Edge bander

minimax me 28t ER

Gluing, milling and final cut in one pass with simple and precise operation

Article number
5507031

Brand
Holzkraft



Availability
No stock available
Information:
Next availability
Unknown

Catalog directory
Woodworking machinery » Edge banding machines » Edge banding machines

Purchase
Minimum 1 pc(s).

Shipping informations

Packaging Metrics		Weights		Delivery		Other	
Length	2,100 mm	Gross	530 kg	Delivery	Carrier	DualUse	✖
Width	600 mm	Net	525 kg	Content	1 pc(s).	SCIP	n/a
Height	1,300 mm					SVHC	No

Root data

Country of origin	EAN	Customs Tariff Number	Quantity unit
Italy	4036351291107	84659900	pc(s).

Video

www.youtube.com/watch?v=0XdT2RQQhb8

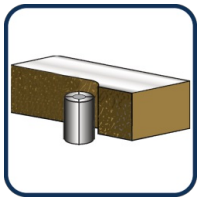
MADE IN ITALY

Description

- Sturdy steel cast iron construction with high rigidity for lasting precision
- Combination milling unit with carbide cutters and chrome-plated indexing shoes for optimum milling results in flush and radius milling
- Comfortable operation via ergonomic control panel on the front of the machine
- Especially short set-up times
- Large contact surface due to extractable workpiece support
- Pre-milling unit with DIA cutter Ø 80 mm, height 56 mm
- Precise feed of the workpiece via feed belt at the bottom and double rubber pressure rollers at the top for high traction and to avoid scratches on the workpiece surface
- Fast operational, low space requirement, low energy requirement
- Electronic temperature regulation with standby function to 150 °C, which prevents over-cooking of the glue and allows a quick re-heating to operating temperature
- 5 heating elements ensure a uniform heating of the glue
- Absolute quality of edge banding due to automatic positioning of all working units in synchronism with the position of the pressure bridge and matched to the thickness of the plate
- Easy adjustment of plate thickness via a numeric display
- Glue container made of aluminum with non-stick coating
- One suction nozzle each for milling unit Ø 120 mm, joining unit Ø 80 mm and gluing station Ø 60 mm

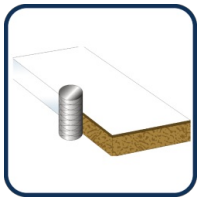
Manufacturer
SCM Group S.p.A Div. MINIMAX
Via Casale 450, 47826 Villa Verucchio (RN), Italy
minimax@scmgroup.com

Significant Features



Pre-milling unit

- Two diamond cutters
- Insert controlled



Gluing unit

- Fast and uniform heating of the hot melt adhesive by heating rods that are located both in the glue pot and in the applicator roll



Crosscut knife
Crosscut knife



Cross-cut unit

- Guided by precision ball bushings on hardened round rods, guidance guarantees long-term high precision
- By changing the immersion, depth is capped or capped and rounded



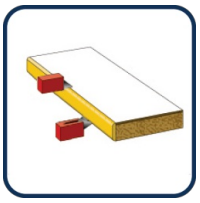
Flush radius milling unit

- Combination Milling Tool for high quality machining and versatility
- Horizontal and vertical guide rollers for edge finishing
- High-frequency motors ensure optimum quality
- Simple, precise setting and high repeatability v



Radius scraper

- For the perfect finish of plastic edges
- With device to reset the unit if it is not needed



Surface scraper

- For the perfect finish of plastic edges
- With device to reset the unit if it is not needed

Media informations





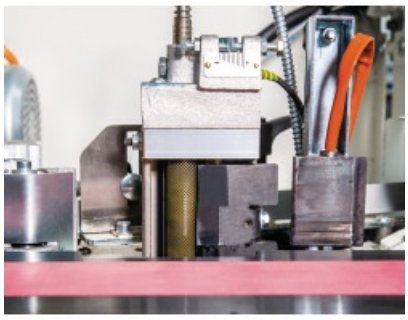
Operator Panel

The machine panel mounted on the front panel allows all machine functions to be controlled quickly. In particular, it is possible to easily and conveniently switch off the flush trimming unit on the PLC in order to achieve a max. Thickness of 5 mm to perform the gluing.



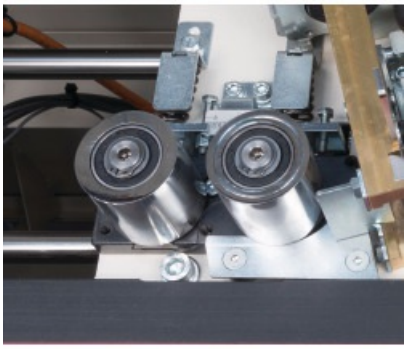
Joining unit

- One DIA cutter Ø 80 mm, height 56 mm



Glue station

The glue is heated quickly and evenly by the heating rods, which are located both in the glue pot and in the glue application roller itself. PLC commands keep the temperature constant even when the machine is in stand-by.



Pressure rollers

- Two pressure rollers press the edge onto the workpiece efficiently and evenly
- Adjustment of the position of the printing unit conveniently from the front of the machine



Cutting unit for precise 90° cuts

- Driven by an independent motor
- For the precise 90° cut of the protruding edges
- Simple Setting the saw blade to the thickness of the edge to be processed with numerical display



Flush and radius milling unit for optimum edge machining

- Equipped with 75 mm diameter milling cutters
- With indexing shoes for perfect adaptation to the workpiece to be machined
- Cutters are suitable for straight flush and radius milling of thin or thick edges - whether PVC, ABS, melamine or wood



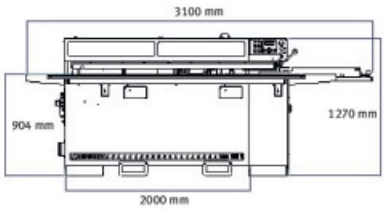
Scraper unit

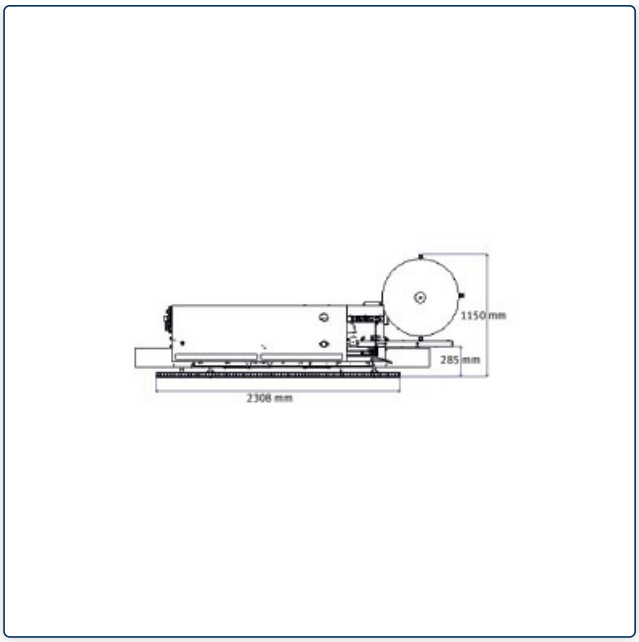
- Stable design for continuous operation
- Accurate positioning is guaranteed by copying slides.
- With device for resetting the unit when it is not needed



Surface Scraper

- Absolute Cleanliness: For the perfect finish of surfaces on the workpiece surface





Technical data

Dimensions and weights			
Length (product) approx.	3100 mm	Width/depth (product) approx.	1150 mm
Height (product) approx.	1270 mm	Net weight approx.	521 kg
Max. width/depth (product) ca.	1410 mm		
Flush radius milling unit			
Flush radius milling unit current draw	0,75 kW	Flush radius milling unit miller diameter HM	75 mm
Flush radius milling unit miller speed	9000 min^{-1}		
Electrical Data			
Supply voltage	400 V	Mains frequency	50 Hz
Gluing unit			
Glue pot current draw	0,18 kW	Glue pot operating temperature from to	20 – 190 °C
Glue pot extraction port diameter	60 mm	Glue pot filling quantity	0.8 kg
Pneumatic connection			
Operating pressure	6.5 bar	Air consumption	470 l/min
Feed			
Feed current draw	0.55 kW	Feed speed	7 m/min
Edges			
Edge thickness reel material	0,4 – 3 mm	Edge thickness strip material	0,5 – 5 mm
Trimming unit			
End trimming unit current draw	0.37 kW	End trimming unit saw blade diameter	90 mm
End trimming unit saw blade speed	12000 min^{-1}		
Pre-milling unit			
Pre-milling unit extraction port Ø	80 mm	Pre-milling unit current draw	2,2 kW
Pre-milling unit milling speed	9000 min^{-1}	Pre-milling unit diamond milling Ø	80 mm
Pre-milling unit material removal	0.5 / 1 / 1.5 / 2 mm		
Workpiece			
Workpiece thickness	12 – 50 mm	Minimum length of workpiece	190 mm
Min. work piece width	110 mm		
Milling unit			

Milling unit extraction port Ø	120 mm		
Product information EU 2023/2854			
Type of the generated data	Usage data	Format of the generated data	Common, machine-readable formats such as JSON
Amount of data	Up to 5 MB	Continuous data generation in real time	Yes
Data storage location	On the device	Data access	On the device
Further information	In the operating instructions or at info@stuermer-maschinen.de		

Equipment

Roller edge rotary platen	730	Pre-milling unit	✔
Bonding unit	✔	Flush trimming unit	with saw and corner rounding function
Flush radius milling unit	✔	Radius scraper unit	✔
Area scraper unit	✔		

Accessories



Diamond tools for jointing cutter

holzkraft Holzbearbeitungsmaschinen

Article number	Availability	Purchase	Price informations
5514553	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Melt adhesive
5 kg

holzkraft Holzbearbeitungsmaschinen

Article number	Availability	Purchase	Price informations
5517023	In stock Immediate delivery	Minimum 1 pc(s).	



Melt adhesive
25 kg

holzkraft Holzbearbeitungsmaschinen

Article number	Availability	Purchase	Price informations
5517024	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

Options equipment



Strip edge magazine

Article number	Availability	Purchase	Price informations
5514550	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Edge heating device

Article number	Availability	Purchase	Price informations
5514551	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Tool Kit

Radius 3 mm

Article number	Availability	Purchase	Price informations
5514552	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	



Flush-trimming unit with saw and function corner rounds

Article number	Availability	Purchase	Price informations
5514554	No stock available Information: Next availability Unknown	Minimum 1 pc(s).	

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