

Rover Edge Go S P A13 30A

Single-sided edgebander



ITEM

QUANTITY

WEA-00004

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Rover Edge Go S P A13

Single-sided edgebanders for the application and processing of flat edge-banding material in coils (melamine, PVC, ABS, veneer) and in strips (solid wood, Formica, planed veneers etc.)

Standard features

Numerical Control switch board

The numerical control SMART TOUCH 23" allows the machine management and its functions.

Technical characteristics:

- Graphic 23" LED display touch screen, 1920x1080 pixels. High-resolution screen for defined and intuitive images and text.
- Windows operating system.
- Integrated 128GB hard disk for filing media files and the programs back up.
- USB port for managing in a simple and efficient way multimedia files, programs and updates.
- Ethernet port for connecting the machine to the net.
- Sintra HD software, simple and intuitive touch interface for all operators' quick learning. It supports the multi-language function.
- Multicolor led. The led system positioned in the cabin allows to monitor the machine status.

Some of the included functions

- Automatic start-up of the groups and motors as defined in the program.
- Direct buttons for the choice of the first and second passage, for fast working changeover.
- Managing of the numerical axis and automatic working changes.

Panels gap**	350	650	mm
Dust extraction system for each operating unit	1 hood Ø 100		mm
Pneumatic connection	7		bar
Working voltage	400 V/50 Hz		threephase + neutral
Control voltage	24		V - CC
Static frequency inverter	200		Hz
Glue pot capacity**	2 (approx.)		Kg
Glue pot heating time at ½ load	10 (approx.)		minutes

* Minimum panel height: 8 mm with a maximum edge thickness of 1,5 mm.

** According to the working unit chosen.

*** If the edgebander is in line with a panel return system, the maximum panel length is that indicated in the panel return technical data.

NOTE: Maximum machine capabilities (work speed, edge thickness, adjusting ranges) are conditioned by the capabilities of the single units installed.

EC-UKCA Norms included.

Single-sided edgebander Rover Edge Go S P A13 30A

Slot for Pre-milling Unit RT02

Gluing Unit SP03

Applies the hot melt glue on the panel, feeds the edge to be applied to the workpiece, automatically cuts the coils of edge-banding material to length and presses the applied edge ensuring that it adheres perfectly to the panel.

It includes:

- Glue pot and glue spreading roller. Melting group and glue application by spreading roller.
 - The system is complete with a copier to apply the correct amount of glue to the panel.
 - Manual device for the quick exclusion of the glue pot.
 - Quick heating and double thermostat for differentiated temperature control. The glue pot is completely coated with non-adhesive material. Automatic glue temperature lowering in the glue pot when the machine has been idle for a set period of time.
- Quick change of the glue pot for an easy maintenance or change colour/type of glue.
- Pneumatic edge feeding system (automatic for edges in coils and manual for strips) complete with coil holder disk.
- Cutter knife for the automatic cutting of edges in coils with a maximum thickness of 3 mm and a maximum section of 140 mm². Maximum cutting section is guaranteed on PVC edges; for different edge materials, this value could be lower. Placed before the 1st edge pressing roller.
- Pressure rollers. Edge pressing system, consisting of:
 - A first motorized roller, diameter 90 mm.
 - Two idle rollers, diameter 60 mm (opposing cones).

End trimming Unit IT03

Carries out the trimming of edge excess at the front and rear panel side.

Complete with 1 high frequency motor (0,8 kW) at 12000 RPM, with saw blade.

The cut can be straight or tilted with an angle between 0 and 15 degrees (NC selectable).

Features:

- Great reliability thanks to the sliding of ball blocks on linear guides.
- Perfect finishing thanks to the "no sliding" feature between copiers and edge.
- Desmo cutting system for higher cutting precision.
- Reduced panels gap for higher productivity.
- Flex system for edge trimming with controlled overhang. It enables to set from the control panel the cutting position of the blades to obtain a pre-set overhang of the edge being trimmed. Ideal for applications that require corner rounding, in particular on soft/post-formed panels.

Fine trimming Unit RF02

Carries out top and bottom fine trimming or corner trimming of the glued edge.

Complete with 2 high frequency motors (0,65 kW each) at 12000 RPM.

Characteristics and benefits:

- Integrated suction system.
- Frontal and vertical rotating disk copiers.
- Motor carrier unit quick-disconnect system.

NC pneumatic exclusion included.

Tools are not included.

Corner rounding Unit AR02

Carries out the corner rounding and the top and bottom trimming on panels edged up to a maximum thickness of 3 mm.

Complete with 2 high frequency motors (0,65 kW each) at 12000 RPM and integrated suction system.

The corner rounding processing is possible both on panels with straight profiles and post-soft/formed panels with 90 and 180 degrees.

High finishing quality thanks to the movement on linear guides with recirculating ball screws, vertical oscillating copiers, frontal copiers with pre-copying system.

Tools are not included.

Slot for Edge scraper Unit RB02

Slot for Glue scraper Unit RC02

Slot for Brushing Unit SZ02

PL2410173

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Rover Edge Go S P A13 Panel Thick Edge Regular

BPL-00001

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M1 Package

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PRE-MILLING UNIT RT02

Rectifies the piece being machined before applying the glue, creating a flat and uniform surface without imperfections where to apply the right amount of glue. Complete with 2 high frequency motors (1,8 kW each) at 12000 RPM.

Characteristics and benefits:

- Chip-free finish, precise and constant machining over time.
- Independent automatic timed intervention of the 2 motors.
- Auto-set Device. Ensures optimal positioning of the milling cutter according to the thickness of the piece being machined.

Symmetrical diamond tools H=45 mm Z=2+2 30° included.



NOTES: the amount of material that can be removed depends on the panel material and the feed speed of the panel itself. Maximum performance is only guaranteed with chipboard panels.

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EDGE SCRAPER UNIT RB02

Carries out finishing operations on thick plastic edges.

Manual adjustment between two profiles.

Reliability, repeatability, precision and cleanliness are guaranteed by:

- Frontal and vertical rotating disk copiers.
- Compressed air blowers on the copiers.
- Suction kit with chips collection box.

NC pneumatic exclusion included.

Tools are not included.

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GLUE SCRAPER UNIT RC02

Finishing unit to remove the exceeding glue in the junction panel-edge.

Complete with turning discs copying device and flat blade knives with timed intervention.



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BRUSHING UNIT SZ02

Self-adjusting unit with the panel height, to carry out the cleaning and polishing of the applied edge using cloth disc brushes.

Complete with 2 motors (0,37 kW) at 2800 RPM.

**C0300008****1****NC AXIS PACKAGE - GROUP OF DEVICES THAT ENABLE THE AUTOMATION OF MACHINE SET-UP**

It includes:

- AX-1: NC axis on the infeed fence.
- AX-1: NC axis on edge pressing roller conveyor.
- AX-4, NC axes on Fine trimming Unit.
- AX-2, NC axes on Corner rounding Unit.
- AX-4, NC axes on Edge scraper Unit.

Cod. C1300323, C1501002, C1506003 required.

E4000270**1****STRAIGHT AIR TABLE AT THE MACHINE INFEEED**

Thanks to air table it is possible to handle large panels at the machine infeed.

- Air cushion table, dimension 500x2000 mm.
- Electric fan power 0,75 kW.

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