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AUTHORIZED RESELLER CARBE S.R.O.

To the kind attention o

We introduce the OFFER N.

For the furniture of:

2010070000091

AUTOMATIC EDGE-BANDER SERIE SMART-S600

Offer Manager: CARBE S.R.O.



MACHINE FEATURES

SMART series of edge bander were designed to be compact, versatile and user-friendly. They have a rigid steel frame and a top pressure beam with a double row of wheels and top work-unit lifting. The movement is read with a digital position indicator.

A conveyor belt with a flat, round profile is aligned with the top bar. In order to ensure maximum precision, the belt is moved by a sturdy 1 1/2" (38.1 mm) chain driven by a 0.75 kW right angle gearmotor. The feeding speed is 12,5 m/s.

The control panel is located in an easy-to-access, practical position. This panel contains the controls to start-up the machine and the PLC for machine management and optimisation.

The PLC has a display, which visualized: feeding speed, glue pot temperature, and the programme-type selected by the operator.

The spacing required between each panel is managed by the PLC by means of an LIGHT.

The panel is mensured with fibre optic barcode in order to obtain the precise operations of each working group.

The glue pot located under the band feed table is lined with Teflon in order to make replacing and cleaning the glue easier.

The glue pot has 6 resistors which provide 3.6 kW of heating power.

The glue pot is moved horizontally at a 45° angle by a 25 mm prismatic guide.

Rolls of edgings up to a maximum thickness of 3 mm, with an Ø800 mm thickness of 3 mm, with an Ø800 mm swivel roll holder can be loaded automatically through the pneumatic positioning of the edging return.

The loading of edge strips, maximum thickness of 8 mm, is a standard with individually strips loading or the leaing of edge strips (max 8mm) can be automatically performed by adding the optional no.5 (spike pin roller).All the motors are 12000 RPM inverter controlled.The machine has separate cabins for the glue pot and the working units are viewable through windows. It is also included a safety microswitch and a light for improved operator visibility.

Main shaving hood Ø 120 mm complete with the shaving hood to intake smoke frm the glue pot.

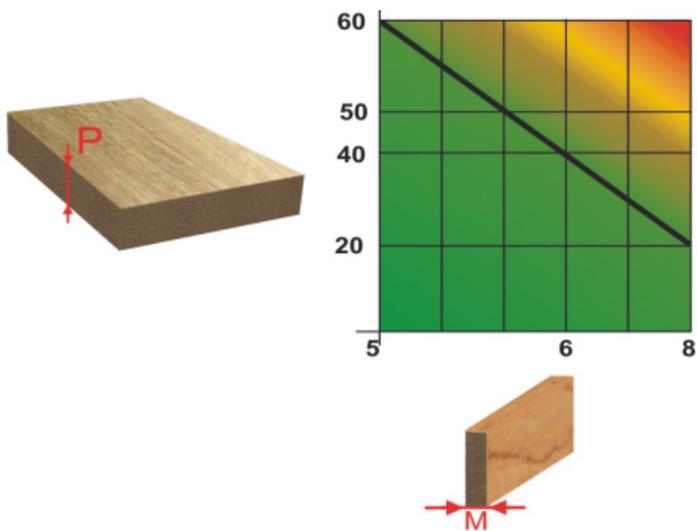


SPECIFICATIONS

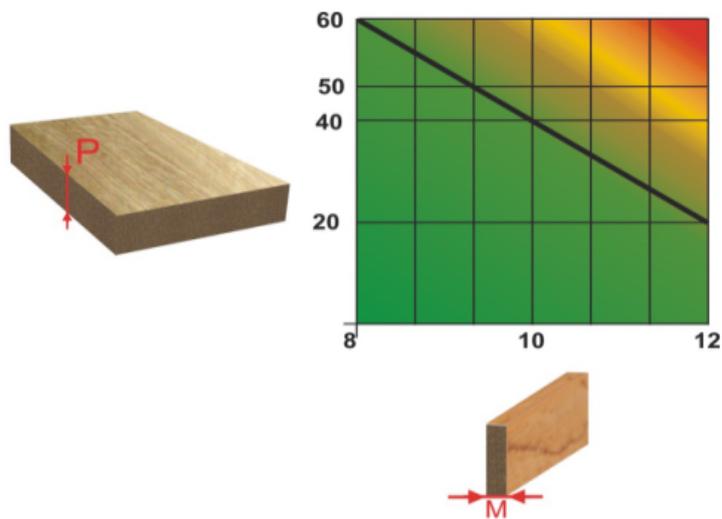
Panel thickness	10 - 60 mm
Panel width	min. 100 mm
Edge width	15 - 65 mm
Edge thickness	0,4 - 8mm (12mm optional 34)
Feed speed	12,5 m/min (12,5 - 16 mt/min optional 43)
Capacity of glue pot	3 Kg
Voltage	230/400 V 50/60Hz-3 Ph+N
Minimum length of panel	140 mm (PVC)
Pneumatic power	6 bar
Weight Kgs.	1500 Kg
Dimensions of machine	4,775 m
Installed power	460V 3P N 50Hz



WORKING CAPACITY



Working capacity standard



Working capacity increased with 34 selected

OPTIONAL ACCESSORIES

01 LARGE SUPPORT Ø800 mm rotating banding table, for loading the coil banding

Strips and pre-cut formica veneer are loaded manually.

Included into machine price



23 TWO SPINDLES ADJUSTABLE FEEDING FENCE

TWO SPINDLES ADJUSTABLE FEEDING FENCE, two high frequency motors with Kw 1,1 each, 1,5 Hp each, with programmed entrance and exit. Equipped with Ø 60xH64 tools and pneumatic cut-out.

Available on all the Smart models

Not available with additional 18 selected

EUR 10,590.00



24 IR LAMP

It allows a quick heating on the edging panel side with a better edging.

Available with optional 23 selected

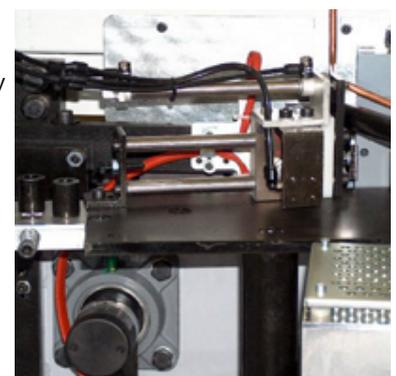
EUR 890.00



02 RETURN-EDGE

COIL BANDING, VENEER, MELAMINE PAPER and PVC/ABS up to 3 mm are automatically cut by the shear trough positioning of the RETURN-EDGE.

Included into machine price

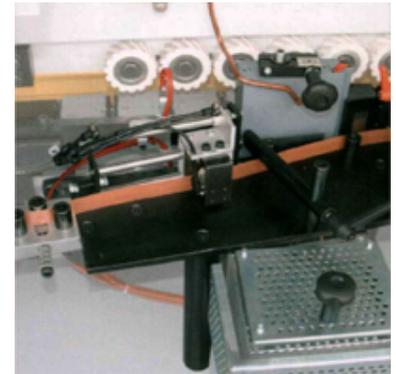


OPTIONAL ACCESSORIES

03 LOADER

For the rolled, veneered, melamine, PVC and ABS edges up to 3 mm, the feeding is automatic and is carried out by pneumatic positioning of the edge return.

Included into machine price

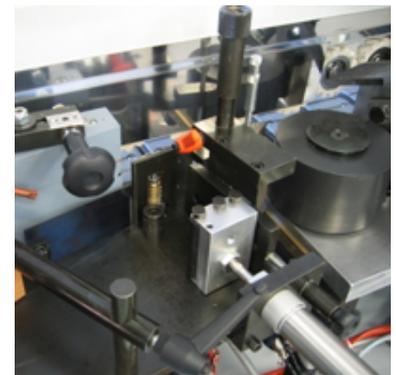


05 AUTOMATIC LOADER

(pin roller) for pre-cut edges, strips, formica.

They are driven by a pin roller for automatic loading complete with shear to cuVC and ABS up to 3 mm and role carrier plate Ø 800.

EUR 650.00



04 GLUE POT

A teflon-line glue pot for applying granulated hot melt adhesive is located under band feed table.

The glue roller is synchronized with the panel speed to ensure even and perfect glue spread. The teflon-lining make replacing and cleaning the of glue easier.

The temperature is controlled by the PLC.

GLUE POT with quicke release system

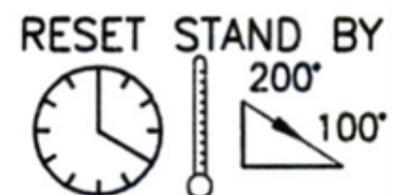
Included into machine price



17 AUTOMATIC TEMPERATURE REDUCTION

for the glue pot unit, with timer.

Included into machine price



OPTIONAL ACCESSORIES

06 PRESSURE ROLLER

is composed by 1 motorized roller and by 2 contrast conic rollers, which are pushed by 3 pneumatic cylinders.
Between the pressure unit is assembled a pneumatic shear for cutting thin tape and PVC up to 3 mm thickness.

Included into machine price



07 SHEAR TO CUT PVC AND ABS UP TO 3 MM

SHEAR TO CUT PVC AND ABS UP TO 3 mm

Included into machine price



08 END TRIMMING UNIT

has 2 independent 12000 RPM motors
0,50 Kw (Hp 0,70) with Ø100x20x3,2-Z24 circular blades, moving
on linear guides with four contact points 25 mm thickness and the 2 motors can be tilted manually
from 0° - 15°. The 45° up-down movement of end trim motors is controlled by two pneumatic cylinder.
Selector switch with pneumatic on/off for end trimming unit

Included into machine price

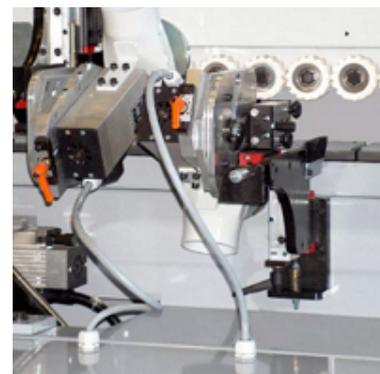


09 TRIMMING UNIT

Radius: UTENSILI R=2+PIANO 8

THE TRIMMING UNIT is a multifunction type and it is complete with 2 motors of kw 0,73 (hp 1,00) each motor. The tilting of the motors is manually performed 0-15°. Each motor support slides on a prismatic guide of hardened and rectified steel with linear guides of 15mm thickness and four contact points. The setting device for different types of edges has a "rapid setting" and the edge can be changed with a unic simplicity. The trimming unit motors are complete with the "multi-purpose" toolings.

Included into machine price



OPTIONAL ACCESSORIES

21 SYNCRO ROUNDING UNIT (patent)

Radius: Tools R=2

This device is used to round off the edges of the panels, and its strong points are the compact size, excellent finish to the radius, adaptability to different panel profiles without any special adjustments or settings required, and it also works on all 4 corners of the panel during the panel advance stage. The machine can operate with the rounding unit engaged or disengaged without reducing the production capacity of the beading machine.

It has a 0.22 kW motor 12,000 rpm, complete with 40Ø facing cutter, or with a R3 50Ø radius, 2 suitably powered motors drive all movements and rotation, which are electronically controlled and synchronised (CNC).

Maximum working panel height from 10 mm to 60 mm.

Included into machine price

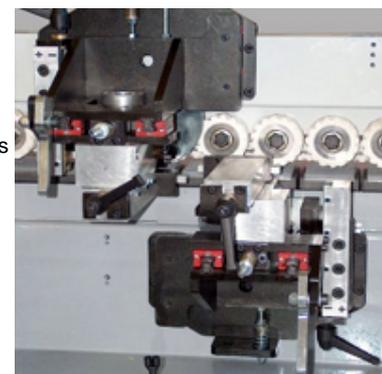


10 SCRAPING UNIT

Radius: UTENSILI R=2+PIANO 8

This unit perfectly scrape and clean the edge of 2 to 3 mm thickness PVC/ABS, obtaining a smooth surface free of waves or knife marks. They heavy duty steel frame, the sensitive rotary copying devices, together with 8 prismatic guides with 4 contact points, make the unit rigid and sturdy. The unit is connected to the main shaving hood and it is complete with 2 air blowers and a shaving box for collection of the ABS/PVC shaving strips.

Included into machine price



20/10 PNEUMATIC LOCK

out selection switch on the control panel for the units scraping.

Available with optional 10 selected

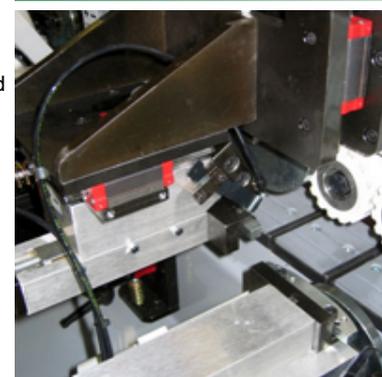
EUR 420.00



15 AIR NOZZELS FOR SCRAPING UNIT

The nozzels blow air on the knives during the scraping processing to extend the life of the tools and guarantee superior finishing.

Included into machine price



OPTIONAL ACCESSORIES

12 BOX FOR SHAVINGS

Complete with two suction openings to remove shavings of scraper.

Included into machine price



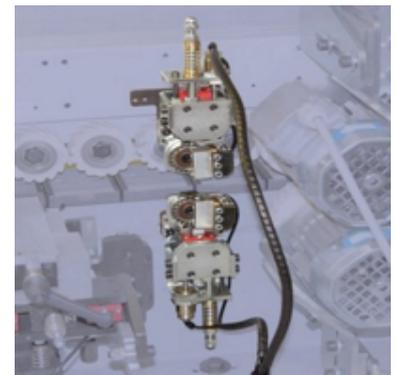
25 GLUE SCRAPEING UNIT

it is provided with hard metal with a sharp profile. It scrapes the exceeding glue from the panel in order to obtain a perfectly clean surface. It is complete with a timer for on-off and a nozzle air blower.

Not Available on Model ST300

Not available with additional 38 selected

EUR 1,620.00



11 TILTING BRUSHES BUFFING

Brushing unit with two motors hp 0,09 each at 1400 RPM. The 2 units can be manually horizontally tilted and they can be positioned vertically or against the working panel in depth.

Included into machine price



16 NEBULISING UNIT

at timed intervals. Nebulises the anti-adhesive liquids of the brushing unit.

Ensures that the applied edge is perfectly clean and buffed.

Available with optional 11 selected

EUR 750.00



OPTIONAL ACCESSORIES

13 HOT AIR BLOWERS

Hot air blowers (two blowers) at timed intervals on the scraping unit.

For pre-cleaning any excess trimming from the panel before it passes to the edge.

Included into machine price



| Customer: CARBE S.R.O.
| Fravol person: CARBE S.R.O.

| Offer N.: 2010070000091
| Date: 13/07/2010

GENERAL SALES CONDITION

List price	48,390.00 EUR
Discount	
TOTAL PRICE	
VALIDITY	15 DAYS FROM DATE OF OFFER
Normativa	CEE
Tools	INCLUDED IN STANDARD MACHINE
Guarantee	<p>The guarantee covers the mechanical parts for a period of 12 months and the electric and electronic parts (at the controllable judgement of our supplier) for a period of 6 months from the date of the receiving inspection on the users premises. The guarantee is to be understood for a daily use of 8 hours. Tampering and improper use of the machine is not included in guarantee. The parts we consider covered by guarantee are supplied free of charge whereas the transportation costs of the material are to be charged to the receiver. In the event that an intervention by the Fravol personnel is necessary, the purchaser has to pay their travelling expenses, board and lodging for the entire duration of the intervention. Any compensation is excluded for any damages deriving from unsuccessful production in consequence on defects of the machine (or other damages inherent to persons or things). Apparent defects or missing parts are to be notified by fax within 7 days of delivery of machine.</p>

SIGN FOR CONFIRMATION

FRAVOL EXPORT S.r.L.

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The company reserves the right to alter any details with no advice

