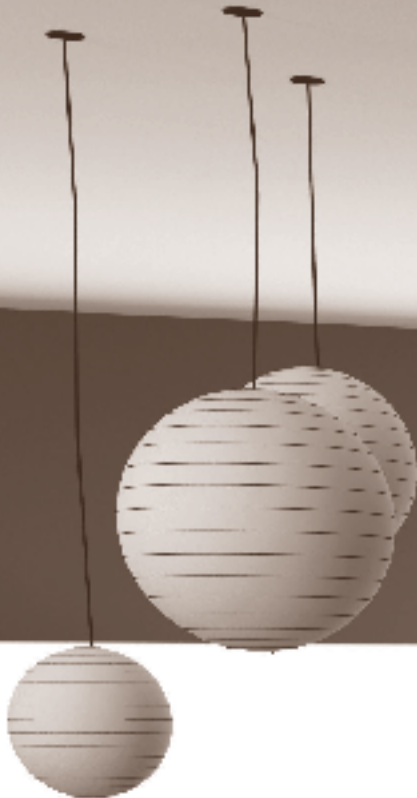
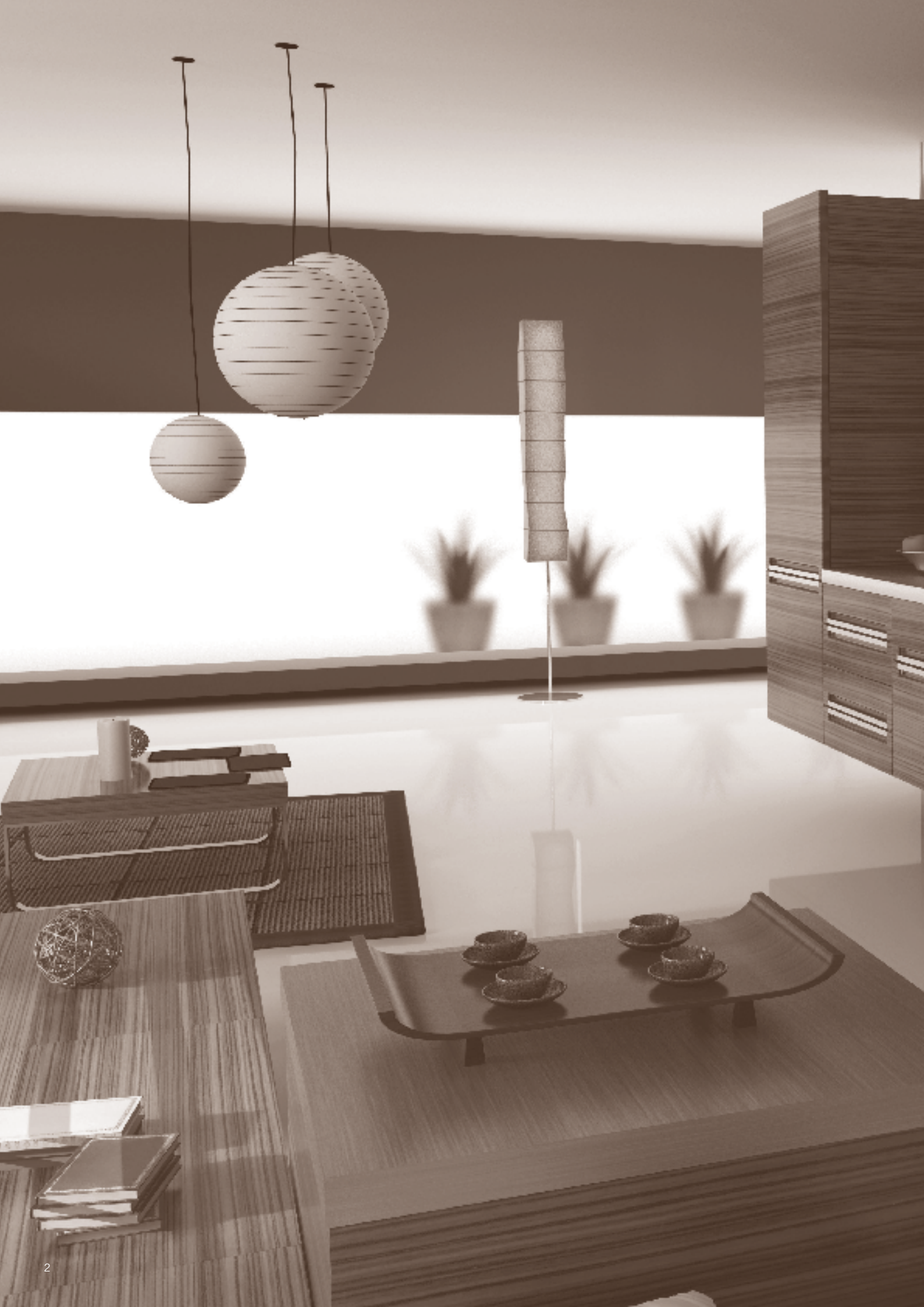


# SANDYA 300

Automatic wide belt sander





# OUR TECHNOLOGY BEHIND YOUR IDEAS

## sandya 300

Automatic wide belt sander with one or two operating groups



CALIBRATING  
SANDING

3D DESIGN

PROGRAMMING

CUTTING

EDGE BANDING

3-AXIS BORING

CALIBRATING/SANDING

ASSEMBLY

# sandya 300

THE NEW CONCEPT FOR  
SCM WIDE BELT SANDERS

Designed for advanced woodworkers and  
veneer operators



CS 95/110



RCS 95/110



CSF 110



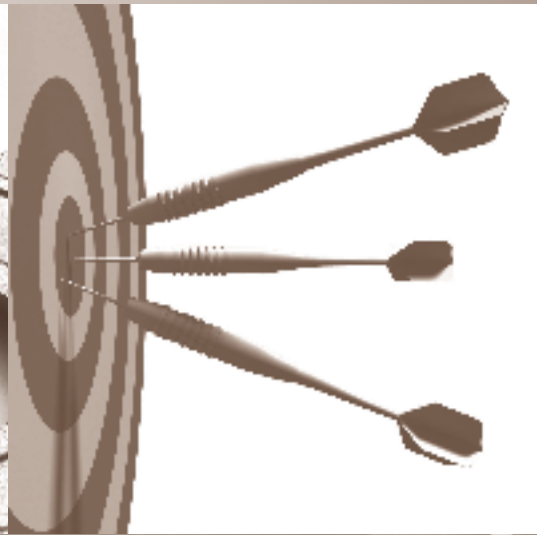
Versatile and  
easy to use



Reliability with a  
high level of  
technology



Exclusive solutions  
for any sanding  
requirement



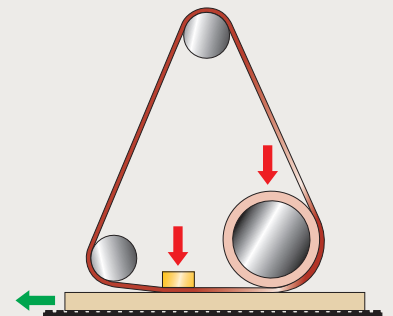
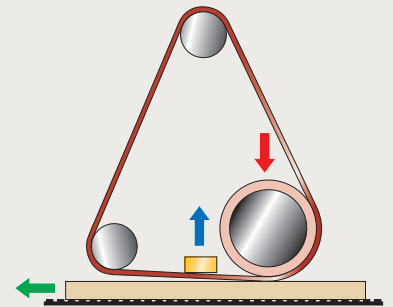
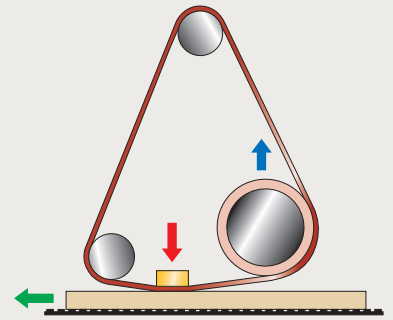


Versatile and  
easy to use

## COMPACT MACHINE WITH SUPERIOR TECHNICAL FEATURES



◀ The **CS Combined Group** is the secret of the Sandya 300's flexibility. The possibility to use the roller and the pad either simultaneously or independently of one another provides **high quality results**.



- ▶ **RCS version**  
Top quality finishing in a single passage...**higher flexibility and productivity.**



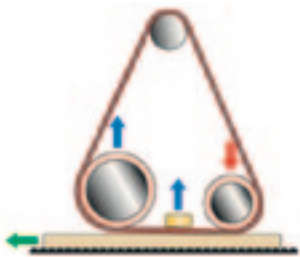


Versatile and  
easy to use

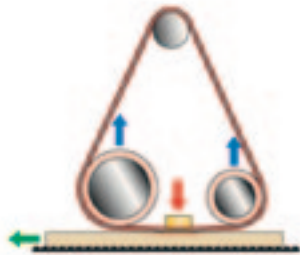
## SYSTEM FIVE GROUP: THE EVOLUTION

**Ideal for all “typical” requirements of woodworking and veneering companies:** solid wood calibrating/sanding and sanding veneered panels (internal doors, windows and customised furniture).  
The combination of roller/roller gives **optimum results** when sanding **against the grain**.

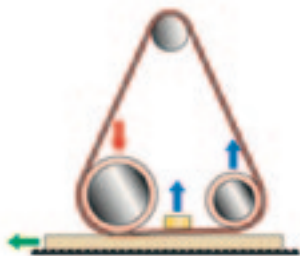
### ▶ ONE SINGLE GROUP, FIVE SANDING OPTIONS



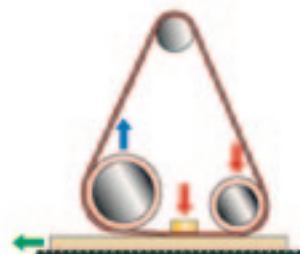
Calibrating  
with 1st  
roller



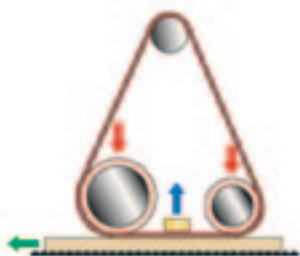
Sanding with  
pad



Sanding with  
2nd roller



Calibrating with  
1st roller and  
sanding with  
pad



Calibrating with  
1st roller and  
sanding with  
2nd roller





# EQUIPMENT AND HIGH QUALITY DEVICES



Reliability with a high level of technology



- ▶ **Sanding pad**  
Excellent finishing of solid wood with the extractable stiff pad. Possibility to add the semi-stiff pad for the sanding of veneered panels (opt).



- ▲ **Calibrating sanding rollers**  
No maintenance is required with the grooved steel rollers, therefore optimum results are guaranteed. It is also possible to select rubber-coated rollers (from 85 up to 30 sh).

- ▶ **On/off pneumatic positioning for the groups**  
Very useful for different operations. The system allows a simple and rapid pre-selection of the groups to be used.

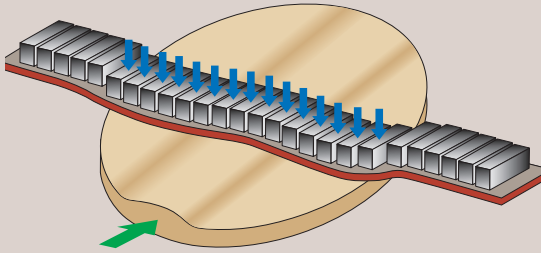


- ◀ **Feed belt speed controlled by inverter (opt)**  
Allows the adjustment from the control panel of the most suitable working speed to be used.



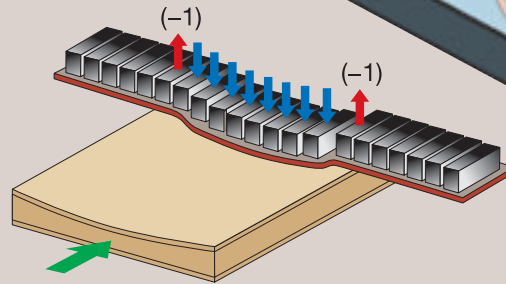
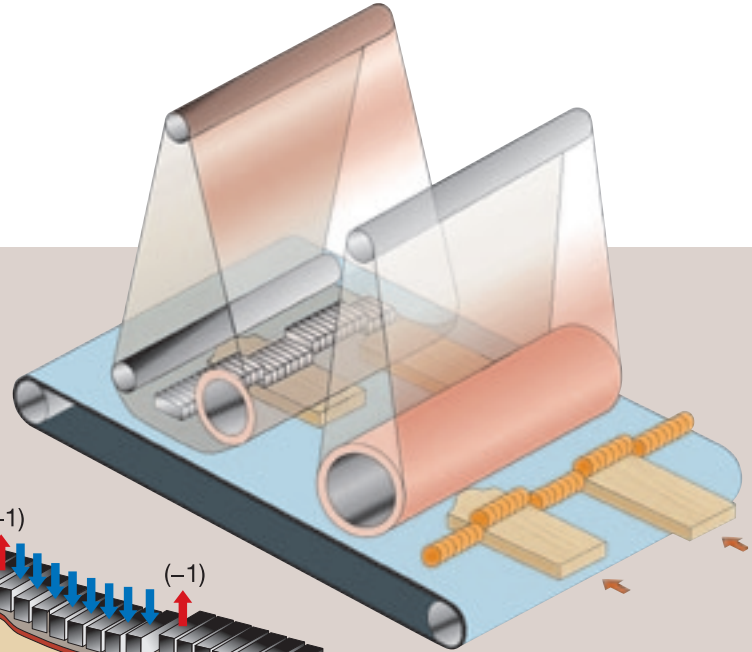
Reliability with a high level of technology

## “EXCELLENCE” IN THE FINISHING OPERATION



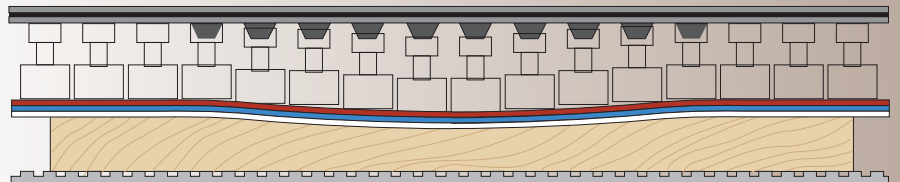
### Electronic sectional pad (option)

Perfect sanding of shaped, honey-comb work pieces or components with uneven surfaces. The extractable graphite cloth facilitates cleaning and maintenance.



### Electronic thickness positioning (option)

High precision measurement of the work piece thickness due to the electronic sensor. The positioning has a decimal adjustment system which automatically sets the working thickness so that it is larger or smaller than the component thickness by the required amount.



### Elastic sectional pad (option)

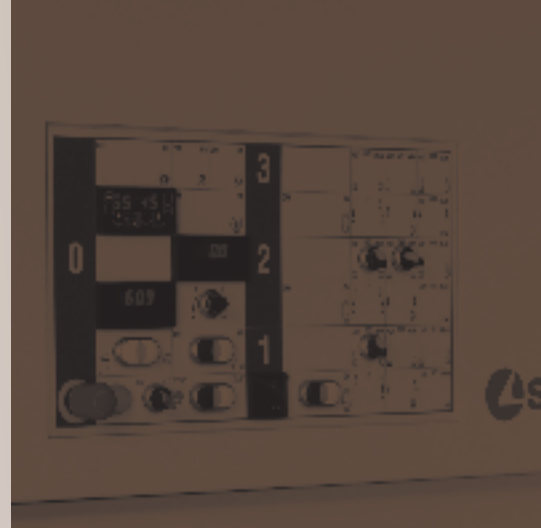
Thanks to its capacity to adapt to irregular surfaces, the TES pad can be used for veneered panel sanding, even when panels are not perfectly flat.

### Oscillating blowers (option)

Cleaning + air cooling = longer belt life



# ELECTRONIC CONTROLS



## Logic 50 K

Allows the controlling of the operation of the automatic pad on machines with adjustable belt speed using a variable speed motor or inverter .



## Digital ammeter

Allows an easy and immediate visualisation of the power absorption of the main motor.

## Logic SC

Simple and intuitive, the controller allows the setting of all sanding parameters in sequence. Then only a single button has to be pressed to start. Four different programs can be saved to rapidly retrieve the machine settings used most often.

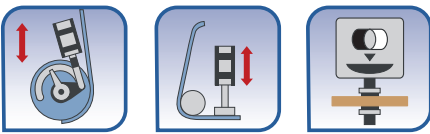




Exclusive solutions for  
any working requirement

## MACHINES SET-UP FOR ALL REQUIREMENTS

### ▶ “A” VERSION

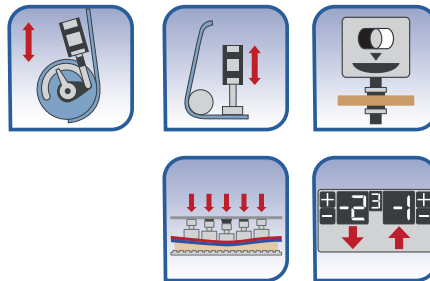


### FOR RAPID WORK CHANGEOVER

#### Ideal for generic solid wood applications

- ▶ On-off pneumatic selector for rollers
- ▶ On-off pneumatic selector for pad
- ▶ Electronic positioning for working table

### ▶ “B” VERSION

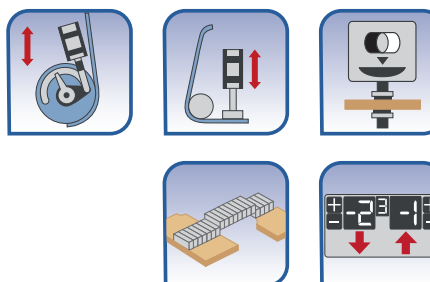


### FOR PERFECT FINISHING

#### Solid wood/veneered applications

- ▶ On-off pneumatic selector for rollers
- ▶ On-off pneumatic selector for pad
- ▶ Electronic positioning for working table
- ▶ Elastic sectional pad
- ▶ Logic 50 K electronic programmer

### ▶ “C” VERSION



### FULL RANGE OF OPTIONS FOR ALL SANDING

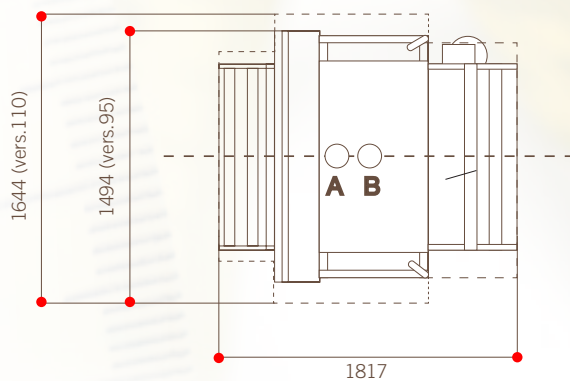
#### Solid wood/veneered applications and also on honeycomb panels with irregular shapes

- ▶ On-off pneumatic selector for rollers
- ▶ On-off pneumatic selector for pad
- ▶ Electronic positioning for working table
- ▶ Electronic sectional pad
- ▶ Logic 50 K electronic programmer

# sandya 300



## OVERALL DIMENSIONS



Exhaust hoods		
A	Ø 140 mm	model RCS
B	Ø 140 mm	CS, CSF and RCS models

## TECHNICAL DATA

		95	110
Working width	mm	950	110
Min/max working thickness	mm	4-170	4-170
Sanding belt width	mm	970	1115
Sanding belt length	mm	1900	1900
Standard main motor power	kW(HP)	11(15)	11(15)
Standard feed belt speed	m/min	4,5/9	4,5/9

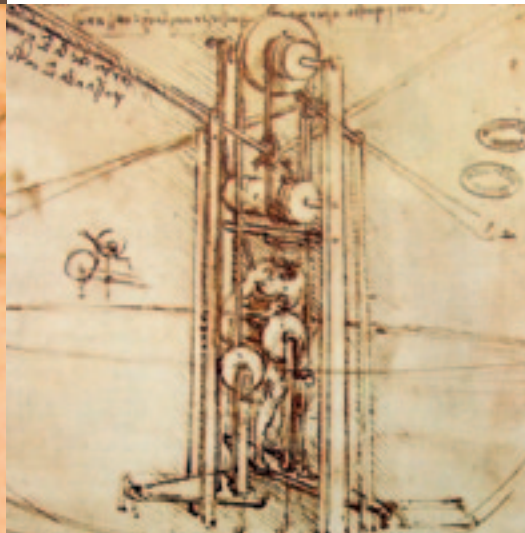
## NOISE LEVEL

Operating conditions – SANDING Reference Standard UNI EN 7960960

		Reference standard	Uncertainty factor K	Sanding without vacuum	
Lop: Noise level at operator position dB(A) and peak level[dB(C)]	Operator positions	EN ISO 11202:1997	5,0	VSA	LAV
	Input			76,9	86,3
	Output			80,4	84
LW: Emitted noise level dBW (A)		EN ISO 3746:1995	4,0	90,7	98,1

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

VSA : no machining without dust extractor equipment	LAV : Machining
-----------------------------------------------------	-----------------



A leading industrial group, in the design, production and distribution of technologically advanced solutions for processing a wide range of materials: wood, glass, plastic, marble, metal, composites.

With specialist brands in the different application sectors and centres of excellence qualified in industrial components, present for over 50 years in the 5 continents.

**PASSION.** It's the passion for our work. It's the central role of man, his creative genius, the spirit of initiative and the ability to work in a team.

**TECHNOLOGY.** Is the scientific rigour that transforms creativity in highly technological solutions, which are accessible and able to provide competitive advantages.

**PERFORMANCE.** is the commitment that is transformed in results and success of our partners that rely on SCM Group solutions. It's being recognised as suppliers of "competitive advantages that last over time".

# THE BEST GLOBAL PARTNER FOR THE WOODWORKING COMPANIES



Since 1952 Scm supports the small woodworking companies and the manufacturers of made-to-measure furniture by means of user-friendly and innovative technological solutions, distributed by the

world's best sales network, constantly trained and updated in order to offer on local basis a global competence to the advantage of woodworking companies.

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.





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