joinery machines

REV N. 00 - 02/2020 - MC STUDIO

minimax ad 21

manual drilling machine



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woodworking technology

All “Made in SCM Italy”

From casting iron to finished product.

Come see our production plants and touch the quality of SCM machines;
you will be our guest.





scm
woodworking technology

minimax
the passion that deserves professional products.

minimax is the line of professional machines for hobbyists and woodworkers, a point of reference for over 40 years worldwide.
SCM’s objective is to guarantee customers high quality technologies which meet their requirements in such a way as to make SCM the partner for any needs.

minimax **ad 21**
For all drilling requirements.

Single-head multi-drilling machine with 21 spindles.
Ideal solution for woodworking shops and
demanding craftsmen.

drilling machine
ad 21



		ad 21
Max. panel width under the bridge	mm	833
Worktable dimensions	mm	905 x 372
Worktable height	mm	900
Max. tool diameter	mm	40
Min.-max. panel height	mm	10 ÷ 85
Spindles speed rotation	rpm	2800

Find the complete technical specification at page 7



Drilling Head
perfect drilling operation



Cleaning System
very high efficiency



Group for Hinges
high-tech devices



Single-head multi-drilling machine with 21 spindles. Ideal solution for woodworking shops and demanding craftsmen.

ad 21 operating groups





perfect drilling

Drilling Head.
Drilling head made from single-piece aluminium casting, to guarantee absence of vibrations. The drilling unit runs on two rectified cylindrical guides which guarantee stability and precision. The machine is equipped with a mechanical revolver with 5 different drilling depth adjustments. The **new dust extraction system is incredibly efficient**, and leaves the machine surprisingly clean!

A perfect vertical, horizontal and at 45° drilling operation.

Bits replaced quickly and easily!
The machine has 21 quick-change chucks.

The mechanical gauge guarantees fast and precise positioning of the lateral fences.





All controls are ergonomically positioned on the front of the machine. This includes the switch which sets the drilling head at a 45° angle, allowing for an immediate changeover between operations.
For perfect drilling of large panels, the machine has a long 3000 mm fence with a scale and retractable stops. The fence is quickly mounted and removed easily.

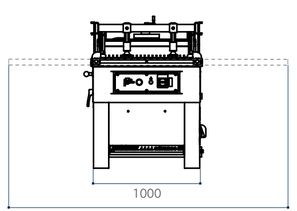


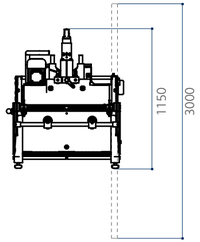
high-tech devices

Groups for Hinges.
For increased versatility, the quick-change chucks can be fitted with various types of bits for different operations, like drilling hinges locations.



ad 21 dimensions and technical data





		ad 21
Worktable dimensions	mm	905 x 372
Worktable height	mm	900
Spindles number		21
Spindles centre-to-centre	mm	32
Maximum tool diameter	mm	40
Maximum drilling centre-to-centre	mm	640
Max. height of horizontal drilling operation	mm	60
Spindle speed	rpm	2800
Min./max. panel thickness	mm	10/85
Max. panel width under the bridge	mm	833
Max. drilling head stroke	mm	70
Drilling head motor powe	kW	1,8
Pneumatic system operating pressure	bar	6
Air consumption	Nl/cycle	3,5
Exhaust outlets diameter	mm	80

PROMPT AND EXPERT TECHNICAL SUPPORT THROUGH **A NETWORK OF 1000 TECHNICIANS AND AN INVENTORY OF 36,000 SPARE PARTS.**

HIGHLY SPECIALISED TECHNICIANS, EFFICIENT MANAGEMENT AND 6 SPARE PARTS BRANCHES AROUND THE WORLD GUARANTEE A CLOSE, SAFE AND EFFECTIVE TECHNICAL SUPPORT.

SERVICE

SCM provides a service that goes beyond the purchase, to guarantee the long term performance of your technological production system and peace of mind for your business.

A COMPLETE RANGE OF AFTER-SALES SERVICES

- installation and start-up of machines, cells, lines and systems
- tailored training programs
- telephone support to reduce times and costs when machines are not working
- preventive maintenance programs to guarantee long term performance
- complete renovation of machines and plants to renew the added value of the investments
- custom upgrading to update machines and plants and meet new production requirements

scmservice

SPARE PARTS

SCM Group can count on 140 spare parts professionals worldwide to meet any request with real time shipments.

36,000 SPARE PARTS
Our spare parts inventory, with a value of 12 million euros, covers every single machine

SPARE PARTS GUARANTEED
We guarantee also hard to find parts, with 3,5 million euros invested in "critical" spare parts.

IMMEDIATE AVAILABILITY
Over 90% of orders received are carried out the same day thanks to the huge inventory available.

6 BRANCHES AROUND THE WORLD
The spare parts service can count on worldwide support (Rimini, Singapore, Shenzhen, Moscow, Atlanta, São Bento do Sul

500 SHIPMENTS A DAY

scmspareparts



THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA

SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND
Over 65 years of success gives SCM the centre stage in woodworking technology. This heritage results from bringing together the best know-how in machining and systems for wood-based manufacturing. SCM is present all over the world, brought to you by the widest distribution network in the industry.

65 years history
3 main production sites in Italy
300.000 square metres of production space
20.000 machines manufactured per year
90% export
20 foreign branches
400 agents and dealers
500 support technicians
500 registered patents



In SCM's DNA also strength and solidity of a great Group. The SCM Group is a world leader, manufacturing industrial equipment and components for machining the widest range of aterials.di materiali.

SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL MACHINES AND COMPONENTS

INDUSTRIAL MACHINERY

Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.

- scm — WOODWORKING TECHNOLOGIES
- Cms — TECHNOLOGIES FOR PROCESSING COMPOSITE MATERIALS, ALUMINIUM, PLASTIC, GLASS, STONE, METAL

INDUSTRIAL COMPONENTS

Technological components for the Group's machines and systems, for those of third-parties and the machinery industry.

- HITECO — SPINDLES AND TECHNOLOGICAL COMPONENTS
- es — ELECTRIC PANELS
- steelmec — METALWORK
- scmfonderie — CAST IRON

scm woodworking technology | *is more*

The motors powers in this catalogue are expressed in S6, except where otherwise specified. In this catalogue, machines are shown in CE configuration and with options. We reserve the right to modify technical specifications without prior notice, provided that such modifications do not affect safety as per CE norms.

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