



# OLIMPIC K 400

Automatic compact edge bander

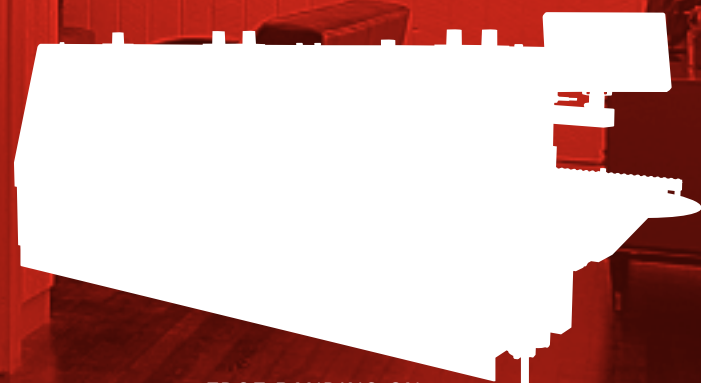




# OUR TECHNOLOGY BEHIND YOUR IDEAS

## olimpic k 400

Automatic compact edge bander



EDGE BANDING ON  
ALL 4 SIDES

3D DESIGN

PROGRAMMING

CUTTING

EDGE BANDING

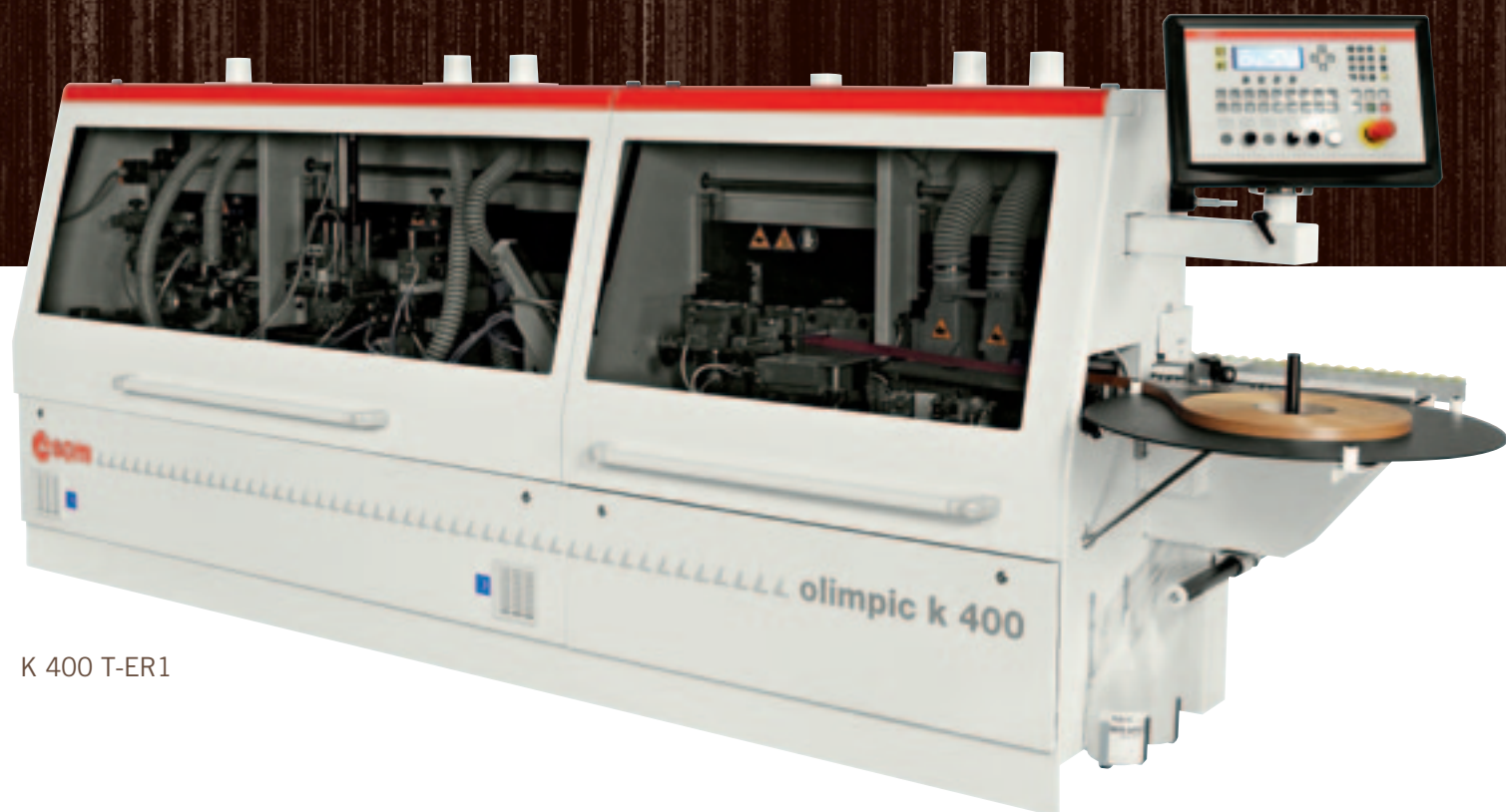
3 AXES BORING-ROUTING

CALIBRATING/SANDING

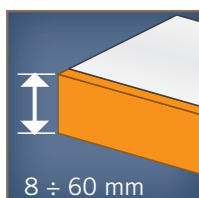
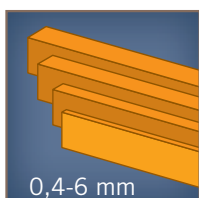
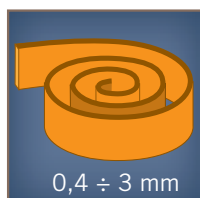
ASSEMBLING

# olimpic k 400

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



K 400 T-ER1







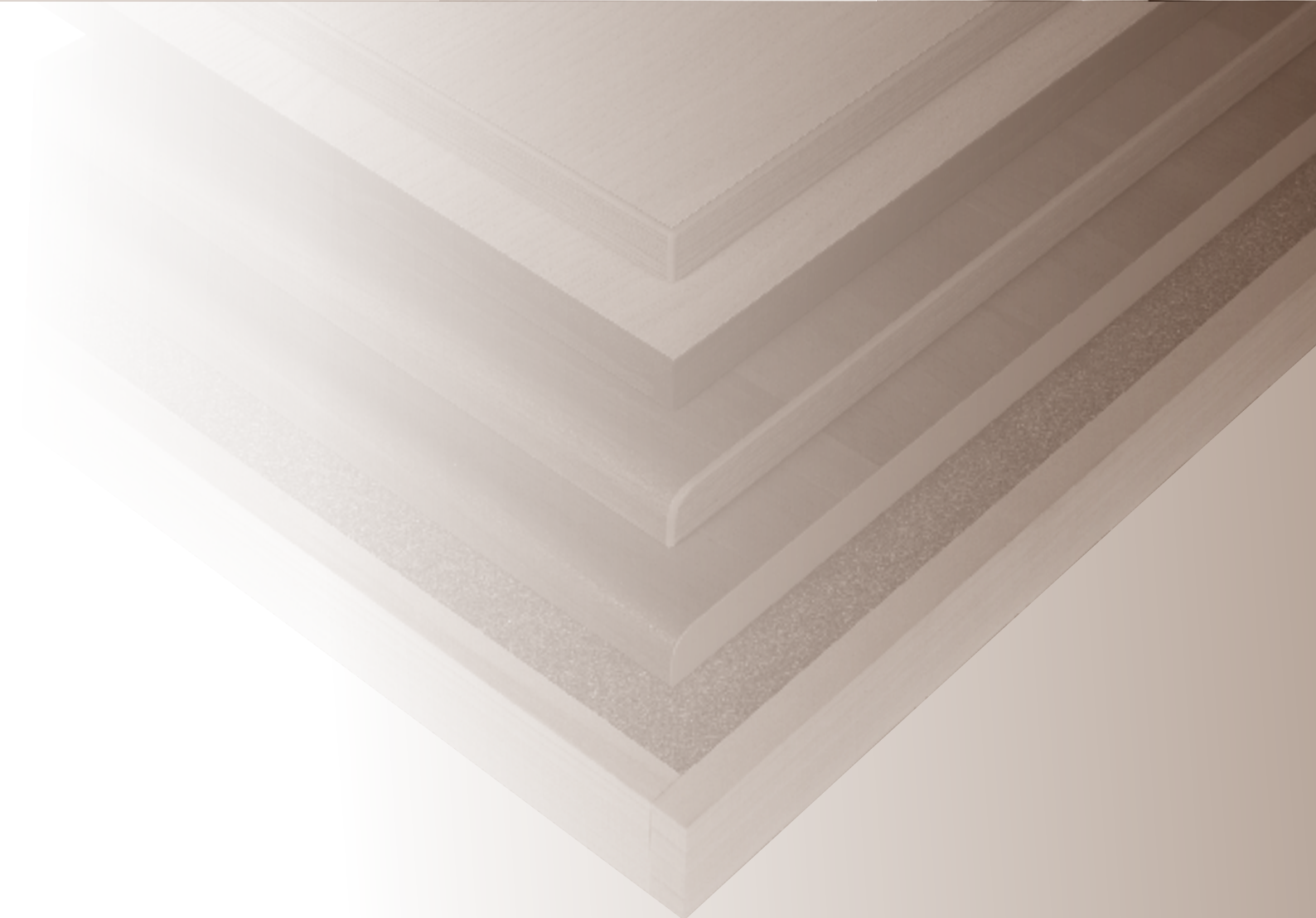
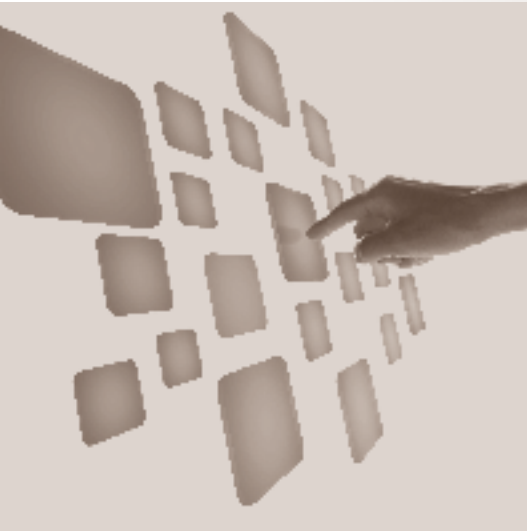
Ease of use and  
a high level of  
technology



Versatile  
and automatic



Possibility of  
NetLine  
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



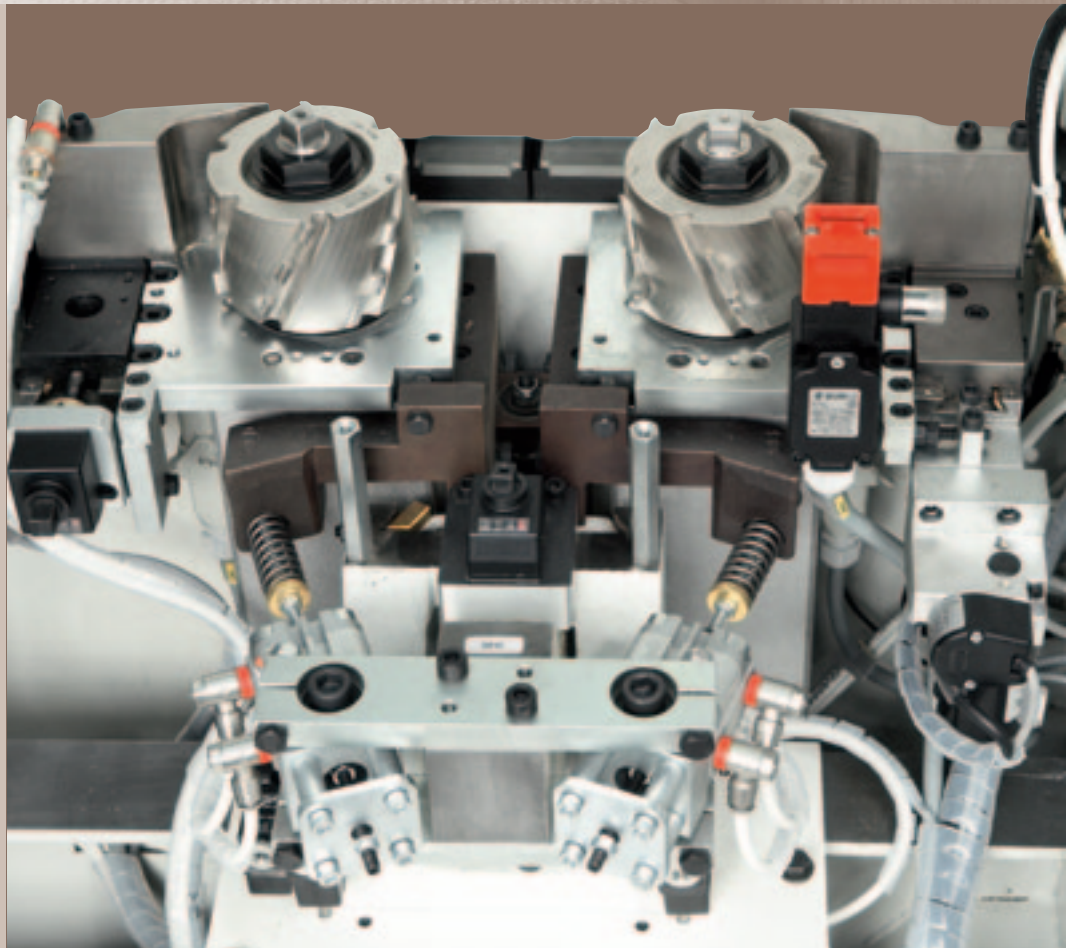
### STARTOUCH CONTROL SYSTEM (OPT)

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



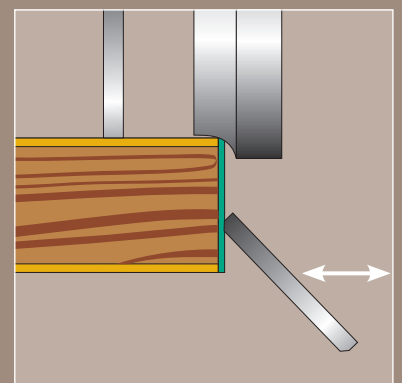
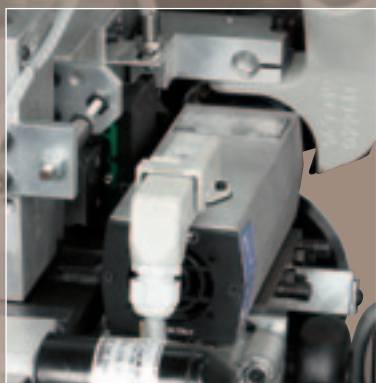
### RT-E PANEL EDGE TRIMMING UNIT WITH "EASY SIZE PLUS" OPTIONAL DEVICE

- ▶ 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)



### R1/800 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**

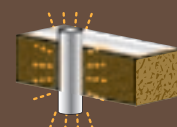
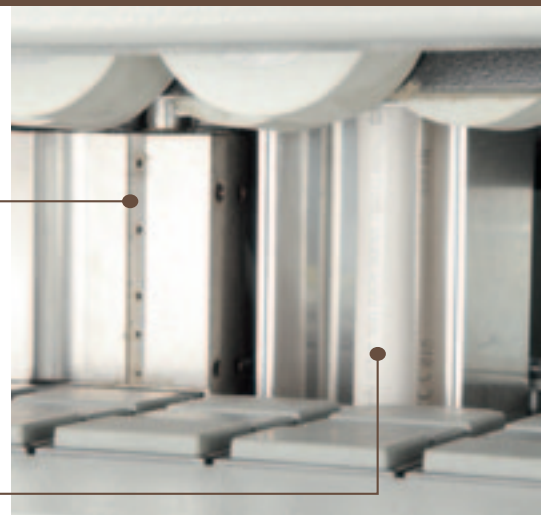
- ▶ Best panel feeding with two rows of wheels on the top presser
- ▶ **Cleaner panels due to the enclosure that covers the wheels**

**BLOWER FOR PANEL CLEANING**

- ▶ Optimum glue adhesion with the cleaning of the machined surface

**INFRARED CERAMIC LAMP (OPT)**

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

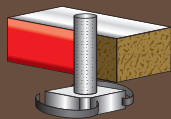
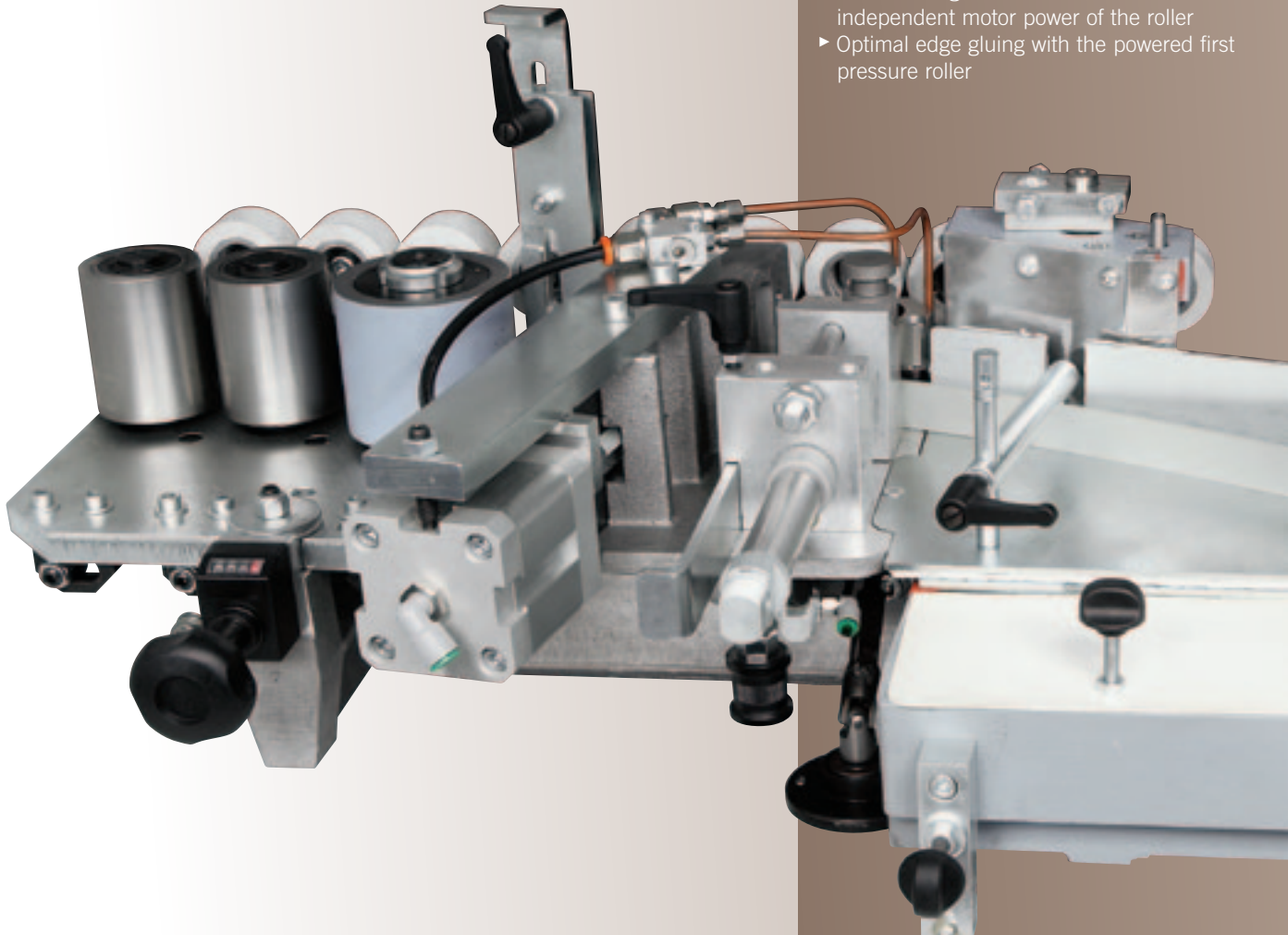


Infrared ceramic lamp

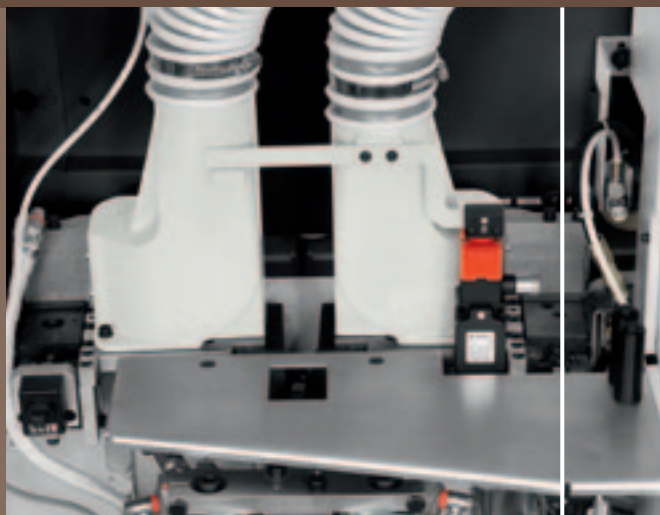


## VC-VM GLUING GROUP

- ▶ 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

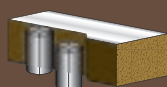


## RT/E PANEL EDGE TRIMMING GROUP

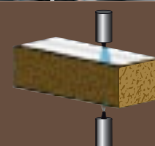
- ▶ It provides an optimal surface for gluing the edge
- ▶ **ED SYSTEM** high efficiency exhaust outlets

## 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

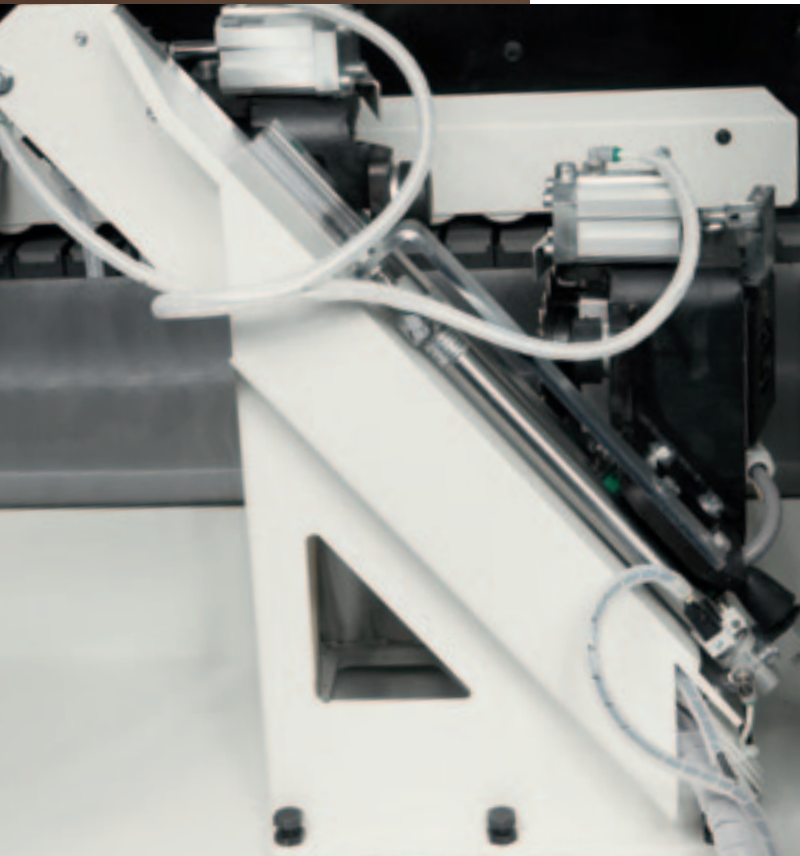


Anti-adhesive group



Versatile  
and automatic

DON'T MAKE ANY SACRIFICE  
TAKE THE BEST COMPROMISE



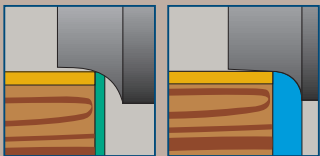
#### K-2 END CUTTING GROUP

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

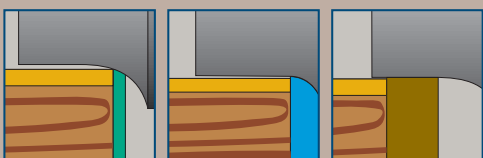


K-2 end cutting group

#### 2 POSITIONS KIT

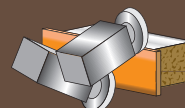


#### 3 POSITIONS KIT



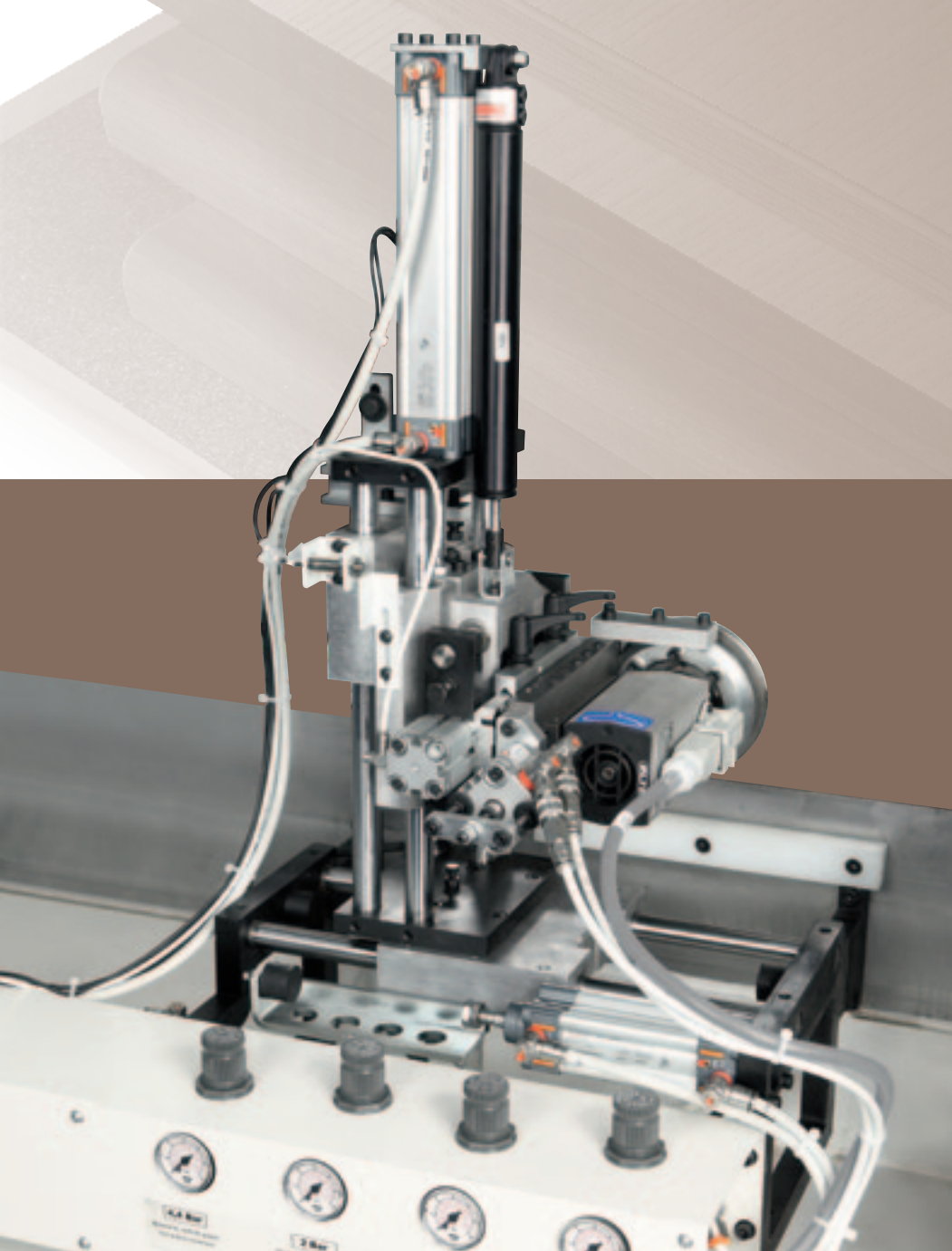
#### RI/800 TRIMMING GROUP

- ▶ 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





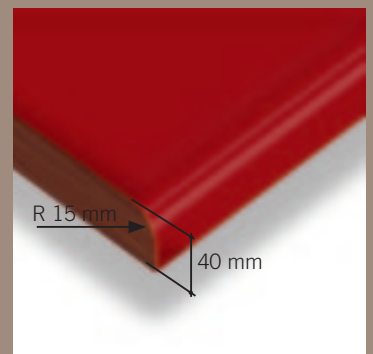
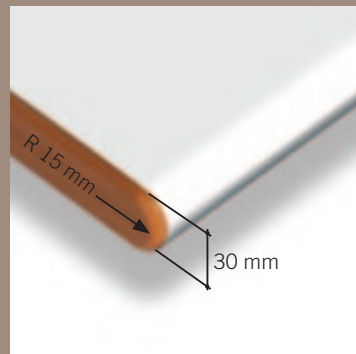
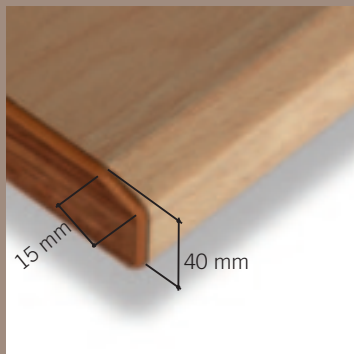
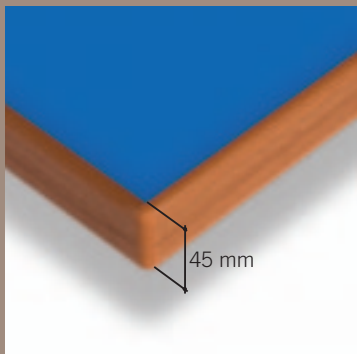
## ROUND 1 ROUNDING GROUP

- ▶ Front and rear rounding of straight, chamfered and post formed panels
- ▶ **Diamond cutters available as standard 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

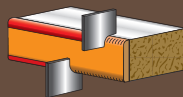
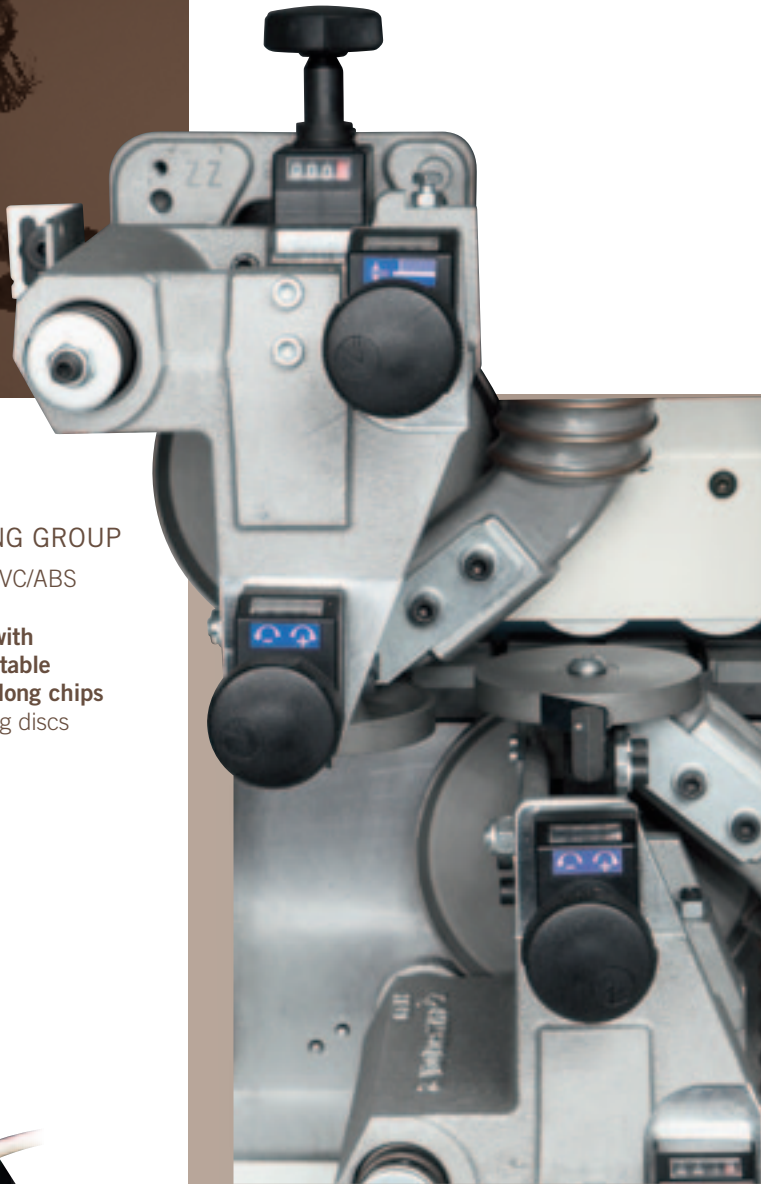




Versatile  
and automatic

#### RAS-V EDGE SCRAPING GROUP

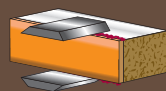
- ▶ For the finishing of the PVC/ABS radius edge
- ▶ **The group is complete with extraction hood with suitable container with filter for long chips**
- ▶ Front and vertical copying discs



RAS-V  
edge scraping group

#### RC-V GLUE SCRAPING GROUP (OPT)

- ▶ Eliminates any excess glue on the panel surface
- ▶ **Removal of the small exceeding PVC/ABS edges**



RC-V 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)

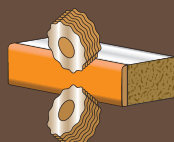
- ▶ It allows panel cleaning and polishing
- ▶ Easy adjustment with the hand wheel supplied with the group



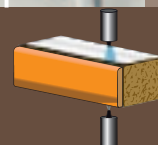
## SPRAY-MIST DEVICE FOR EDGE FINISHING (OPT)

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

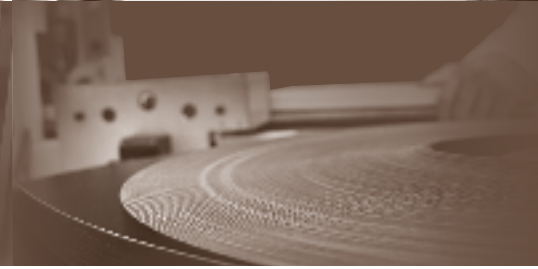
SPN brushing group



Spray-mist device



# NETLINE



## PREPARATION

### INTERIOR DESIGN

- ▶ **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'invincible 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\_Easy 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

▶ **seghe circolari**

*Invincibile*

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**

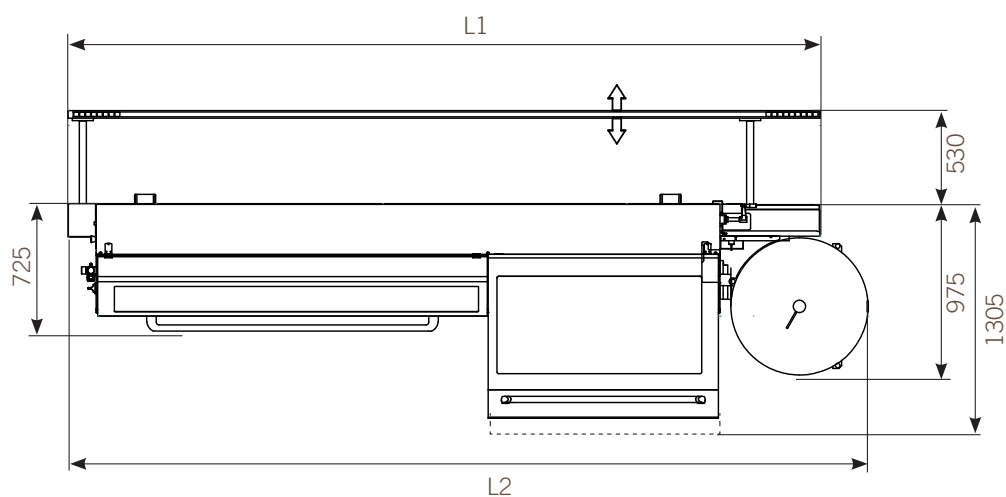
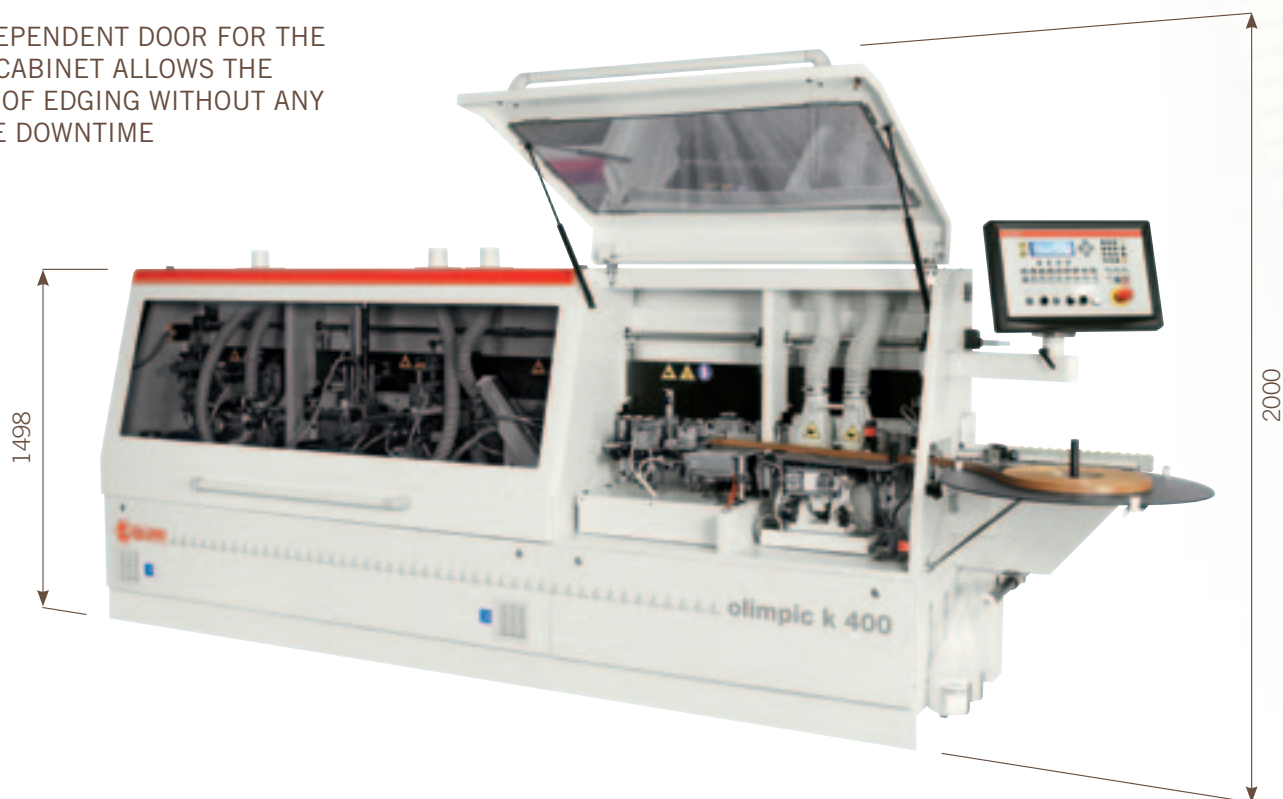
Manual loading for small lots and customised furniture manufacturing\_Open rear structure, with unloading support roller and photocells safety bar\_Manual or automatic movements, controlled from 3,8”touch screen

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



### TECHNICAL DATA

Panel thickness	mm	8 - 60
Edge thickness	mm	0,4 - 6
Minimum panel length	mm	140
Feed speed	m/min	11 (11 - 13)

### K 400 NOISE LEVEL

Operating conditions: PANEL EDGE BANDING (reference standard EN 1218-4:2004+A2:2009)\*

	Operator position	Reference standard	Uncertainty factor K (prob. 68.27%)	EDGE BANDING	
				VSA	LAV
<b>Lop:</b> noise level at operator position - dB (A) and peak level - [dB (C)]	Input	UNI EN ISO 11202-97	≤ 4 [dB (A)]	76.3	77.1 [101.0]
	Output			77.8	78.7 [100.9]
<b>Lw:</b> emitted noise level - dB (A) <sub>re 1pW</sub> - [mW (A)]		ISO 3746-95	≤ 4 [dB (A)]	93.0 [2.0]	94.2 [2.7]

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

VSA: no machining without dust extractor equipment    LAV: machining

\* Refer to R.d.P. 2011010r for test conditions different to the mentioned standards

### AVAILABLE SOLUTIONS

<b>E</b>		1S	1/2						
<b>ER1</b>	1S	1/2							
<b>T-E</b>		1S	1/2						
<b>T-ER1</b>	1S	1/2							

### THE OPTIONALS GROUPS



 **scm**  
 **minimax**  
 **scm tecmatic**

 **scm**  
 **routech**  
 **celaschi**  
 **dmc**  
 **superfici**  
 **sergiani**  
 **gabbiani**  
 **morbidelli**  
 **mahros**  
 **stefani**  
 **cpc**  
 **sag**

 **scmgroup**  
 **delmac**  
 **scmfonderie**  
 **steelmec**  
 **hiteco**  
 **es**  
 **csr**

 **CMS Cms**  
wood technology

 **CMS Cms**  
advanced materials technology

 **CMS Brembana**  
stone technology

 **CMS Brembana**  
glass technology

 **CMS CmsPlast**  
plastic technology

 **CMS Tecnocut**  
waterjet technology

 **CMS Balestrini**

1 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



passion**technology**performance  
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The best global partner that is very close to woodworking companies





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