

Circular saw with tilting blade

nova si 40



Technical data	NOVA SI 40
Max cutting height at 90° (mm)	136 with blade 400
Max cutting height at 45° (mm)	97 with blade 400
Blade tilt (degrees)	45
Blades lifting and tilt	manual
Main blade rotating speed (rpm)	4000
Scoring unit rotating speed (rpm)	9200
Saw unit motor power kW (HP) 50Hz	5 (6,6)
Scoring unit motor power[S1] kW (HP) 50Hz	0,55 (0,75)
Squaring capacity: - w. 2600 mm carriage - w. 3200 mm carriage	2600x3200 3200x3200
Cutting width on parallel fence (mm)	1270
Exhaust outlet diameter - at the base (mm) - on overhead protection (mm) - on riving knife (mm)	120 80 n.d.

STANDARD EQUIPMENTS

- Optimizer/Sequencer App for Tablet: SCM Thundercut:

Application to be downloaded from the App Store or Paly Store on compatible tablets (mobile devices) equipped with iPadOS or Android operating systems.

It can be activated using the QR code supplied with the machine.

La App permette di:

* manage your machine stock and the material and panel magazine

- * create and modify projects, import projects from the main furniture design software ("cpout" file format), import cutting lists
 - * optimize cutting lists, choosing from one or more proposals of the optimization software integrated into the App.
 - * set the machine correctly for each cut to be made, thanks to the simple and intuitive graphics of the 3D sequencer that guides the operator at each step.
 - * print labels with bar code to identify the various parts, thanks to the Bluetooth connection with compatible label printers.
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- Cast iron saw unit, with lifting system by means of "dove-tail" guideways and tilting on high rigidity sliding side trunnions, complete with scoring unit with independent motor and external setting up
 - Anodized aluminium alloy carriage (dimensions 360 x 2600 mm) sliding on hardened steel guides, which are fixed on the carriage by means of mechanical bending system
 - Squaring frame (dimensions 1200 x 650 mm) with:
 - * telescopic fence with 2 flip-over stops and metric rule tilted towards the operator
 - * eccentric clamp
 - * swinging arm support
 - * idle roller to facilitate the panel loading/unloading
 - Dedicated saw parallel fence with:
 - * "high rigidity" cast iron fence support
 - * micrometric adjustment and cam-locking system
 - * rectified steel round sliding bar, 45 mm diameter
 - Readout of sawblades tilt on the machine front side

Production Code: NOVA SI 40

109999	Security execution	N. 1
R02244	nova si 40 Circular saw with tilting blade complete with: - electrical protections - emergency pushbutton	N. 1
930772	Voltage 400 EU	N. 1
931205	Frequency 50 hz	N. 1
580490	Version with maximum squaring stroke 3200 mm	N. 1
580521	Powered parallel fence with electronic programmer (1 axis) complete with: - position reading by means of encoder - movement through recirculating ball screws - continuously adjustments by means of pushbutton - possibility of incremental positioning - exclusion of fence - 1270 mm cutting width	N. 1
580347	2 saw blade rotating speed (3500/5000 rpm)	N. 1
580504	Squaring fence with no. 2 LCD readouts for stops position Each stop with micrometric adjustment is equipped with electronic digital readout with detecting system on magnetic band and readout on LCD display.	N. 1
083220	Wood blocks	N. 1
109991	Machine language: ENGLISH	N. 1