/MB303L	MB407/MB404	MB305/MB303	MB221	MB121
Max. width of workpiece(X direction)	2450mm	2450mm	2450mm	2450mm	2450mm	1850mm	1850mm	-	-
Max. distance of two horizontal boring position	640mm								
Min. distance of vertical drilling group	128mm	128mm	128mm	128mm	128mm	128mm	128mm	-	-
Max. thickness of workpiece	78mm	78mm	78mm	78mm	78mm	78mm	78mm	80mm	80mm
Max. depth of horizontal boring head	40mm								
Max. depth of vertical boring head	70mm								
Rotation speed of boring spindles	2800rpm (50HZ)								
Vertical boring power	1.1kw	1.1kw	1.1kw/1.5kw	1.1kw/1.5kw	1.1kw/1.5kw	1.1kw/1.5kw	1.1kw/1.5kw	1.5kw	1.5kw
Horizontal boring power	1.5kw	1.5kw	1.5kw	1.5kw	1.5kw	1.5kw	1.5kw	1.5kw	-
Feeding motor power	0.75kwx2	0.75kwx2	-	-	-	-	-	-	-
Feeding speed	60m/min	60m/min	-	-	-	-	-	-	-
Working pressure	0.6~0.8MPa								
Dimension of machine	4300x3070x1960	4750x3100x1760	3750x2500x1760	3750x2500x1760	3750x2500x1760	2700x2500x1760	2700x2500x1760	1200x1000x1550	1200x1000x1250
Packing dimension	4320x2020x1970	3900x2200x1800	3900x1500x1800	3900x1500x1800	3900x1500x1800	2800x1500x1800	2800x1500x1800	1300x1100x1650	1300x1100x1350

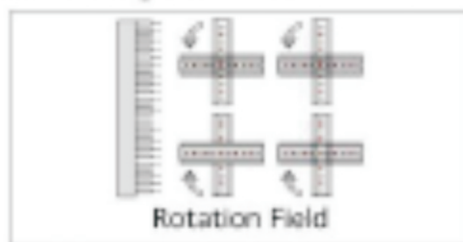


■ MB303LI Three-Row Multi-Drill Boring Machine

Long rack for three-row multi-drill boring machine



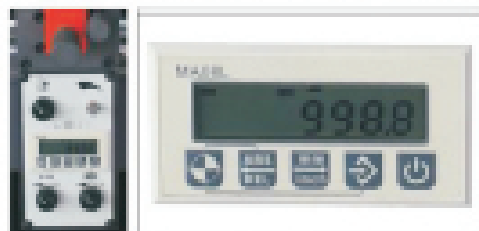
MB303LI



MB305LI

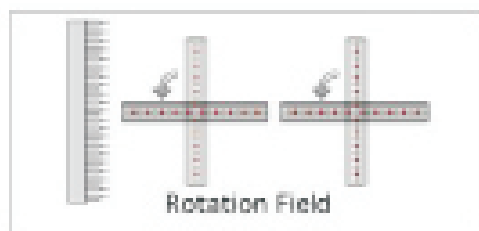
MB303I

Three-Row Multi-Drill Boring Machine



Precise LED Display (MB303I)

Drilling strike is accurately displayed on digital LED display



MB303I



■ CNC-MB62 / CNC-MB62D

CNC Drilling Machine (Six Sides Drill)



The upper processing unit of CNC-MB62 is equipped with a drilling box, which has total 12 pieces of vertical drill shafts and pieces of horizontal drilling shafts, The upper processing unit of CNC-MB62D has 2 drilling boxes, with a total of 24 pieces of vertical drill shafts and 16 horizontal drill shafts, There is one bottom drilling unit, with a set of total 9 pieces of vertical drill shafts, Both the 2 drilling units and each drill shaft are running independently.

The maximum width of six sides processing can reach 1200 mm, the minimum processing width is 50 mm. Advanced path optimization algorithm for efficient six-sided drilling and slot milling, Perfectly command more than 30 kinds of design and dismantling software, achieves scan code processing.



Processing instructions



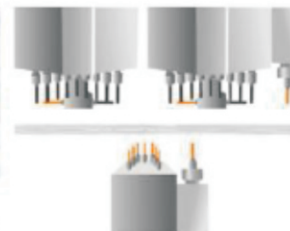
Six side drilling



Grooving, Routing



MB62D
Equipped with two sets of drill boxes

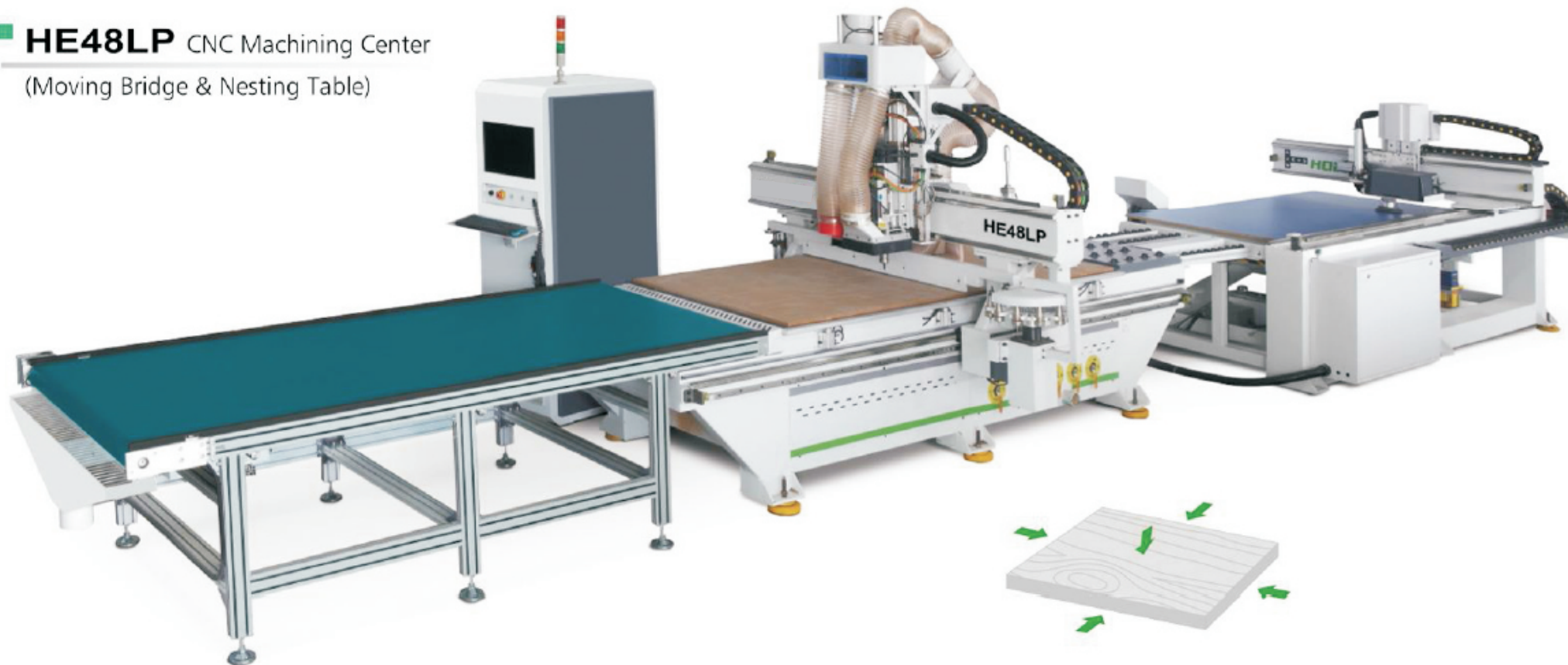


MB62
Equipped with a sets of drill boxes



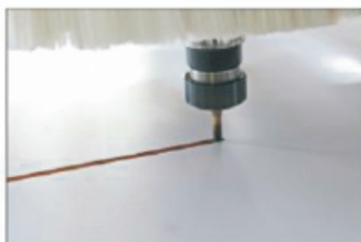
Model		CNC-MB62D	CNC-MB62
Milling spindle	Total power	17 kW	14 kW
	Spindle power	3 kW x 2	3 kW x 2
	Rotary speed	24000 rpm	24000 rpm
Max. positioning speed	X axis speed	85 M/min	85 M/min
	Y axis speed	60 M/min	60 M/min
	Z axis speed	30 M/min	30 M/min
	A axis speed	60 M/min	60 M/min
	V axis speed	60 M/min	60 M/min
	W axis speed	30 M/min	30 M/min
	W axis speed	30 M/min	30 M/min
Boring head combination device	Top Vertical spindle	12 pcs x 2	12 pcs
	Top Horizontal spindle	X: (2+2)*2 Y: (2+2)*2	X: (2+2)*2 Y: (2+2)*2
	Bottom Vertical spindle	9 pcs	9 pcs
Working range	Min. width of workpiece	50 mm	50 mm
	Max. width of workpiece	1200 mm	1200 mm
	Min. length of workpiece	180 mm	180 mm
	Max. length of workpiece	2400 mm	2400 mm
	Min. Thickness of workpiece	8 mm	8 mm
	Max. Thickness of workpiece	50 mm	50 mm
Other paramenters	Dust hood	Top: Ø125mm Bottom: Ø150 mm	Top: Ø125mm Bottom: Ø150 mm
	Packing size	5100 x 2510 x 1800 mm	5100 x 2510 x 1800 mm
	Weight	3500 kgs	3500 kgs

■ HE48LP CNC Machining Center (Moving Bridge & Nesting Table)



Fastest processing speed is 12-22 m/min (According to the difference of cutters and materials, the speed will be different)
Cutting loss is only 6mm path
Multi-point vacuum adsorption table

W/Auto. Feeding table, Pusher, Out-feed Lifting table, and barcode scanner system.



Cutting material loss is only 6mm path



Hammer-type changing tool system



Imported 9V Drilling Group



Precision screw drive



Automatic lubricate setting



Pusher



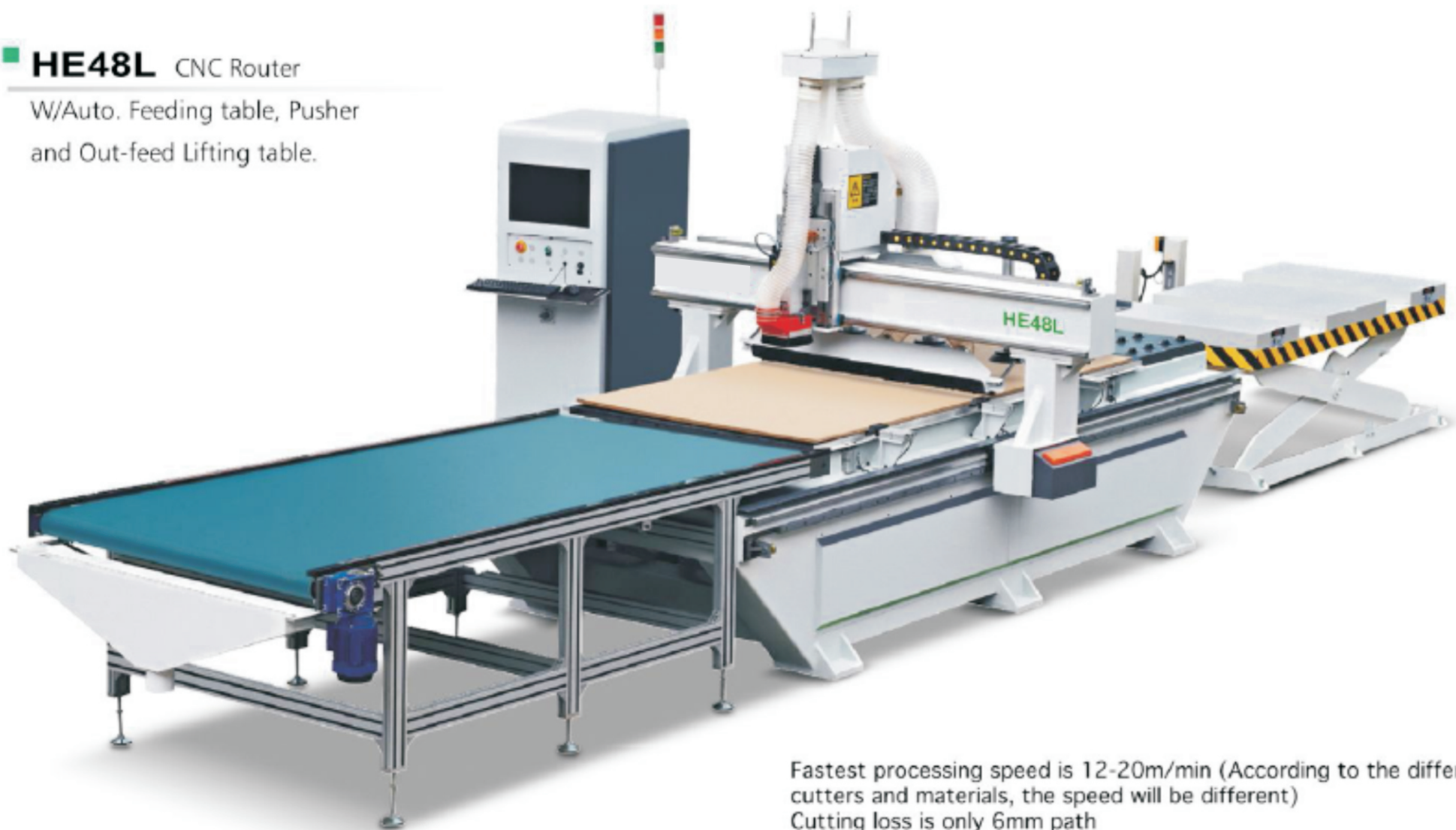
Strong adsorption automatic feeding sucker

Technical Data

Model	HE48LP	HE48	HE30/HE40	HE48L
Working area	1220 x 2440 x 60 mm	1220 x 2440 x 60 mm	1220 x 2440 mm	1220 x 2440 mm
Traveling area	1320 x 2540 x 160 mm	1320 x 2540 x 160 mm	1320 x 2540 x 160 mm	1320 x 2540 x 160 mm
Idling speed	100 m/min	80 m/min	80 m/min	80 m/min
Working speed	12-22 m/min	12-20 m/min	12-20 m/min	12-20 m/min
Spindle power	9.0 kW (W/ATC)	9.0 kW (W/ATC)	HE30: 6 kW * 2 + 4.5 kW HE40: 6 kW * 2 + 4.5 kW * 2	9.0 kW
Spindle speed	24000 r/min	24000 r/min	18000 r/min	18000 r/min
Working voltage	AC380V / 3PH / 50Hz	AC380V / 3PH / 50Hz	AC380V / 3PH / 50Hz	AC380V / 3PH / 50Hz
Servo drive	Servo drive	Servo drive	Servo drive	Servo drive
Locate mode				
Table structure	Zone adsorption table	Zone adsorption table	Zone adsorption table	Zone adsorption table
Dimensions	10200 x 2630 x 2200 mm	3800 x 2630 x 2200 mm	3800 x 2300 x 2200 mm	8800 x 2300 x 2200 mm
Vacuum port	Ø200/Ø150	Ø200/Ø150	Ø200/Ø150	Ø150
Total power	31 kW	16 kW	HE30: 31.5 kW / HE40: 36 kW	24 kW
Total wights	3 T	1.7 T	HE30: 1.6 T/ HE40: 1.6 T	2.5 T

HE48L CNC Router

W/Auto. Feeding table, Pusher
and Out-feed Lifting table.



Fastest processing speed is 12-20m/min (According to the difference of cutters and materials, the speed will be different)
Cutting loss is only 6mm path
Multi-point vacuum adsorption table

■ HE48

CNC Router(W/ATC)



Automatic changing tools, optional: mutidrills vertical & horizontal
Processing speed can reach to 12-20 mm/min (According to different cutters and materials, the speed will be different)
cutting loss is only 6 mm path
Automatic loading and unloading (optional)

■ HE30(W/3 spindle) / HE40(W/4 spindle)

CNC Router



Fastest processing speed is 12-20m/min (According to the difference of cutters and materials, the speed will be different)
Cutting loss is only 6mm path
Multi-point vacuum adsorption table

NM-48

CNC Router



- Heavy duty design with cast iron column support.
- Rigid machine base design.
- Pneumatic rod control of guide.
- Efficiency vacuum pump 5.5kw.
- Precision machining quality control.
- Six vacuum zone and T-slot table.
- HSD Italy power spindle.

Technical Data

Model	NM-48
Working area	1,280 mm x 2,440 mm x 150 mm
Working table material	PVC
Table design	Vacuum (6) and T-slot (4)
Linear rail guide	Linear guide 25 mm / Taiwan
X-Y movement	Rack and pinion / Taiwan
X-Y drive reducer	Planetary type gear reducer / SHIMPO/Japan
Z movement	Ball screw drive/25 mm / Taiwan
Z speed reduce	Z axis direct drive by motor
Max. speed	35,000 mm/min
Max. cutting speed	25,000 mm/min
*Spindle	6 kW/Air cooling/HSD/ Italy
Spindle speed	18,000 rpm
Inverter power	7.5 kW/Delta / Taiwan
*Drive motors	Stepper
Software	Router 8 / France
Pneumatic rod	3 Nos. Adjustable (X:2 Y:1)
Collet	ER32-16 mm, 12.7 mm, 6 mm
Controls	WeiHong NC STUDIO/DSP/China
Vacuum pump	High efficiency vacuum pump 5.5 kW
Linear guide rail	With dust proof and self-lubricating

■ NA-48

CNC Router



Technical Data

Model	NA-48
Auto tools changer	8 position tools changer/ Linear style
Table size	1,220 mm x 2,440 mm x 150 mm
Working stroke	1,320 mm x 2,540 mm x 200 mm
Machine size	1,950 x 3,350 mm
Working table material	Hard PVC
Working table design	Vacuum & T-slot (four vacuum zones)
Position pin stops	3 Pneumatic rods / movable / Y-2&X-2
Reposition accuracy	0.002 mm
Resolutions	0.003 mm
Linear rail guide	Linear guide Ø25 square/AMT / Taiwan
X-Y movement	Rack and pinion / M1.5 / Taiwan
X-Y drive reducer	Planetary type reducer / SHIMPO/60W /1:8 / Japan
Z movement	Ball screw drive/25 mm / PMI / Taiwan
Z speed reduce	Z axis direct drive by motor
Max. speed	60,000 mm/min
Max. cutting speed	35,000 mm/min
Spindle	9 kw/Air cooling/HSD/ ISO 30 / ATC / Italy
Spindle speed	24,000 rpm
Inverter power	11 kW / Delta / Taiwan
Drive motors	Servo system / 400W / Yaskawa / Japan
Working voltage	AC380V / 50-60Hz, 30phase
Command code	G code
Computer interface	USB 2.2 / RS32
Tools shank	ISO30-ER32
Collets	ER32-16 mm, 12.7 mm, 6 mm
Software	Router 8 Software / Fance
Controls	SYNTEK /19" screen / Mouse & Keyboard / Taiwan
Vacuum pump	4KW/Air cooling / German Becker
Packing dimensions	3500 x 2000 x 2000 mm, N.W.=1600 kg/ G.W.=1750kg
Equipment include	a. Separately Electric cabinet with fans c. Automatic Oil lubrication linear rail system d. Clamps and vacuum fitting
Working voltage	380V / 50-60HZ



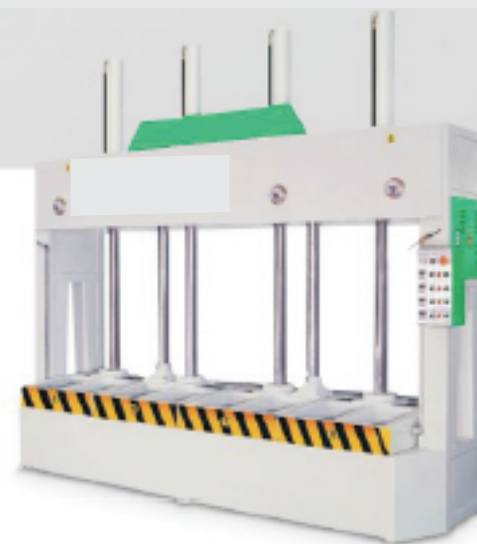
■ CP48/50/1

Hydraulic Cold Press



■ CP44/25/2

Hydraulic 2 Phase Cold Press



■ CP43/25/4

Hydraulic 4 Phase Cold Press



MODEL	CP48/50/1	CP44/25/2	CP44/25/3	CP43/25/4
Press Board Dimensions	2500 x 1250 mm	1250 x 1240 mm x 2	1250 x 1000 mm x 3	1250 x 750 mm x 4
Max Pressure	50 T	25 T x 2	25 T x 3	25 T x 4
Max Opening	1000 mm	1000 mm	1000 mm	1000 mm
Installed Power	4 kW	4 kW	4 kW	4 kW
Overall Dimensions	3000 x 1250 x 3050 mm	3000 x 1250 x 3050 mm	3600 x 1250 x 3150 mm	3600 x 1250 x 3150 mm

■ CP44/25/3

Hydraulic 3 Phase Cold Press



■ HP48/120/1

One Layer

MODEL	HP48/100/1	HP48/120/1	HP48/160/1
Total pressure	100 tons	120 tons	160 tons
Unit Pressure	0.32 Mpa (3.2 kgf/cm ²)		
Hot Platen Size	42 × 1300 × 2500 mm (Solid steel drilled hot platen covered with mylar)		
Effective Working Area	1240 × 2460 mm		
Working Layer	1 layer		
Opening	380 mm		
Hot Platen No.	2 pcs		
Oil Cylinder No. and Diameter	6 pcs / Ø85 mm	8 pcs / Ø85 mm	8 pcs / Ø85 mm
Installation Power of Liquid Pressure System	4 kW		
Hot Platen Opening Way	Automatic		
Heating Way	Electric heated with thermal oil		
Pump Power	0.75 kW		
Heating Power	18 kW		
The Highest Temperature	120°C		
Overall Dimensions	3575 × 1655 × 2025 mm		
Gross Weight	About 5000 kgs		



■ HP48/160/3

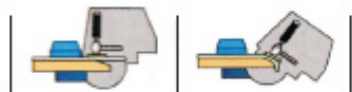
Three Layers

MODEL	HP48/120/3	HP48/160/3
Total pressure	120 tons	160 tons
Unit Pressure	0.53 Mpa (5.3 kgf/cm ²)	
Hot Platen Size	42 × 1300 × 2500 mm (Solid steel drilled hot platen covered with mylar)	
Effective Working Area	1240 × 2460 mm	
Working Layer	3 layers	
Opening	120 mm	
Hot Platen No.	4 pcs	
Oil Cylinder No. and Diameter	10 pcs / Ø85 mm	
Installation Power of Liquid Pressure System	4 kW	
Hot Platen Opening Way	Automatic	
Heating Way	Electric heated with thermal oil	
Pump Power	0.75 kW	
Heating Power	36 kW	
The Highest Temperature	120°C	
Overall Dimensions	3550 × 1645 × 2200 mm	
Gross Weight	About 8000 kgs	



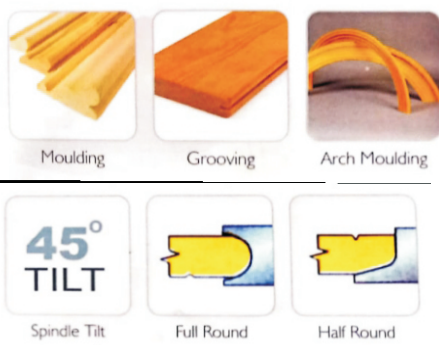
Technical Specification

Model No.	MVM - 2501
No. of Working Table	1 / 2 Nos.
Work Table Size (L x W)	2300 x 1250 (90" x 48")
Max. Thickness of Work Piece	50mm
Average Cycle Time	3-5 Min.
Vacuum	-0.1 mpa
Heating System	Through Heaters
PVC Foil Thickness	0.30-0.40 mm
Total Power	18 Kw



Technical Specification

Model No.	MPF 2500
Maximum length of work piece	2440mm
Minimum length work piece	600mm
Minimum thickness of work piece	16mm
Maximum thickness of work piece	110mm
Minimum work piece width	200mm
Heating element	3kw



Technical Specification

Model No.	MSM 370
Sliding table length	1300 mm
Sliding table width	315 mm
Spindle Diameter	30 mm
Spindle speed	5000 RPM
motor power	5 HP



DUST COLLECTOR

Technical Specification

Model No.	MDC 2	MDC 3
Air Suction Capacity M3/H3	1500	2200
Motor	2Hp	3Hp
Quantity of Mouth	2	3



The logo for 'hisen' is displayed in a bold, dark grey sans-serif font. A small teal square is positioned above the 'h', and a teal horizontal line with diagonal stripes is located below the 'n'. The background of the top-left quadrant shows a person's hands in white gloves operating a machine.

hisen

The logo for 'hisen' is displayed in a bold, dark grey sans-serif font. A small teal square is positioned above the 'h', and a teal horizontal line with diagonal stripes is located below the 'n'. The background of the top-right quadrant shows a close-up of a machine's internal components.

hisen

A worker wearing a face mask and a dark t-shirt is operating a large industrial machine, likely a paper mill, in a factory setting. The machine has a large roll of material being processed.

VINOD ENGINEERING

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