

PPM

PANEL PRODUCTION
MACHINERY

BY **EI** EYRE
INDUSTRIES.LTD

2025

SERVICE PLEDGE

At PPM Machinery, we aim to please. Below listed is our PPM Promise.



Supporting Your Investment with Confidence

At Panel Production Machinery, we don't just supply woodworking machines — we build trust through reliable service, expert support, and a commitment to your success.



Expert Support, Always

Our certified technicians and knowledgeable service team are always ready to assist — whether you need setup, training, troubleshooting, or routine maintenance.



Fast & Reliable Response

We know downtime costs money. That's why we commit to responding to all service requests within 1 business working day to keep your workshop running efficiently.



Preventive Maintenance Packages

Protect your investment with our flexible maintenance plans. Prevent unexpected breakdowns and ensure your machines operate at peak performance all year-round.



Genuine Parts & Trusted Repairs

We use only manufacturer-approved parts and methods to maintain machine integrity and performance. We also offer optional performance upgrades as new innovations become available.



Symon Eyre - Managing Director



On-Site & Remote Support

Whether you need help on-site or prefer virtual assistance, our service team is equipped to support you wherever you are — quickly and professionally.



Smart Service with IoT Connectivity

Our woodworking machines come equipped with advanced IoT connectivity, allowing for real-time performance monitoring, proactive diagnostics, and instant remote access by our service team. This means faster problem-solving, reduced downtime, and smarter maintenance — all from anywhere in the world.



Easy Online Parts Ordering

We're building a convenient online portal for ordering replacement parts and accessories directly from us. For items not stocked in the UK, we ship promptly via UPS from our international warehouses — ensuring short lead times and minimal disruption to your workflow.

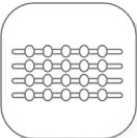


Our Customer-First Guarantee

Your satisfaction is our top priority. If you're not 100% happy with our service, we'll make it right. We're with you every step of the way — before, during, and after the sale.

HP-330^{SAW}

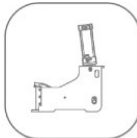
High speed intelligent beam saw



Heavy Duty
roller table



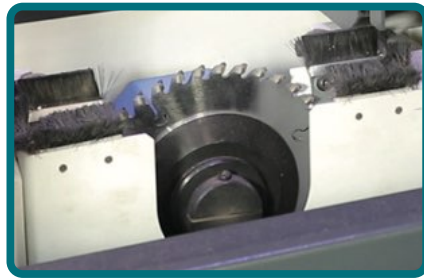
Independent
Scoring Blade



Two-finger
clamping



Cutting
optimization



Introducing our front loading beam saw with a 3.3m cutline, 120mm cut height along with 3 Air tables & optimization software.

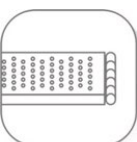


TECHNICAL SPECIFICATIONS

MAX Cutting Length	3300mm	Saw carrier driving motor power	2kw (AC Sevro)
MAX Cutting Thickness	120mm	Automatic feeding motor	2kw (AC Sevro)
Main saw blade	Φ380mm (option450mm)	High-pressure blower motor	3kw+2.2kw
Main saw shaft diameter	Φ75mm	Side aligner motor	0.25kw
Main saw shaft rotation speed	4000rpm	Total power	30.15kw
Scoring saw blade diameter	Φ200mm	Automatic Feeding speed	85m/min
Scoring saw shaft diameter	Φ50	Air pressure	5-7kg/cm ²
Scoring saw shaft rotation speed	5200rpm	Worktable height	980mm
Saw carriage forward speed	0-100m/min	Net weight	5800kg
Saw carriage backwards speed	0-120m/min	Machine size	6560*5740*2060mm
Main saw motor power	18.5kw	Air floating table quantity	3
Scoring saw motor power	2.2kw		

HP-380^{SAW}

High speed intelligent beam saw



Floating air tables



Servo driven carriage



Barcode printer



PLC diagnostics



With all the same features of our HP330 with an extended cutline of 3.8m for larger panels & 4 air tables for additional working area.



TECHNICAL SPECIFICATIONS

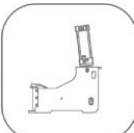
MAX Cutting Length	3800mm	Saw carrier driving motor power	2kw (AC Sevro)
MAX Cutting Thickness	120mm	Automatic feeding motor	2kw (AC Sevro)
Main saw blade	Φ380mm (option450mm)	High-pressure blower motor	3kw+2.2kw
Main saw shaft diameter	Φ75mm	Side aligner motor	0.25kw
Main saw shaft rotation speed	4000rpm	Total power	30.15kw
Scoring saw blade diameter	Φ200mm	Automatic Feeding speed	85m/min
Scoring saw shaft diameter	Φ50	Air pressure	5-7kg/cm²
Scoring saw shaft rotation speed	5200rpm	Worktable height	980mm
Saw carriage forward speed	0-100m/min	Net weight	6300kg
Saw carriage backwards speed	0-120m/min	Machine size	7060*6040*2060mm
Main saw motor power	18.5kw	Air floating table quantity	4
scoring saw motor power	2.2kw		

HP-380CL^{SAW}

High speed intelligent rear loading beam saw



Rear loading device



Two-finger clamping



Pressure Beam & Safety Bar



Independent Scoring Blade

With all the features of our front loading beamsaws we have the additional rear loading table for easier handling & higher through put, automatic loading to relieve the handling of the operator.



TECHNICAL SPECIFICATIONS

MAX Cutting Length	3800mm	Saw carrier driving motor power	2kw (AC Sevro)
MAX Cutting Thickness	120mm	Automatic feeding motor	2kw (AC Sevro)
Main saw blade	Φ380mm (option450mm)	High-pressure blower motor	3kw+2.2kw
Main saw shaft diameter	Φ75mm	Side aligner motor	0.25kw
Main saw shaft rotation speed	4000rpm	Total power	32.15kw
Scoring saw blade diameter	Φ200mm	Automatic Feeding speed	85m/min
Scoring saw shaft diameter	Φ50	Air pressure	5-7kg/cm²
Scoring saw shaft rotation speed	5200rpm	Worktable height	980mm
Saw carriage forward speed	0-100m/min	Net weight	6300kg
Saw carriage backwards speed	0-120m/min	Machine size	6612*8321*2066mm
Main saw motor power	18.5kw	Air floating table quantity	4
scoring saw motor power	2.2kw	MAX rear loading size	3600 X 2100mm

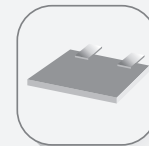
PROCESS ANALYSIS

Full catalogue for customized options.



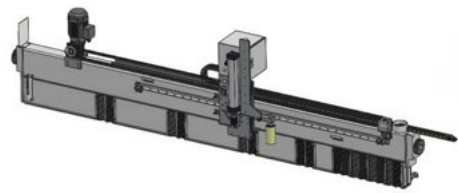
CLAMPING & FEEDING

Feeding gripper pulls the panel into the specified position in the machine.



DUST PROOF BATTLE

Prevent offcuts, and dust from spilling out of the machine.



AUTOMATIC SLIDE ALIGNER

The side-aligning device presses the panels from the side and position.



PRECISION CUTTING

Efficient and high speed cutting.



AUTOMATIC PRESS PANEL

The press beam automatically pressed the panel to be flat.



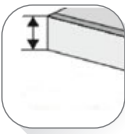
AUTOMATIC OUTPUT

Cut according to the size set by the program and output automatically.



HH-688RLK^{EDGE}

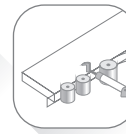
High speed linear edge banding machine



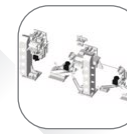
Adaptive thickness



Feeding speed



Optional dual pressure zone



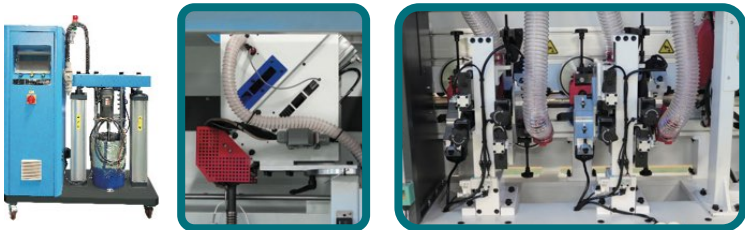
Four corner rounding



Twin buffing units



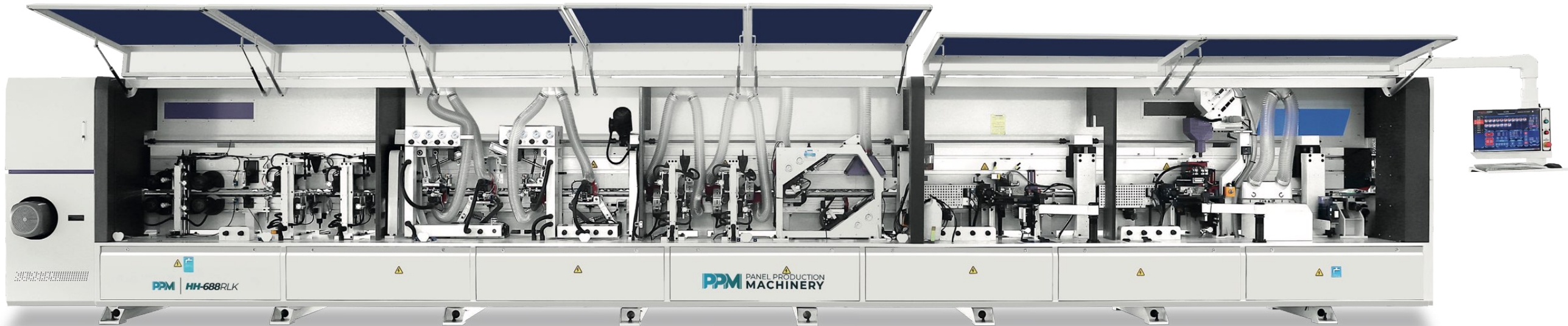
Nesting software



Our flagship edge bander comprising of twin fine trimming, scraping & buffing units to allow easy adjustment and dedicated units per profile. Equipped with a PUR/EVA glue pot & Pre melt, optional 4 channel tape magazine available.

TECHNICAL SPECIFICATIONS

Panel Length	≥120mm	Feed rate	20-23-26m/min
Panel Width	≥120mm	Total power	31.8kw
Panel Thickness	10-60mm	Working pressure	0.65mpa
Tape width	13-63mm	Size	11700*1100*1974mm
Tape thickness	0.4-3.0mm	Weight	4000kg





Off-cut



Flexible flat scraping



Cleaning



Pneumatic double buffing



Heating lamp 2



Pressing 2



Double rails end cutting



Double fine trimming 1



Four corner rounding



Double scraping



Auto lubrication



Pre-milling



Heating lamp 1



Quick melt



PUR Glue



Pressing 1

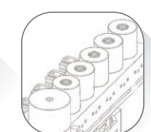


EVA Glue

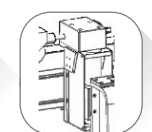
HH-618K^{EDGE}

High speed linear top edge banding machine

- 

Quick melt
- 

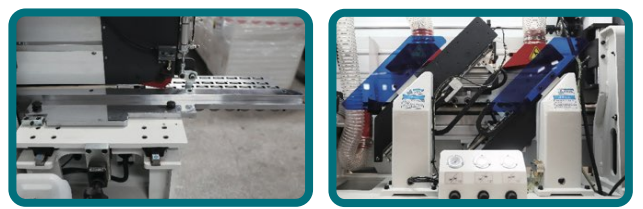
Heavy duty pressure zone
- 

Independent end snipping units
- 

Automatic height adjustment
- 

Releasing & cleaning agents
- 

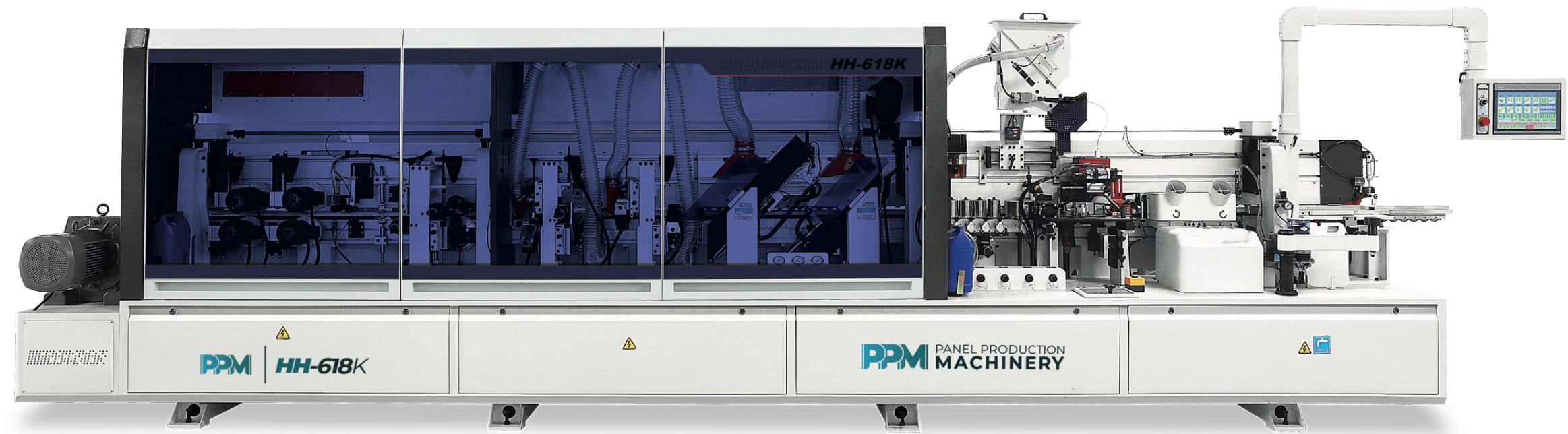
Twin buffing units



This heavy duty Tape machine is perfect for small to medium production of just single pass panels requiring 0-4-3mm tape. With twin flush trims, 2 profiles can be turned on and off with ease. Heavy duty infeed support along with heavy duty pressure rollers & independent end trim units gives a robust operation.

TECHNICAL SPECIFICATIONS

Panel Length	≥120mm	Feed rate	20-23-26m/min
Panel Width	≥120mm	Total power	31.8kw
Panel Thickness	10-60mm	Working pressure	0.65mpa
Tape width	13-63mm	Size	11700*1100*1974mm
Tape thickness	0.4-3.0mm	Weight	4000kg



- 

Buffing 2
- 

Buffing 1
- 

Cleaning
- 

Off-cut
- 

Floating flat scraping
- 

Scraping
- 

Fine trimming
- 

Rough trimming
- 

Double rails end cutting
- 

Pressing 1
- 

PUR Glue
- 

Quick melt
- 

Heating lamp
- 

Pre-milling
- 

Auto lubrication
- 

Releasing

Computer Beam Saw / Edge Banding Machine / CNC Drilling Machine / Intelligent Connection Line / Vinyl Presses

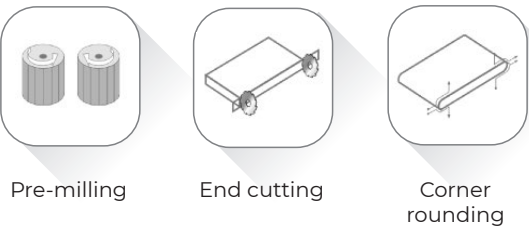
PPM PANEL PRODUCTION MACHINERY

BY **EYRE INDUSTRIES LTD**

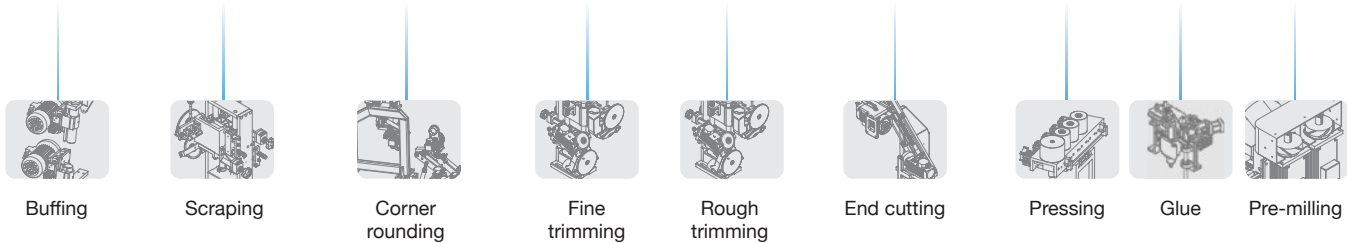
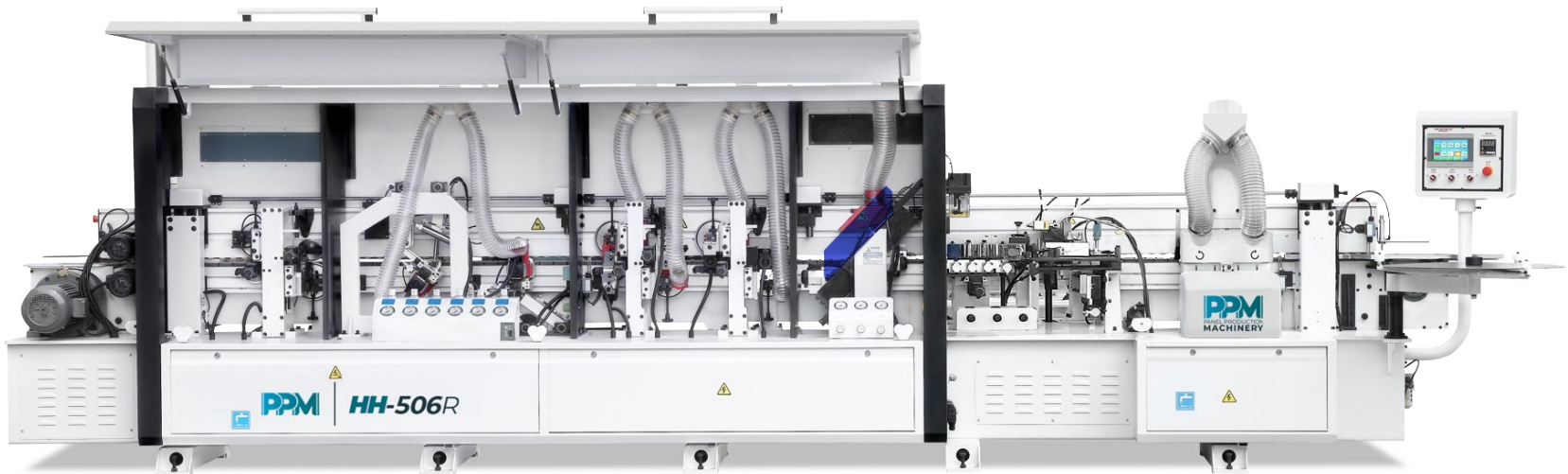
sales@eyreindustries.co.uk
01332 891 507
www.panelproductionmachinery.co.uk

HH-506R^{EDGE}

Linear edge banding machine



This machine is perfect for workshop companies who want to enter in the world of edge banding without compromises. With an upgraded PUR Glue pot & pre melt unit, Anti adhesive & cleaning agents, you get all the features including corner rounding at a fraction of the cost.



TECHNICAL SPECIFICATIONS

Panel size	≥120mm	Feed rate	15-18-20m/min
Panel width	≥80mm	Total power	17.2kw
Panel thickness	10-60mm	Working pressure	0.65mpa
Tape width	13-63mm	Size	6660*1000*1700mm
Tape thickness	0.4-3.0mm	Weight	2500kg

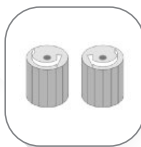


HH-506^{EDGE}

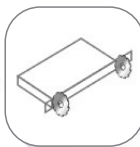
Linear edge banding machine



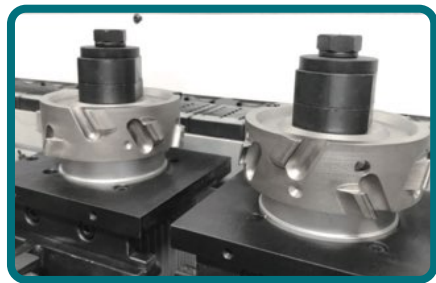
4 Wheel
Pressure
Zone



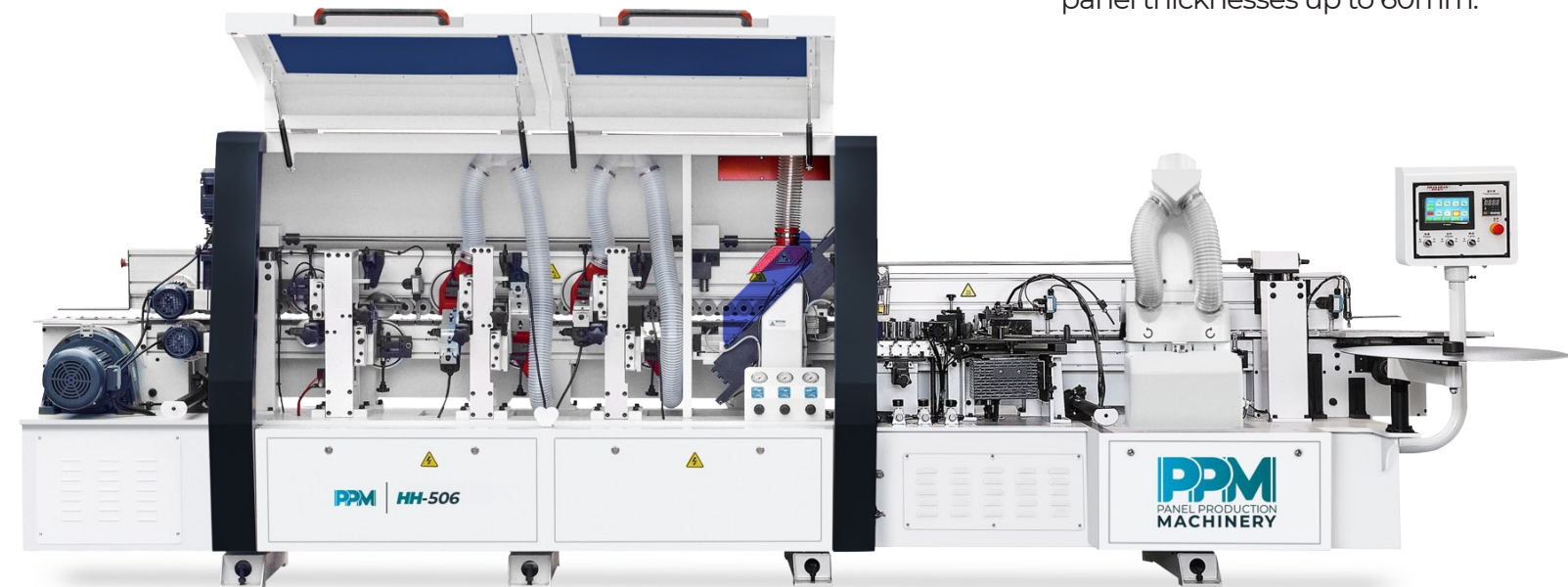
Pre-milling



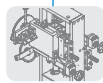
End cutting



Perfect for the small workshop where space is limited & simplicity of straight edge banding is only required. This machine is still duty enough to cope panel thicknesses up to 60mm.



Buffing



Scraping



Fine
trimming



Rough
trimming



End cutting



Pressing



Glue



Pre-milling

TECHNICAL SPECIFICATIONS

Min. Panel size

≥100mm

Feed rate

15-18-20m/min

Min. Panel width

≥95mm

Total power

19.4kw

Panel thickness

10-60mm

Working pressure

0.65mpa

Tape width

13-63mm

Size

5500*1000*1700mm

Tape thickness

0.4-3.0mm

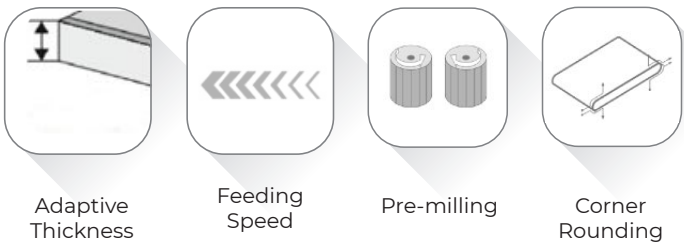
Weight

2200kg

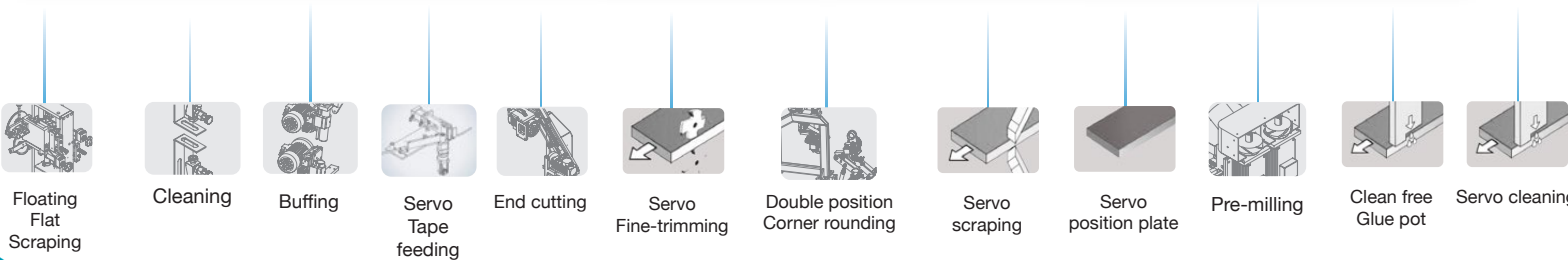


HH-406RP^{EDGE}

Linear edge banding machine



Ensure stable high-speed panel conveying to minimize dust contamination on the conveying surface, thereby improving efficiency and enhancing quality.



TECHNICAL SPECIFICATIONS

Panel Length	≥120mm	Feeding Speed	15-18-20m/min
Panel width	≥95mm	Total power	25kw
Panel thickness	10-60mm	Working pressure	0.65mpa
Tape width	13-63mm	Overall Size	7035x730x2170mm
Tape thickness	0.4-3.0mm		



PROCESS ANALYSIS

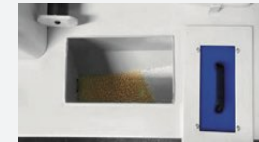
Full catalogue for customized options



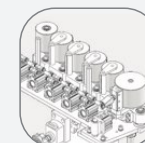
Laser transmitter with scanning spot to activate the glue. No need to replace glue and saving glue melting time.



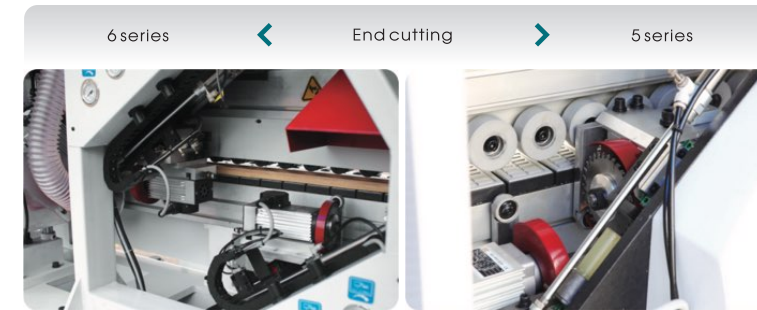
Quick melt+PUR glue pot. It only takes 15 minutes to start working at the fastest, and there is no need to wait for the glue to melt during mass production



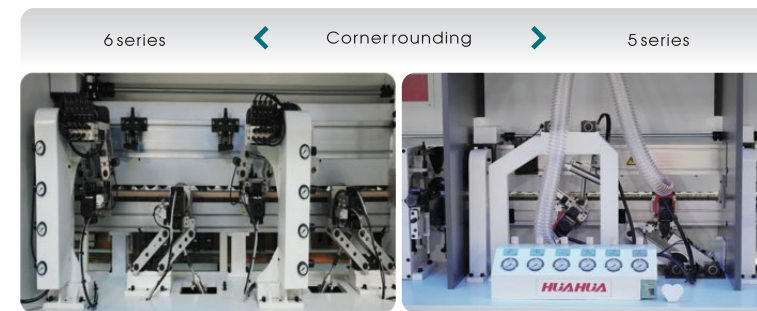
Pressing unit make the panel and tape stick together. Using press wheels to press glued edge banding tape so that the panel and edge banding tape can be sicked more firmly.



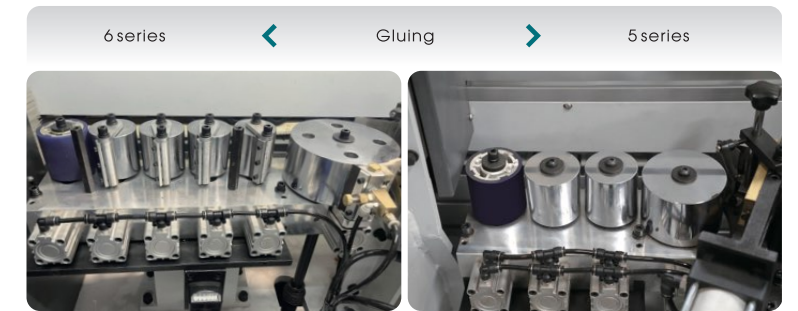
The pre-milling unit trims the edges of the panel after cutting, removing any ripples or swelling to ensure better adhesion of the tape to the panel, resulting in improved integrity and aesthetics.



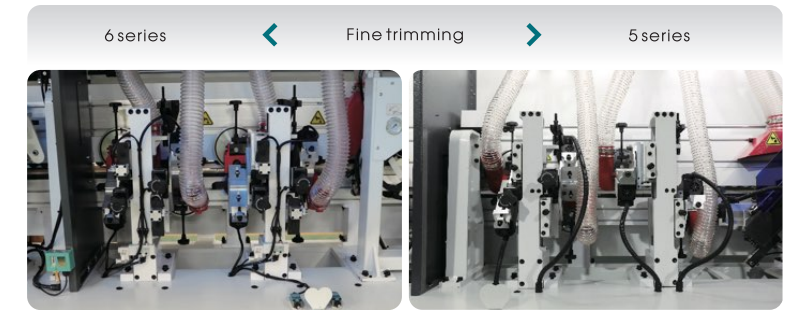
It uses an automatic corner rounding system and a high-frequency, high-speed motor with a fast-cutting structure to trim the protruding edge bands at the front and rear of the panel, making them flush with the panel's edges.



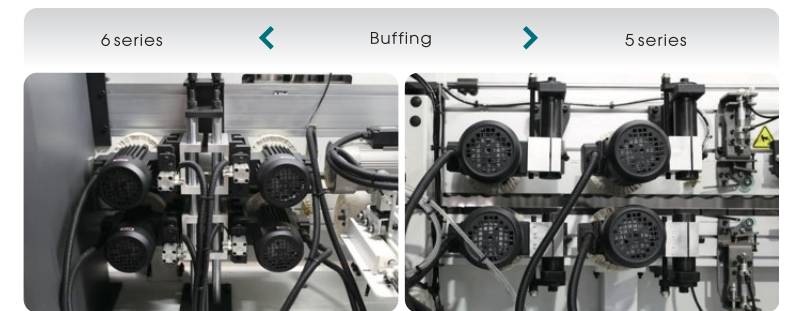
Using a left and right movable profiling rounding device, it trims all four taped corners of the panel into an R-shaped arc, allowing for four different corner rounding effects.



The pressing unit bonds the panel and tape together by using pressure wheels to press the glued edge banding tape, ensuring a stronger and more secure adhesion.



By automatically tracking with large and small discs and using a high-frequency, high-speed motor structure, it trims the excess tape from the top and bottom of the panel, forming a smooth R-shaped edge.



"Two rotating cloth wheels are used to clean the processed panel, resulting in a smoother and more visually appealing edge banding, while also ensuring even wear of the buffing wheels.

SKG-812M^{CNC}

CNC Router machine
(Linear type tool magazine)



Linear type tool
magazine



Nesting
software



Linear type tool magazine with 12 tools.
ISO30 Router Spindle, available sizes up
to 3m x 2.1m for processing jumbo sheets.
Auto loading & offloading available.



TECHNICAL SPECIFICATIONS

Model	SKH-812M	Spindle power	9KW
Working area	1300*2800mm	Drilling unit	/
Vacuum area	7 areas	Vacuum power	7.5KW
Max. Moving Speed of X axis	80m/min	Vacuum power air volume	250m³/h
Max. Moving Speed of Y axis	80m/min	Total power	20.5kw
Max. Moving Speed of Z axis	20m/min	Machine size	3700*3390*2954mm
Spindle quantity	1	Gross weight	1800kg

SKH-612GMSF ^{CNC}

Double drilling heads; automatic six sides CNC drilling machine (Rack and pinion drive machine)



Double drilling heads



Pioneering C-type double grippers mechanism



Double sided slotting

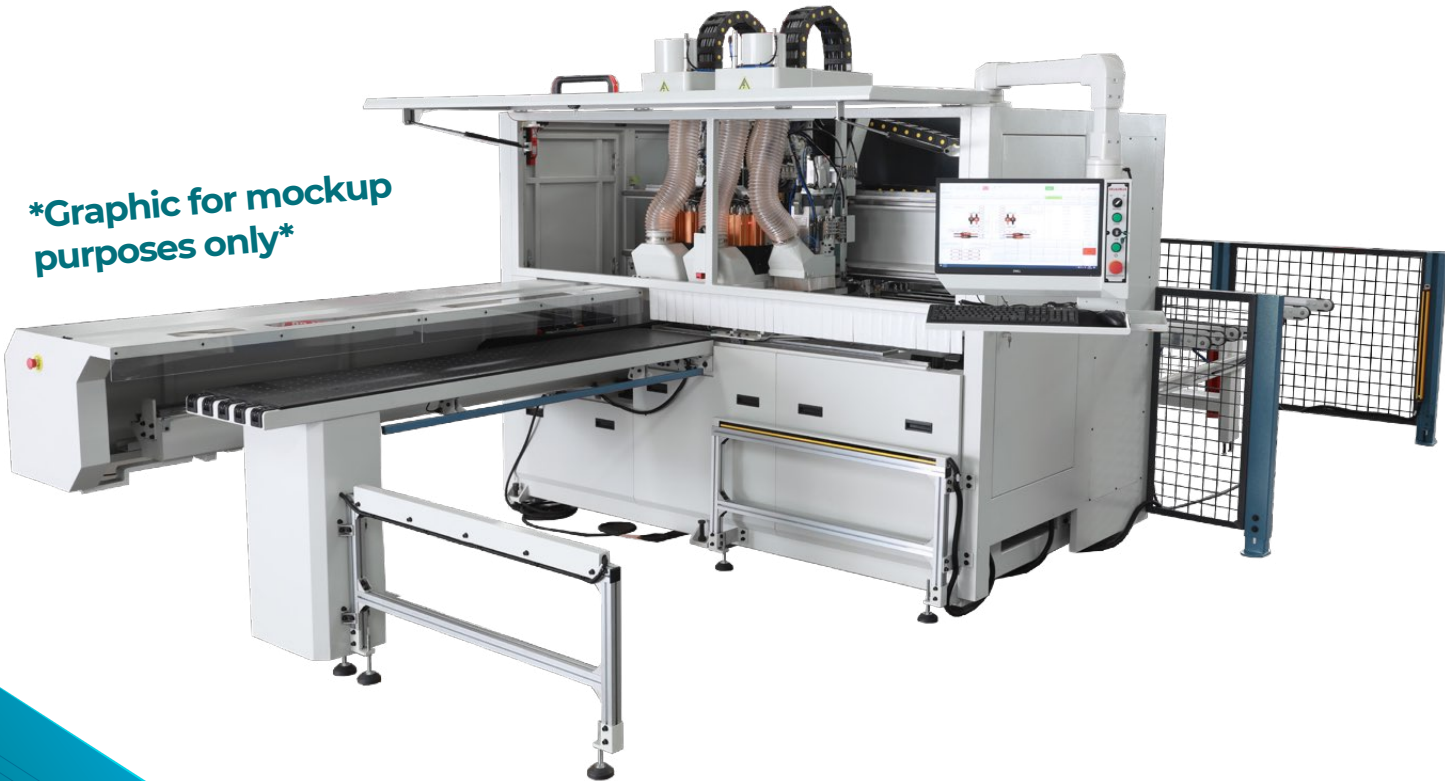


Pioneering fast drilling technology



Simultaneously process 2 panels at the same time or utilize the twin top drill heads + 1 bottom head to optimize speed & efficiency to hit all 6 sides of your panel in 1 pass. Perfect for batch work.

Graphic for mockup purposes only



TECHNICAL SPECIFICATIONS

Processing Size Range:

Min. width of work piece	50mm
Max. width of work piece	1200mm
Min. length of work piece	250mm
Max. length of work piece	5000mm
Min. thickness of work piece	10mm
Max. thickness of work piece	60mm

Vertical drilling bits	16pcs*2
Horizontal drilling bits	8pcs*2
Drilling head motor speed	4500rpm
Vertical drilling bits	9
Horizontal drilling bits	0
Drilling head motor speed	2800rpm

Top Drilling Unit

Bottom Drilling Unit

Other Data

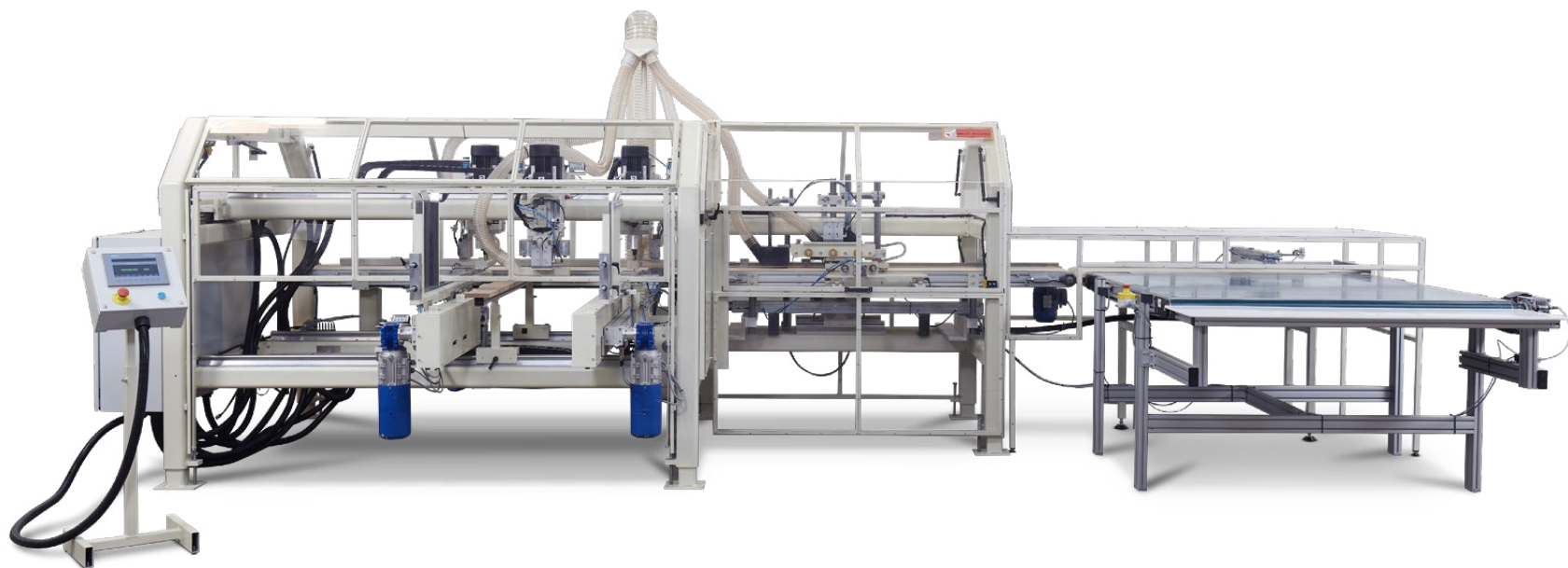
Working table height	960mm
Total power	22.22KW
Voltage	220V/380V/415V/OPTION
Working air pressure	0.7-0.8Mpa
Vacuum flow	9400m³/h
Weight	3850KG
Overall size	6480*2840*2200mm

X axis	5410mm & 130m/min
Y axis	1630mm & 85m/min
Z axis	140mm & 30m/min
U axis	5410mm & 130m/min
V axis	1340mm & 80m/min
W axis	110mm & 30m/min
A axis	1190mm & 30m/min

Working Stroke & Max. Position Speed

THROUGH-FEED CNC DRAWER DRILLING MACHINE

Custom made drawer machine including grooving unit for blind grooves. Also supplied as drilling machine only.



TECHNICAL SPECIFICATIONS

Minimum length	400m	Drill heads	2800rpm*
		*5 spindles - distance between centres 32 mm (again these can be made as per customer request)	
Maximum length	1200mm	Required air pressure	6 - 8 bars
Minimum width	200mm	Capacity	600 - 800 pcs per hour
Maximum width	305mm	PLC control system	Siemens
Drilling Units	3 units from the top (Danlist own brand)	Total weight	2500kg



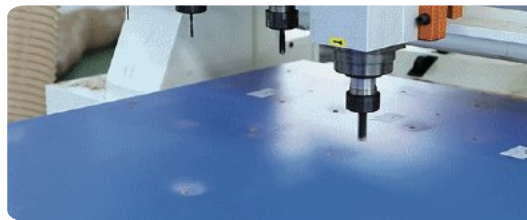
PROCESS ANALYSIS

Full catalogue for customized options



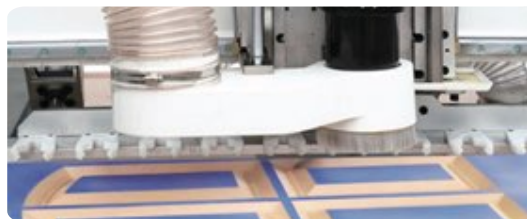
AUTO LOADING

The large panel on the lifting platform is automatically pulled to the position with positioning device by a suction cup



VERTICAL DRILLING

The upper drilling box can automatically adjust the diameter of the drill bit according to the NC file and drill, of the specified position.



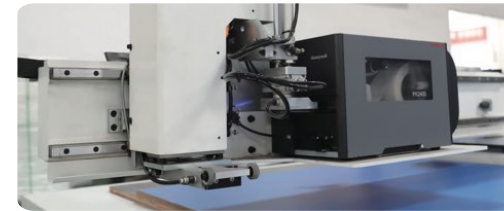
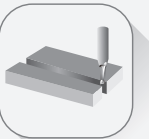
FLEXIBLE CUTTING

The cutter can cut, groove and mill the panel according to different processing technology.



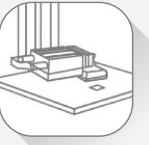
AUTOMATIC CHANGE TOOL

Can automatically pick up the tool magazine, the number of tool magazines can be customized according to customer's requirements.



AUTOMATIC LABELING

Completing labeling and cutting by through-type mode. Labeling and cutting are uninterrupted.



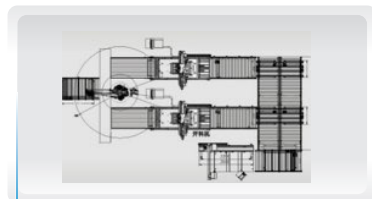
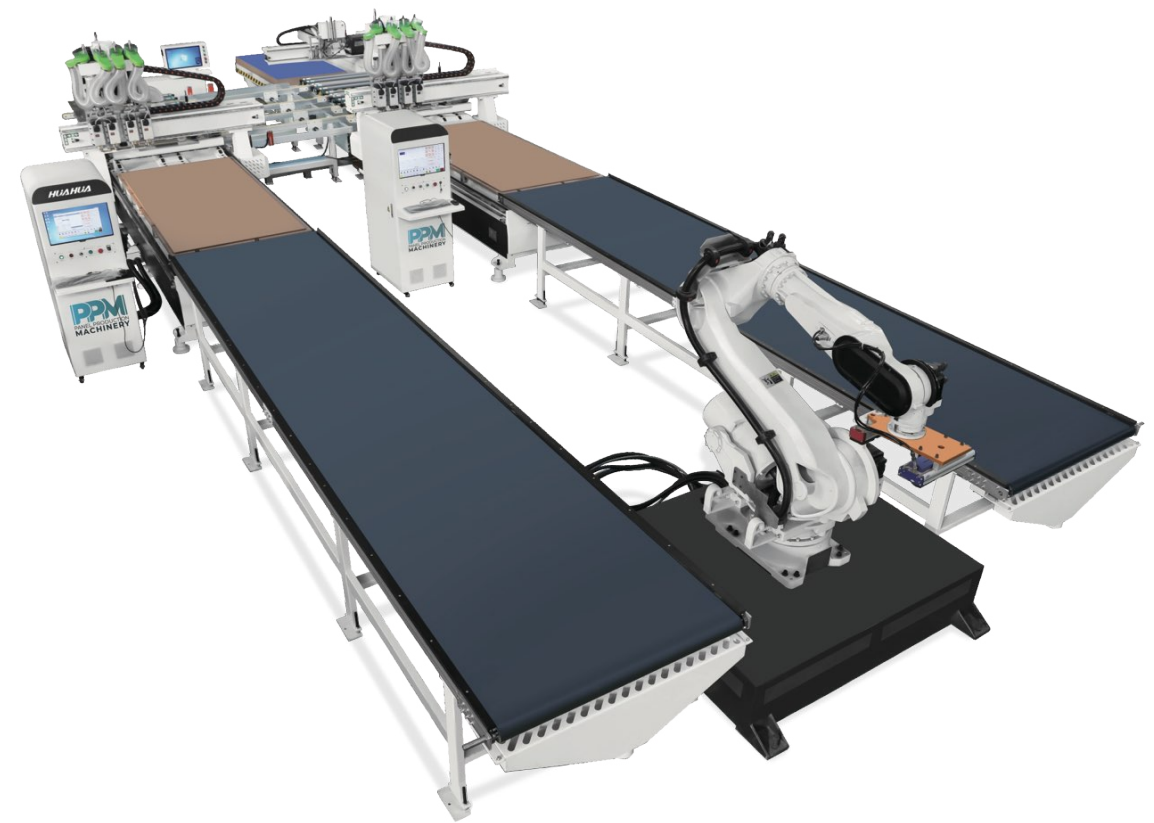
AUTOMATIC UNLOADING

Pushing the finished panel to the unloading table and clean the remaining dust on the worktable.

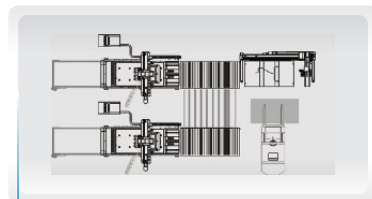


INTELLIGENT CONNECTION LINE line

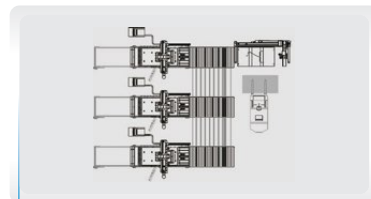
Choose different solutions according to site, capacity, process, and working procedure.
Multiple cutting & connection solutions meet different application requirements.



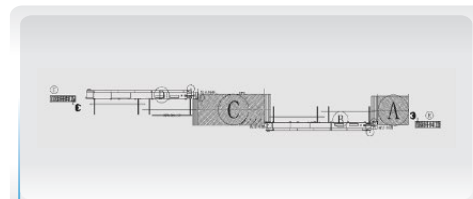
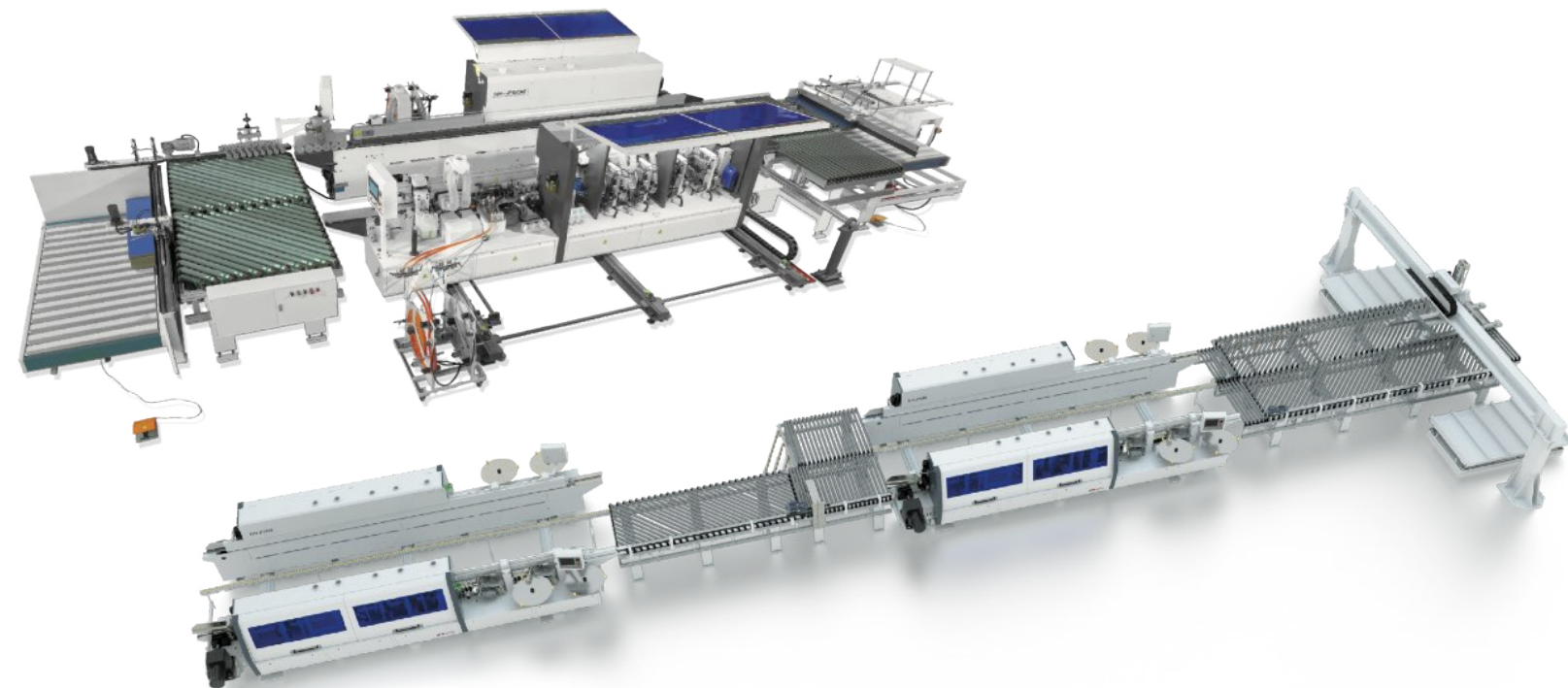
CNC - one to two machines with manipulator



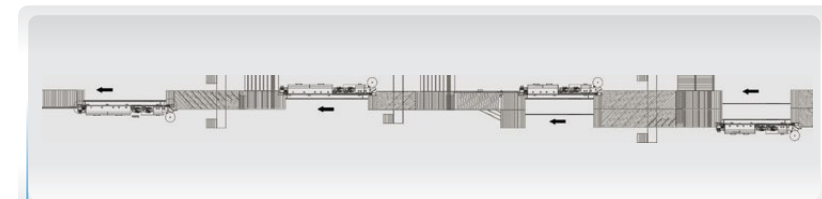
CNC - one to two connection line



CNC - one to three connection line



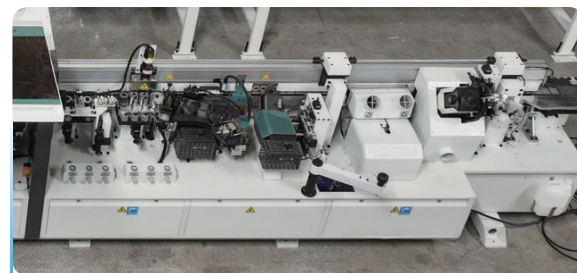
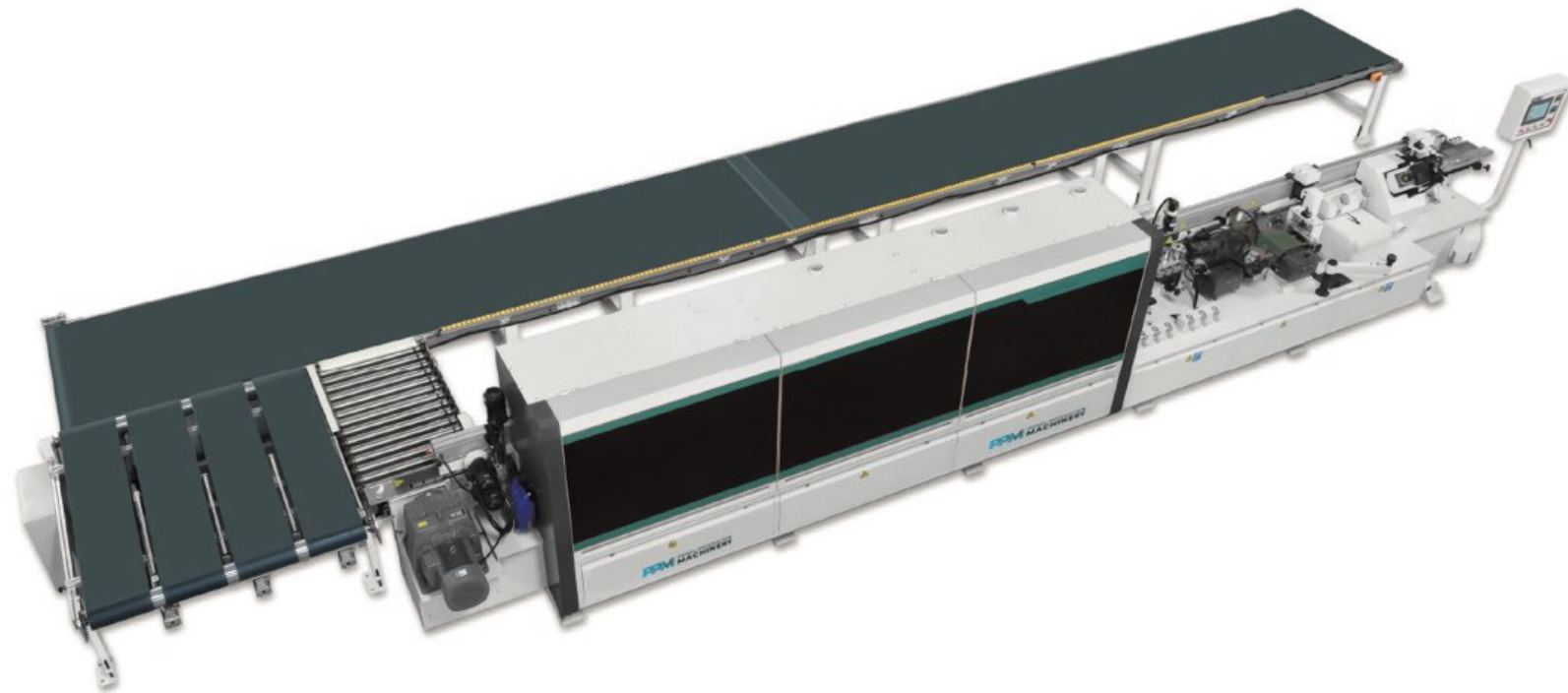
Edge-banding machine line left & right



Four sets Edge-banding machine connection line

INTELLIGENT CONNECTION LINE line

Choose different solutions according to site, capacity, process, and working procedure.
Multiple cutting & connection solutions meet different application requirements.

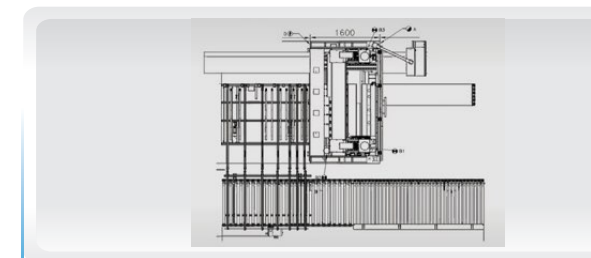
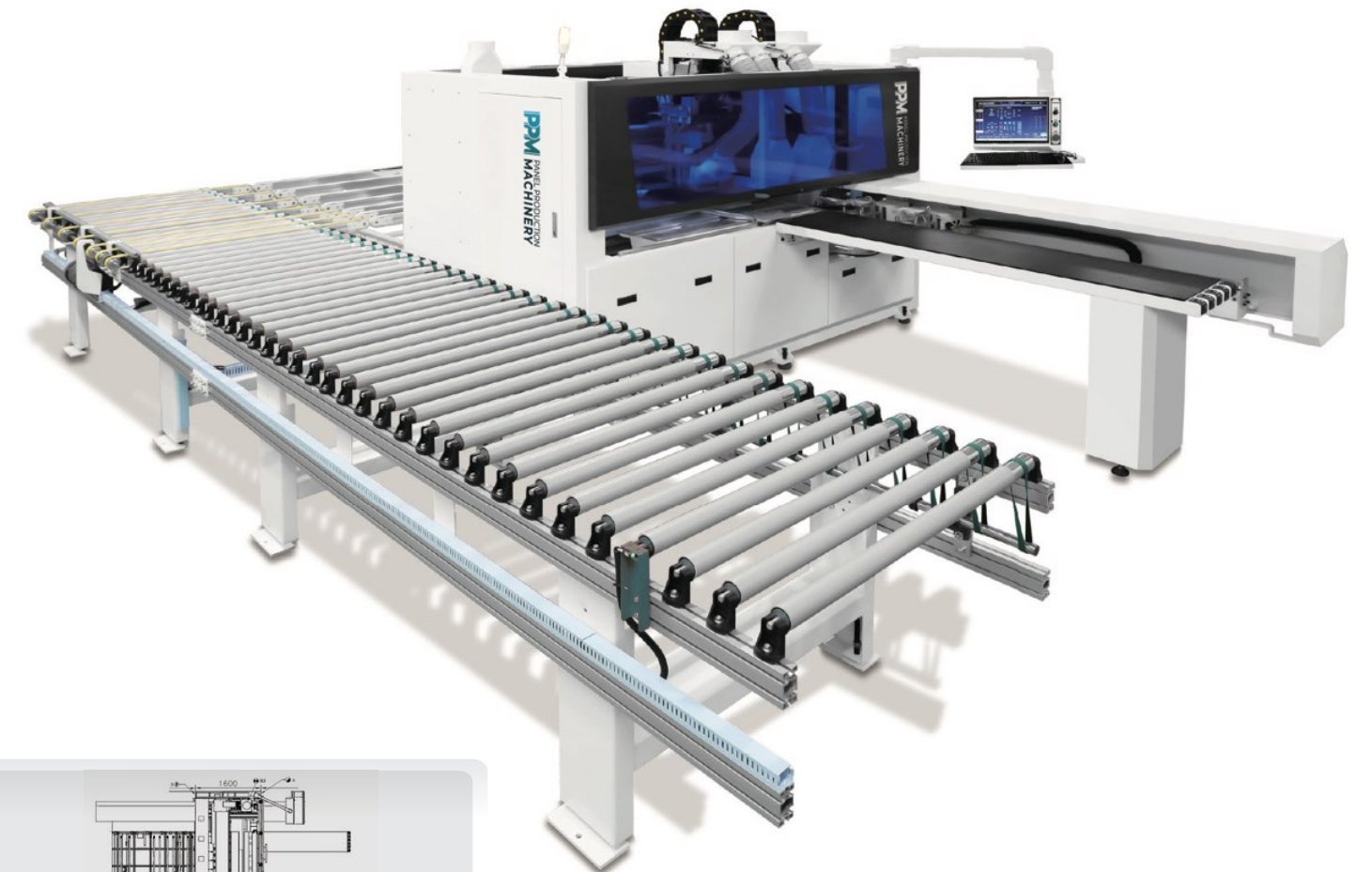


a



b

Processing modular work stations, flexible support for multiple combinations to maximise production efficiency



c Layout plan

VINYL PRESSES

Membrane Pressing, 3D wrapping of PVC Foil for MDF Doors

STRAIGHT TRAY TWIN TABLE STANDARD



TECHNICAL SPECIFICATIONS

Outside size	9600x2150x2250mm	Top Heating:	25.2kw (half power after running)
Table size	2880 x1580x40mm	Under heating:	14.4kw (half power after running)
Working size	2580 x1330x40mm	Heat transfer pump:	0.4kw
Negative(-) pressure:	0 - 0.095 Bar	Hydraulic station:	Integrated System
Positive(+) pressure:	1 - 6 Bar	Vacuum pump:	BECKER 100
Membrane pressure:	3 - 5 Bar	Control system:	PLC OMRON
Working speed:	2 - 4 min / Cycle	Heater system:	Oil heater system
Maximum processing height:	50mm	Total weight:	14,500kg

VINYL PRESSES

The TM3200C-M2 is a pin-loaded vacuum membrane press designed for efficient lamination of PVC films onto MDF panels. It features automatic pin support for precise alignment, dual heating systems, and PLC control for high-quality finishes. This machine is ideal for producing cabinet doors and decorative panels with complex 3D surfaces.



a



b

FULLY AUTOMATED
WITH OFFLOAD &
PIN SYSTEM



PPM PANEL PRODUCTION MACHINERY

BY  EYRE
INDUSTRIES.LTD

Registered office: 4 Bridgeman Terrace, Wigan, England, WN1 1SX
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