OLIMPIC S 1000
Automatic heavy duty single-sided edge bander
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Automatic heavy duty single-sided edge bander

EDGE BANDING ON ALL 4 SIDES
3D DESIGN
PROGRAMMING
CUTTING
EDGE BANDING
3 AXES BORING/ROUTING
CALIBRATING/SANDING
ASSEMBLING

OUR TECHNOLOGY BEHIND YOUR IDEAS
AUTOMATIC HEAVY DUTY EDGE BANDER
The perfect solution for any edge banding production requirement

An exclusive level of technology
Reliability with high performance
Important details
INNOVATIVE SOLUTIONS AT THE TOP OF EDGE BANDING SPECIALISATION

BAR CODE READER (OPT)

- No errors with the automatic program recall

STARTOUCH CONTROL

(supplied as a standard feature on the entire range)

- Simple and controlled diagnostics to obtain a quick solution to any malfunctions
- Indication of the main production data with absolute and partial values
- Indication for programmed maintenance operations for the machine

CURRENT ALARMS PAGE

PROCESS DATA PAGE

MACHINING EXAMPLES WITH THE 4 MOTORS ROUND GROUP

ROUND 4M ROUNDING GROUP

- Optimum rounding and trimming of the edging up to 5mm for all straight, chamfered and post-formed panels
- Particularly suitable for the rounding of solid wood
- Rounding angles with 18 m/min track speed
- ED-SYSTEM high efficiency exhaust hoods

“3 EDGE” KIT (OPT)

- Automatic positioning of the group and the tools for the machining of 3 edges with a different radius and 1 thin edge banding.
FOR AN INDUSTRIAL PRODUCTION AT THE BEST LEVELS

Reliability with high performance

Panel Spacer (Opt)
- Panel introduction into the machine with the correct space between panels
- The distance between the panels is automatically optimised according to the selected operating groups

Infrared Ceramic Lamp (Opt)
- Optimum glue adhesion with the cleaning of the machined surface

RT-E Panel Edge Trimming Unit
- Provides a perfect surface for gluing the edge
- ED-System high efficiency exhaust outlets
- Constant removal on the entire panel length with the copying devices kit supplied as a standard feature

Easy Size Plus Device (Opt)
- Allows the adjustment of the material removal of the panel edge trimming group in a few seconds due to the powered axes positioned on the infeed fence and copying device of the group

AAR Anti-Adhesive Group (Opt)
- It ensures the highest finish quality by preventing the glue sticking to the upper and lower panel surface

AAR Anti-Adhesive Group
- Anti-adhesive group
FOR AN INDUSTRIAL PRODUCTION
AT THE BEST LEVELS

VC 1000 GLUING GROUP
- It is possible to edge material strips up to 15 mm thickness and coiled edges up to 3 mm
- Pre-melting device for the automatic feed of glue to the glue pot (opt), it is advisable for panels which require a high consumption of glue
- Optimum gluing of solid wood edges with the reverse rotation of the glue roller

LOCKING OF COPYING OPERATION (supplied as standard feature on the entire range)
- Optimum finishing including delicate panels.
- The locking of the glue pot copying operation in the last panel section avoids contact of the roller with the panel.
- Automatic exclusion of the glue pot in the case of non-use of the group or stopping of the feed track.

GLUE POT SUBSTITUTION
- Rapid changeover of the glue colour/type of glue to be applied
- The “Fastlock” rapid unlocking system allows for fast glue pot substitution, while the “double thermoregulation system” (opt) manages two working temperatures in order to apply both EVA and Polyurethane thermosetting adhesives.

K/SEL END CUTTING GROUP
- The best finishing quality thanks to the motors sliding on two prismatic ball guides.
- Rapid set-up between straight and angled cutting with the automatic independent lifting of the motors (opt).
- Horizontal movement of the group in order to leave an exceeding edge that ensures an optimum finish of the Round group (opt).

NESTING COPYING DEVICES (OPT)
- No difficulty when finishing panels already processed with the “nesting” working cycle, through the suitable copying devices to be mounted on the upper part of the trimming and edge scraping groups.

RSP IN-LINE TRIMMING GROUP
- For the trimming of a solid wood edging or the removal of the exceeding edge thus providing the following chamfering operation.

2 ROLLERS DEVICE WITH AUTOMATIC CHANGEOVER (OPT)
- Automatic edge changeover by means of the 2 clamps device that allows the changeover between the two different edges from the program start pushbutton or the changeover when machining two identical edges.

RSP in-line trimming group

2 POSITIONS KIT

GLUE POT REPLACEMENT

K/SEL end cutting group

LOCKING OF COPYING OPERATION

VC 1000 gluing group

FOR AN INDUSTRIAL PRODUCTION
AT THE BEST LEVELS

Reliability with high performance
FOR AN INDUSTRIAL PRODUCTION AT THE BEST LEVELS

Reliability with high performances

RI/S TRIMMING GROUP
- The very best finishing quality with the large dimensioned front and vertical rotating copying discs.
- Rapid machine changeover between thin and radius edges with the 2 positions kit (opt)
- Solid wood changeover without any operator intervention, thanks to the powered axes
- ED-SYSTEM high efficiency exhaust hoods

2 POSITIONS KIT

RUS TRIMMING GROUP

“ED-SYSTEM” EXHAUST SYSTEM
- Increased cleaning of panels thanks to optimum chips suction with the “ED-SYSTEM” function which couples the encircling exhaust hood to the suitable container with a filter for long chips.

2 MOTORS ROUND GROUP
- Perfect rounding and trimming of straight, chamfered and post formed panels.
- Rounding angles with 18 m/min track speed
- ED-SYSTEM high efficiency exhaust hoods

“4 EDGE” KIT (OPT)
- Automatic positioning of the group for the machining of 3 thin edges and 1 radius edge

MACHINING EXAMPLES WITH THE 2 MOTORS ROUND GROUP

ED-SYSTEM high efficiency exhaust hoods

SCM PATENT
FOR AN INDUSTRIAL PRODUCTION AT THE BEST LEVELS

- **RAS/1000 EDGE SCRAPING GROUP**
  - Rapid and easy work changeover of the radius edge thanks to the substitution of the cutter-head, complete with rotating copying discs.
  - For the finishing of the PVC/ABS radius edge.
  - The group is complete with extraction hood with suitable container with filter for long chips.

- **RAS/S 2P EDGE SCRAPING GROUP (OPT)**
  - Automatic work changeover of the radius edge through the two tool pneumatic positions.
  - For the finishing of the PVC/ABS radius edge.
  - The group is complete with large dimensioned extraction hood with suitable container with filter for long chips.

- **T-1000 SPINDLE MOULDER GROUP (OPT)**
  - It machines through grooves or stopped grooves on the lower, upper and front panel surfaces.
  - Equipped with a powerful motor (4kW) and reverse rotation of the tool.
  - The group is complete with front and vertical copying devices and exhaust hood.

- **RCL GLUE SCRAPING GROUP (OPT)**
  - Eliminates any excess glue on the panel surface.
  - Optimum use with soft/post formed panels thanks to the independent intervention of the two tools.

- **RCA/2C GLUE SCRAPING GROUP (OPT)**
  - Eliminates any excess glue on the panel surface.
  - Best finishing quality even on the panel edges due to the two rotating copying discs.

- **GLC SANDING GROUP (OPT)**
  - For the sanding of the flat surface on the front panel edge.
  - Optimum sanding with the adjustable contact pressure of the pad and the oscillating abrasive belt.
  - Timed intervention sanding to prevent damage to the front and end panel edges.
FOR AN INDUSTRIAL PRODUCTION AT THE BEST LEVELS

SPN BRUSHING GROUP
- Allows panel cleaning and polishing
- Easy adjustment with the hand wheel supplied with the group

SPRAY-MIST DEVICE FOR EDGE FINISHING (OPT)
- It improves the panel cleaning and the polishing of the PVC/ABS edge.

HOT AIR BLOWER FOR PVC/ABS EDGES (OPT)
- It reactivates the colour of the PVC/ABS edges

EDGE DETECTION SYSTEM (OPT)
- It controls the correct loading of the edging thus avoiding the production of non-edged panels and the residual glue left on the machine

PANEL MOVEMENT SYSTEM
- Perfect straight movement of the chain and panel holding due to the large dimensioned chain (1-1/4")
- Automatic lubrication of the blocks

SAFETY ENCLOSURE LINED WITH SOUNDPROOF MATERIAL
- For better adjustment of the groups and controls when machining, it is complete with lamps for internal lighting as a standard feature.
- For a lower noise level it is internally coated with a soundproof material

Important details

SPN brushing group
Spray-mist device
Hot air blower
OPTIMISE TIME AND RESOURCES!
SELECT THE SOFTWARE AND SCM MACHINES MEETING YOUR INVESTMENT AND PRODUCTION CAPACITY AND YOU'LL HAVE ALL THE ADVANTAGES OF THE INTEGRATED PROCESS.
TECHNICAL DATA

NOISE LEVEL


<table>
<thead>
<tr>
<th>Reference standard</th>
<th>Uncertainty factor K (prob. 68.27%)</th>
<th>VSA</th>
<th>LAeq</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNI EN ISO 11202-97</td>
<td>≤ 4 dB(A)</td>
<td>76.1</td>
<td>78.7 (104.4)</td>
</tr>
<tr>
<td>ISO 3745-95</td>
<td>≤ 4 dB (A)</td>
<td>94.0</td>
<td>98.7 (17.4)</td>
</tr>
</tbody>
</table>

The maximum instantaneous noise level pressure C, is under 130 dB (C)

VSA: no machining without dust extractor equipment  
LAeq: machining

* See the test report for an analysis of the different operating conditions used in compliance with the norms mentioned above.

AVAILABLE SOLUTIONS

TECHNICAL DATA

- Panel thickness: mm 10 – 60
- Edge thickness: mm 0.4 – 15
- Min. panels length: mm 140
- Feed speed: m/min 12118 (10 – 22)

The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.
Large integrated group
18 production sites
30 specialist brands
21 foreign branches
more than 50 years in business
70% exports
350 agents and distributors
365 registered patents
500 engineers
3,000 square metres showroom
10,000 classical and professional machines made per year
240,000 square metres of production space

The best global partner that is very close to woodworking companies