OLIMPIC K 400

Automatic compact edge bander

OUR TECHNOLOGY BEHIND YOUR IDEAS

olimpic k 400

Automatic compact edge bander

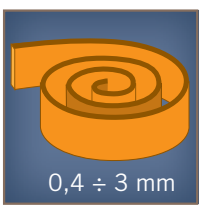
EDGE BANDING ON
ALL 4 SIDES

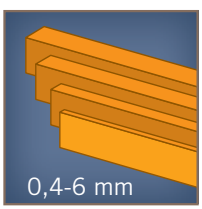
3D DESIGN
PROGRAMMING
CUTTING
EDGE BANDING
3 AXES BORING-ROUTING
CALIBRATING/SANDING
ASSEMBLING

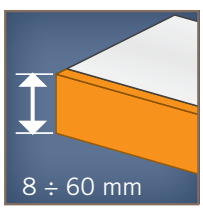
olimpic k 400

AUTOMATIC COMPACT EDGE BANDER
Ideal solution for handcrafts and small woodworking companies

K 400 T-ER1



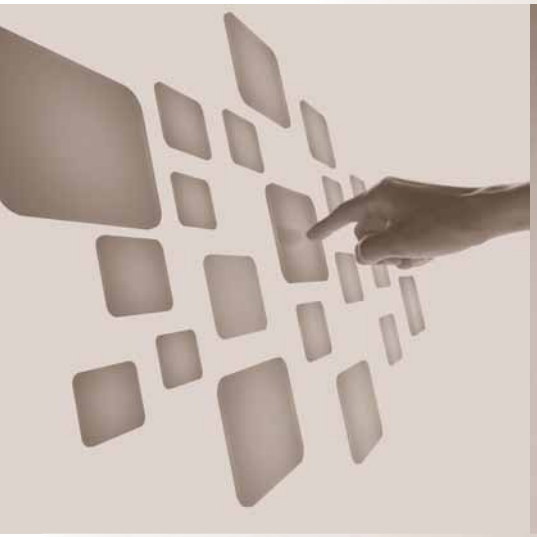




Ease of use and a high level of technology

Versatile and automatic

Possibility of Net Line integration



Ease of use and a high level of technology

TECHNOLOGY AT YOUR SIDE

BAR CODE READER (OPT)

- No errors with the automatic program recall

ORION 110 CONTROL SYSTEM

(supplied as a standard feature on the entire range)

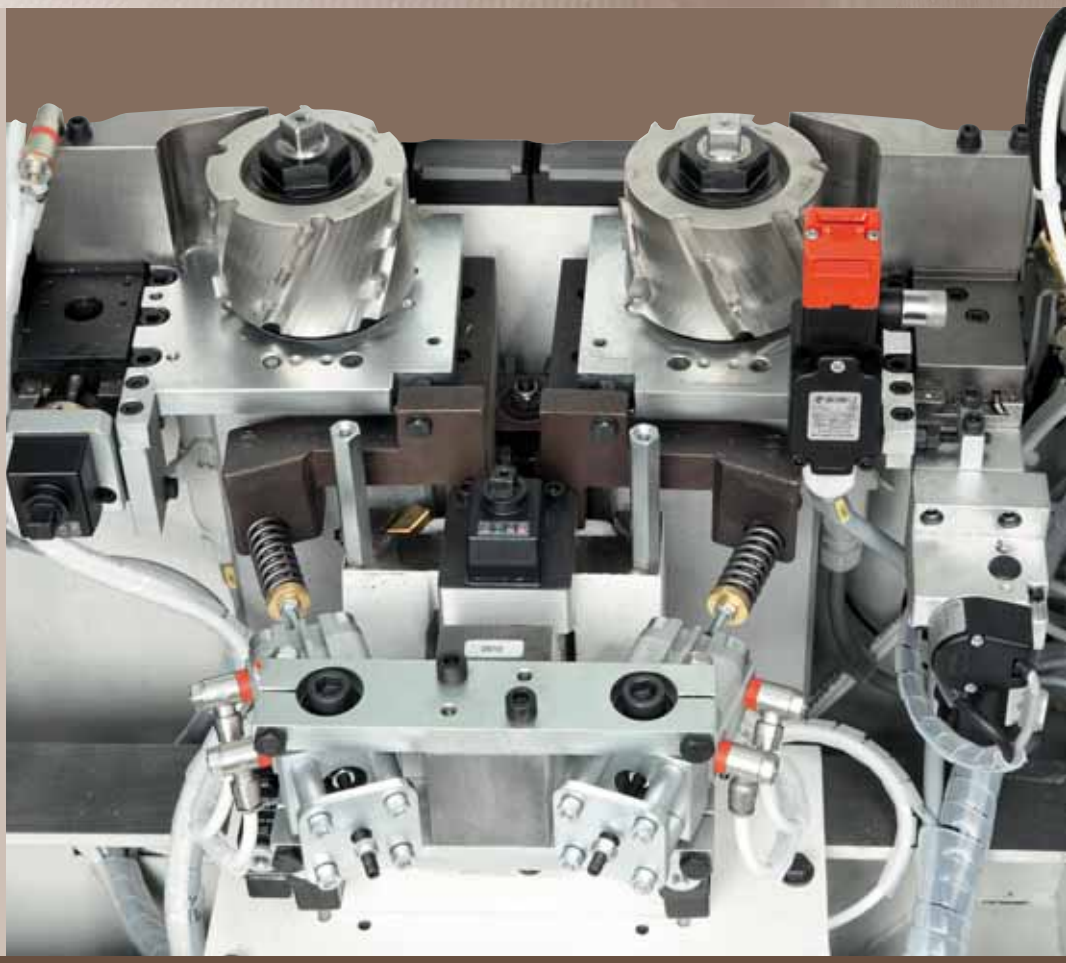
- Basic and intuitive for error-free machining
- Memory capacity up to 60 working programs
- Large characters for easy reading

STARTOUCH CONTROL SYSTEM (OPT)

- Intuitive and easy to use thanks to its custmised graphics and one touch mode
- Large dimensioned display (12")
- Simple when choosing the machining required
- "TELESOLVE"(opt) for diagnostic and on line service

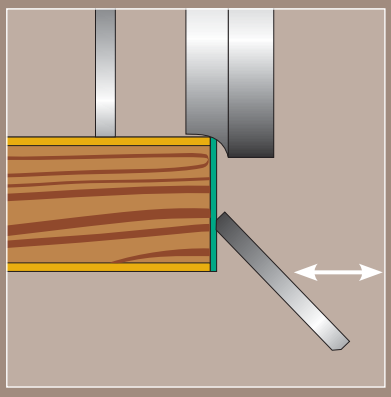
RT-E PANEL EDGE TRIMMING UNIT WITH “EASY SIZE PLUS” OPTIONAL DEVICE

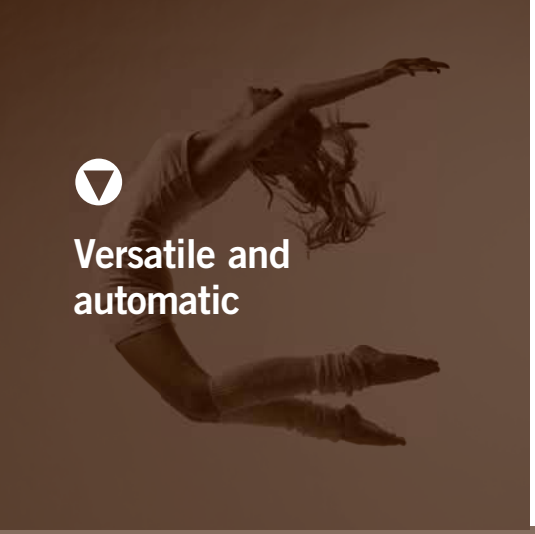
- It allows the removal in a few seconds of the panel edge trimming unit thanks to the **powered axes** positioned on the infeed fence and copying device
- Constant removal on the entire panel length with the copying devices kit (opt)



RI/800 TRIMMING UNIT

- Edge thickness changeover without any operator’s intervention, thanks to the powered axes on the front copying devices (opt)





Versatile and automatic

DON'T MAKE ANY SACRIFICE TAKE THE BEST COMPROMISE

PRESSURE WHEELS ON THE PANEL

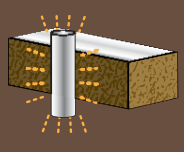
- Best panel feeding with two rows of wheels on the top presser
- **Cleaner panels due to the enclosure that covers the wheels**

BLOWERS FOR PANEL CLEANING

- Optimal glue adhesion with the cleaning of the ground surface

INFRARED CERAMIC LAMP (OPT)

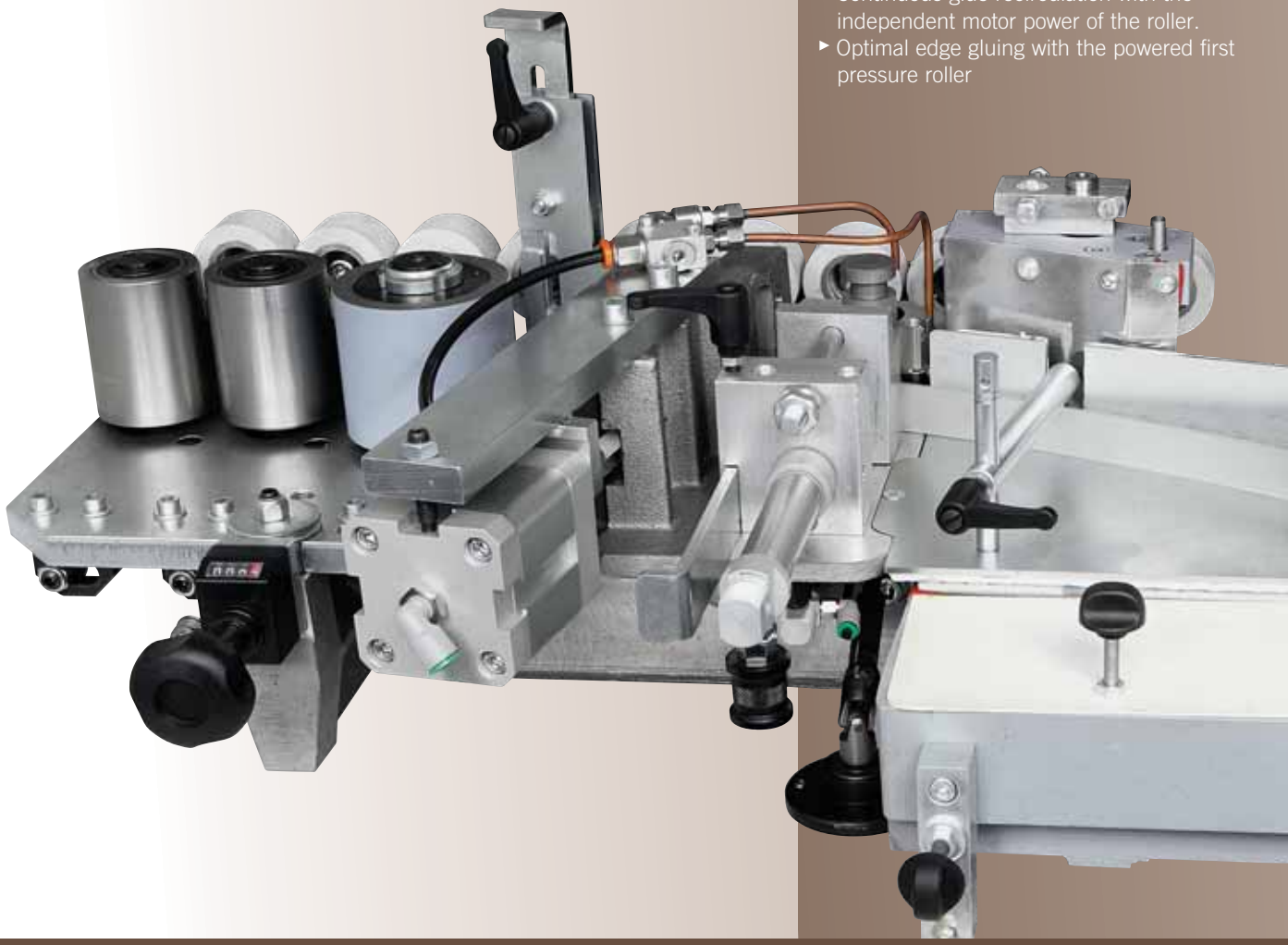
- Better glue adhesion thanks to heating of the surface to be glued

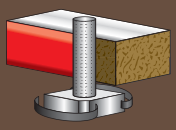


Infrared ceramic lamp

VC-VM GLUING GROUP

- **It is possible to edge material in strips up to 6 mm thickness and coiled edges up to 3 mm.**
- Continuous glue recirculation with the independent motor power of the roller.
- Optimal edge gluing with the powered first pressure roller





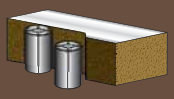
Gluing group

RT/E PANEL EDGE TRIMMING GROUP

- It provides an optimal surface for gluing the edge
- **ED SYSTEM high efficiency exhaust outlets**

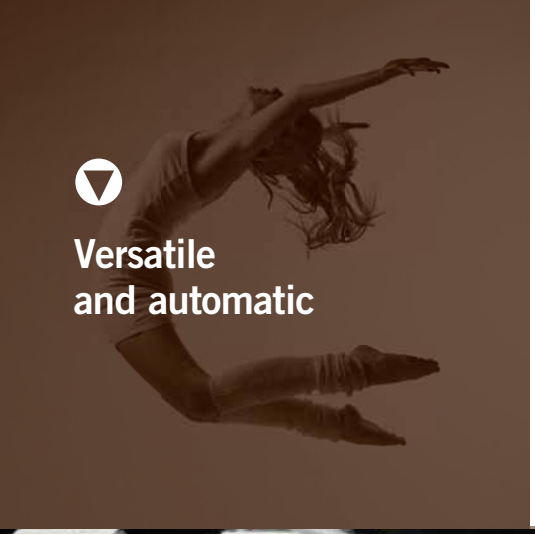
AAR ANTI-ADHESIVE GROUP (OPT)

- Ensures the finishing quality by preventing the glue sticking to the upper and lower panel surfaces



Panel edge trimming group

Anti-adhesive group



Versatile and automatic

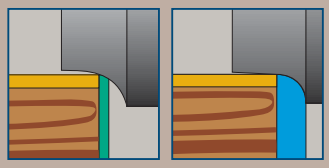
DON'T MAKE ANY SACRIFICE TAKE THE BEST COMPROMISE

K-2 END CUTTING GROUP

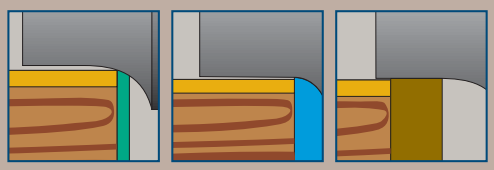
- Best finishing quality thanks to the two independent groups
- Rapid set up between straight and angled cutting with the **automatic tilting device (standard feature)**

K-2 end cutting group

2 POSITIONS KIT

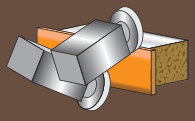


3 POSITIONS KIT



RI/800 TRIMMING GROUP

- Very best finishing with the rotating front and vertical copying discs
- ED-SYSTEM high efficiency exhaust hoods
- Rapid machining changeover between thin, radius and solid wood edges with the 2 and 3 pneumatic positions kit (opt)



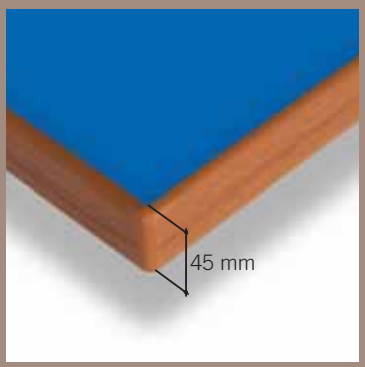
RI/800 trimming group

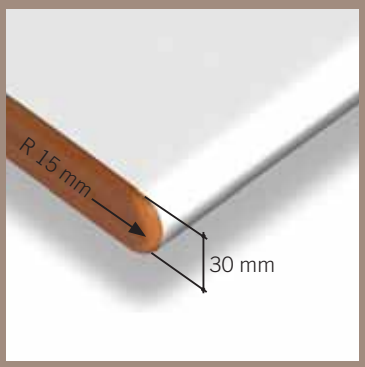
ROUND 1 ROUNDING GROUP

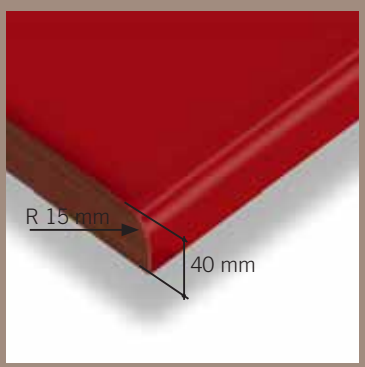
- Front and rear rounding of straight, chamfered and post formed panels
- **Diamond cutters available as astandard feature**
- Rapid work changeover between thin and thick edges with the **two positions** (opt)

Round 1 rounding group

MACHINING EXAMPLES WITH THE ROUND 1 ROUNDING GROUP



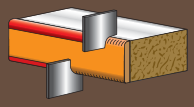




Versatile and automatic

RAS/V EDGE SCRAPING GROUP

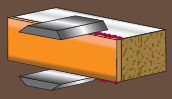
- For the finishing of the PVC/ABS radius edge
- **Extraction hoods with suitable container with filter for long chips available as standard feature**
- Front and vertical copying discs



RAS/V edge scraping group

RCL GLUE SCRAPING GROUP (OPT)

- It eliminates any excess glue on the panel surface
- Optimal for use with soft/ post formed panels thanks to the automatic intervention of the two tools



RCL glue scraping group

DON'T MAKE ANY SACRIFICE
TAKE THE BEST COMPROMISE

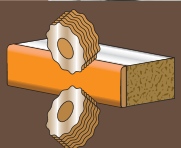
- Ergonomic panel introduction
- Mobile control panel for optimum operator's position

SPN BRUSHING GROUP (OPT)

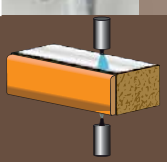
- It allows panel cleaning and polishing
- Easy adjustment with the hand wheel supplied with the group

SPRAY-MIST DEVICE FOR EDGE FINISHING (OPT)

- It improves the panel cleaning and the polishing of the PVC/ABS edge



SPN brushing group



Spray-mist device

NETLINE

PREPARATION

INTERIOR DESIGN

3D DESIGN

xcab
3D project of a sequence of cabinets_Definition of the cutting list to be optimised_Boring routing program generation_Extremely easy to use

giotto
3D project of a complete room furniture (including under roof)_ Rendering _Direct export of the cutting list to be optimised/sized_ Boring routing program generation and hardware management_ Preinstalled, customisable and parametric furniture database

imos
3D project of a complete room furniture_Rendering _Direct export of the cutting list to be optimised/sized_Boring routing program generation and hardware management _Automatic generation of product catalogue_Integrable with company management IT system

PROGRAMMING

ultracut
Panel optimisation_Cutting guide (navigator) for L'invincibile saw

ottimo
Multi-job optimisation_Costs and times definition_ Material stock management

xylog plus
Boring and routing schemes programming _Machine functions and barcode management_Shared by all SCM CNC machines

flashnest
Nesting optimisation_Esay to learn and to use

PROCESS COMPLETION

3 AXIS CNC BORING ROUTING

cyflex
All boring operations and grooving_Safety enclosure on working unit instead of floor mats_Dust extraction on the base_CNC SCM / Xilog Plus on PC Office

tech
All boring operations and grooving, Outside profiling and routing_Horizontal group and HSK 63F 11kW (S6) SCM electrospindle with Vector axis_CNC SCM / Xilog Plus on PC Office_Protection Bumpers to optimize alternate work process (no safety mats required)

pratix
Nesting processing_Vertical boring operation_Outside profiling and routing

CURVED EDGING

olimpic m
Curved and Straight Panels_Thickness up to 3 mm_Edge height up to 80 mm

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.**

INTEGRATED PRODUCTION

CUTTING

circular saws

Invincible

Post-forming, parallel cutting, angular cutting by means of FULL SUPPORT_Touch screen control and operator's assistance with graphic help_Wireless data transmission between digital readouts of squaring rule stops and full support

sigma

Grooves execution, slots execution device, postforming_Saw carriage up to 135m/min and pusher up to 70 m/min_Automatic detecting system for length, width and panel thickness_Automatic blades locking with selector

pratix

Nesting processing_Vertical boring operation_Outside profiling and routing

STRAIGHT EDGING

olimpic k

Solid wood up to 12 mm, thin edges and ABS up to R 3 mm_Soft/postformed panels_"StarTouch" control system with 12" touch screen display_Pur glue applicable

olimpic s

Solid wood up to 22 mm, thin edges and ABS up to R 3 mm_Soft/postformed panels_Winedge PC control system_Pur glue applicable

CALIBRATING SANDING

sandya

Solid wood calibrating, sanding and finishing_Calibrating of chipboard, m.d.f. and other wooden panels_Veneered panels presanding, sanding and finishing_Logic touch screen electronic programmer for the total machine control

ASSEMBLING

assembla e-p

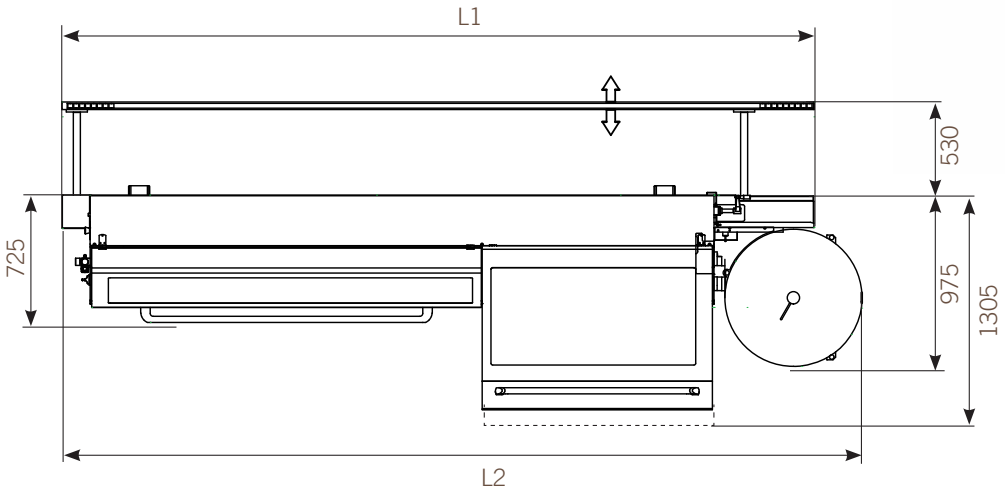
Manual loading for small lots and customised furniture manufacturing_Open rear structure, with unloading support roller and photocells safety bar_Manual or automatic movements, controlled from 3,8"touch screen

INTEGRATED PROCESS

olimpic k 400

TECHNICAL DATA

THE INDEPENDENT DOOR FOR THE GLUING CABINET ALLOWS THE CHANGE OF EDGING WITHOUT ANY MACHINE DOWNTIME



MACHINE LENGTH

Composition		A	E	ER1	T-E	T-ER1
L1 length	mm	3077	3077	3677	3677	4280
L2 length	mm	3349	3349	3949	3949	4549

SINCERT

CERMET SISTEMA DI GESTIONE CERTIFICATO
REG. N. 091/B
UNI EN ISO 9001:2001

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

MADE IN ITALY

TECHNICAL DATA

Panel thickness	mm	8 - 60
Edge thickness	mm	0,4 - 6
Minimum panel length	mm	140
Feed speed	m/min	11

NOISE LEVEL

Operating conditions: PANEL EDGE BANDING reference standard: ISO 7960-95, Annex P R.d.P CSR n° 08150

	Reference standard	Uncertainty factor K	EDGE BANDING	
			VSA	LAV
Lop: noise level at operator position - dB (A)	EN ISO 11202:1997	4	77	76,7
Lw: emitted noise level - dB (A) re 1pw	EN ISO 3746:1995		92,5	92,3

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

VSA: No machining without dust extractor equipment | LAV: machining

AVAILABLE SOLUTIONS

scm group

We love wood

FOR A BETTER ENVIRONMENT

Wood, a raw material from trees, an extraordinary building material, which can be adapted for interior and outdoor furniture elements. It enhances the settings of many lifetime experiences and can be processed into magnificent works of art and structures. SCM Group loves wood through its woodworking technologies.
Woodworking is about perfecting the qualities of wood: beautiful and fire-resistant, flexible and insulating.
Woodworking is all about 'we love wood'.

1	large Group
2	million machines sold
10	production facilities
22	brands
23	foreign subsidiaries
30	million euro investment in technology and know-how
60	years history

70%	exported
350	registered patents
350	agents and distributors
500	engineers
3.000	sq m showroom
3.450	employees
10.000	standard machines yearly
240.000	sq m production area

passion**technology**performance

SCM Group is an Italian company, **world leader in the production of woodworking machinery and systems**.
For almost 60 years it has been offering the widest range of machinery, from **standard machines for joinery companies up to integrated lines for industrial production of furniture and housing construction wood components**.
Through dedicated companies, the Group now also operates in the **plastic, stone, glass and advanced materials processing machinery industries**.
It has **10 production plants and 3.450 employees. SCM Group exports 70% to 120 countries through 23 foreign subsidiaries, 350 distributors and agents, guaranteeing efficient and prompt assistance** with over 500 engineers providing training, service, maintenance and spare parts every day throughout the World.
Ongoing research and development is carried out by **70 engineers who design and create new products** to be manufactured, assembled and distributed for the entire Group.
To ensure **utmost quality of the entire manufacturing cycle**, a special production plant with **over 90 highly sophisticated cnc machining centres** has been created to control **all preassembly operations: iron castings, metalwork carpentry, painting, cnc machining, electrospindles, electric, electro-mechanic and electronic components**.
With an outlook for the future, **outstanding investments (30 million euros) are currently being made in technology and know-how** resulting in a superior efficiency and management of our companies. **SCM Group and its people are committed to provide ultimate performance.**

scm minimax scm routech celaschi dmc superfici gabbiani stefani morbidelli rem sergiani mahros sag cpc scmgroup engineering delmac engineering CMS CMS Tecnocut scmfonderie es steelmec hiteco

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