packaging

cut c 100 / cut c 200

cardboard packaging solutions

scm
woodworking technology

A JUST-IN-TIME BOX FOR EVERYTHING

cut c 100

cut c 200

6

CUT C 100

8

CUT C 200

COMPLETE

The cut c range is designed to meet all cardboard packaging needs from small to large companies.

MODULAR

The cut c have 3 types of carton feeding: single sheet, with side by side fanfold or with automatic 4-layer selector.
With the selector, the machine automatically chooses the most suitable size from those available in the infeed to optimize cardboard consumption.

PERFECTION

The machines are equipped with one transverse unit and up to 12 longitudinal units. Each unit can be equipped with different types of tools and is fully automatic.

SOFTWARE

It allows intuitive management of production and various advanced features.

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TECHNOLOGICAL ADVANTAGES

Particularly suitable for:

- small to medium-sized companies
- medium to low productivity requirements
- more than 2 boxes per minute
- for small batch production or flexibility (batch 1)

Storage up to 3 fanfold side by side

Carton feeding:

- *single sheet/fanfold (std.)*
- *2 to 3 fanfolds side-by-side (std.)*
- *automatic selector-introducer (up to 8 fanfolds) (opt.)*

Single sheet insertion

Longitudinal cutting and creasing units

Control panel

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

Particularly suitable for:

- medium-large companies
- medium to high productivity requirements
- over 4 boxes per minute
- for batch production or high flexibility (batch 1)

Storage up to 8 cardboard fanfolds

Carton feeding:

- *single sheet/fanfold (std.)*
- *2 to 4 fanfolds side-by-side (std.)*
- *automatic selector-introducer (up to 8 fanfolds) (opt.)*

4-layer automatic selector-introducer

Control panel

Longitudinal cutting and creasing groups

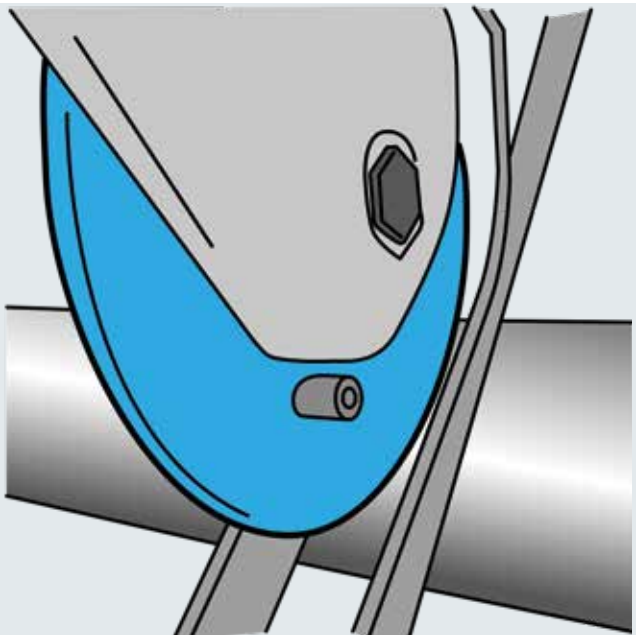
CUTTING AND CREASING UNITS

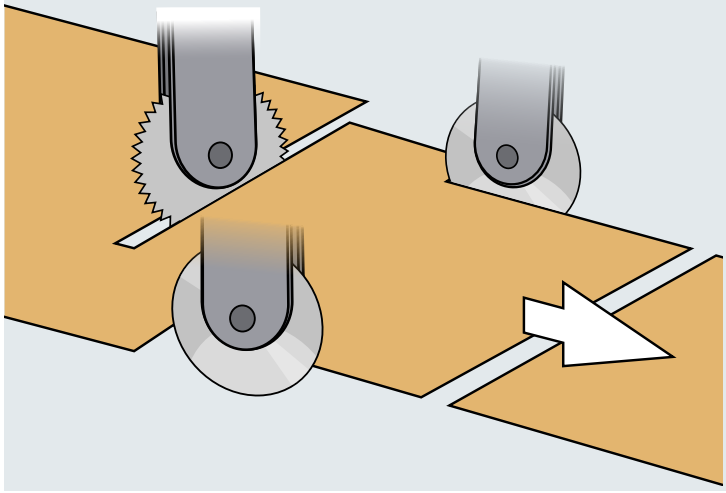
The cutting and creasing units are the tools needed to create the folds and outline of the cardboard box.

The positioning of the longitudinal groups is done sequentially via a positioner installed into the cross group.

The machines are equipped with 7 cutting and creasing groups as standard, while a configuration with 12 groups can be chosen as an option to achieve up to 2 boxes side by side.

The life of cutting tools is much longer than those with sharp or serrated blades: our cutting system provides a wider contact surface and counter roller made of case-hardened steel; this ensures optimal cutting quality over time and less need for maintenance.





Longitudinal and cross tools.

cut c 100

- Manual adjustment of longitudinal assemblies according to carton thickness

cut c 200

- Automatic adjustment via panel of groups according to carton thickness
- Longitudinal and transverse perforation as standard

FANFOLD CARDBOARD MAGAZINES

SINGLE
The machine can work with cardboard sheets, single fanfold or both.
Cardboard width that can be fed into the machine: max 2500, min 400mm.

MULTIPLE
With this configuration it is possible to use 2 to 4 cardboard fanfolds side by side.

4-LAYERS AUTOMATIC SELECTOR
The multiple storage has 4 layers, each of which can accommodate 2 fanfold side by side, thus doubling the number of available cardboards (up to 8).

AOTHER OPTIONS AVAILABLE

SCANBOX

The **scanbox** allows reading the dimensions of a single or several products together and sends the data to the machine for box production. It can also be used for creating a database with the dimensions of all items.
The measurement is done by the operator using the supplied wireless barcode reader by reading the three product dimensions.

Wireless barcode reader

ADDITIONAL DEVICES

GLUE FORCE 100

GLUE FORCE 200

The **glue force** are suitable for gluing small/medium (glue force 100) or medium/large (glue force 200) American boxes (FEFCO 0201) using hot-melt glue.
The operator manually inserts the unfolded and folded box inside the machine where flap gluing takes place. This allows the box to be closed without the use of metal staples.

LABEL PRINTER

It is possible to combine the production of the boxes with the printing of the relevant label using a benchtop printer.

Active box cut c 100

SOFTWARE

Active box
cut c 100

The control terminal is installed on a swinging arm that can be rotated 180° to allow the operator to simultaneously manage the controls on the terminal and the ongoing operations on the packaging machine. The supplied PC is industrial grade, making it suitable for use in working environments characterized by temperature ranges, high humidity levels, presence of dust and corrosive elements.

It allows intuitive management of the production and advanced features of:

- numerous pre-existing packaging templates
- customizable packaging templates
- customer box archive
- production lists: to plan orders by customer, by product, by period, etc.
- connection to the company network: to manage production from the office or from the management system
- production reports and remote SQL queries: report display of various production data

Active box PRO 2.0 cut c 200

SOFTWARE

Active box PRO 2.0
cut c 200

Enables intuitive management of production and advanced features:

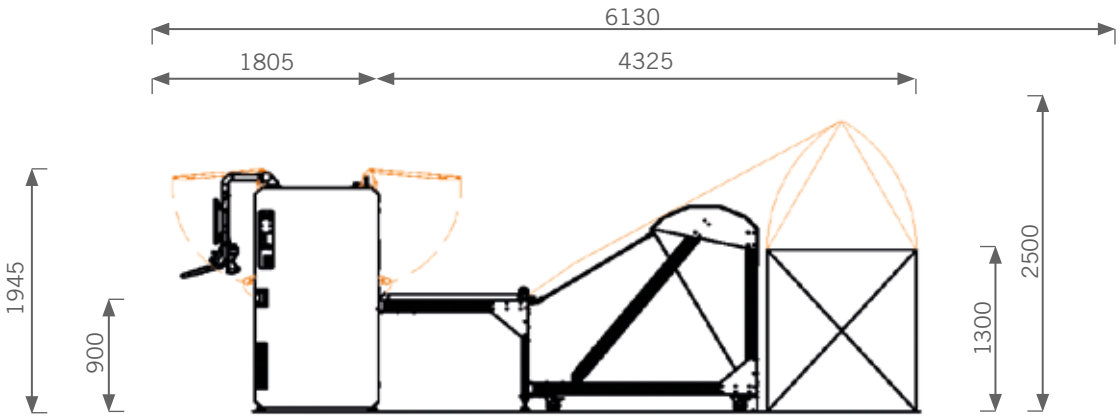
- pre-existing and customizable packaging templates
- customer box archive
- production lists: to plan orders by customer, by product, by period, etc.
- connection with the company network: to manage production from the office or from the management system.
- production reports and remote SQL queries: report display of various production data.
- available plugins: WEB REPORT

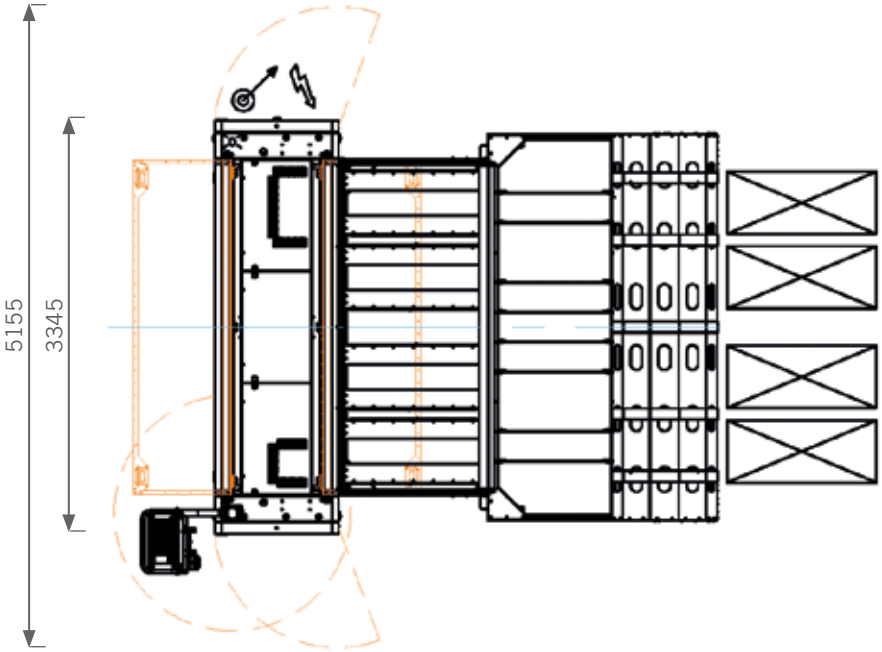
In addition, it includes the following advanced features:

- archive of the types of cardboard used, each with its own optimal working parameters to simplify the process and obtain consistently perfect boxes
- to the normal 2D and 3D visualizations of box models is now added the animation of the closure, useful for operators in the case of new or complex models
- fully customizable composite boxes: possibility to create and store packaging consisting of several parts, for example boxes with protections.
- assisted help with display of the problem solution described on the screen in a PDF sheet.

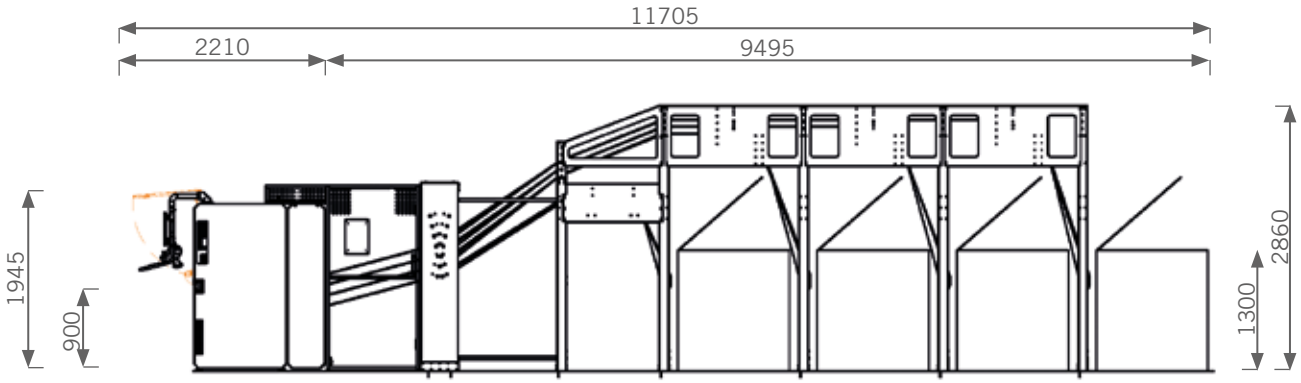
OVERALL DIMENSIONS

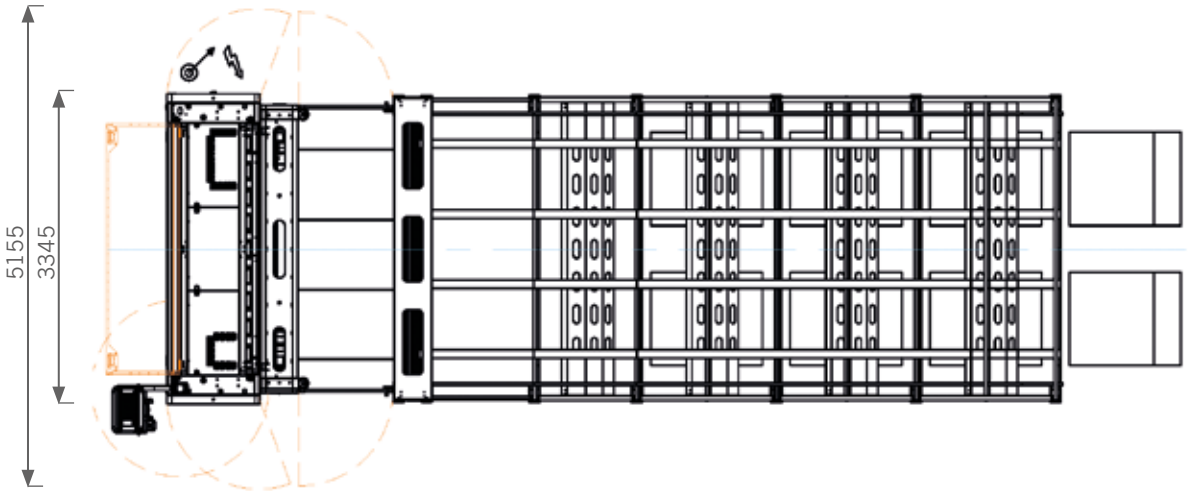
cut c 100 and cut c 200 configuration
with storage up to 4 cardboard fanfolds side by side



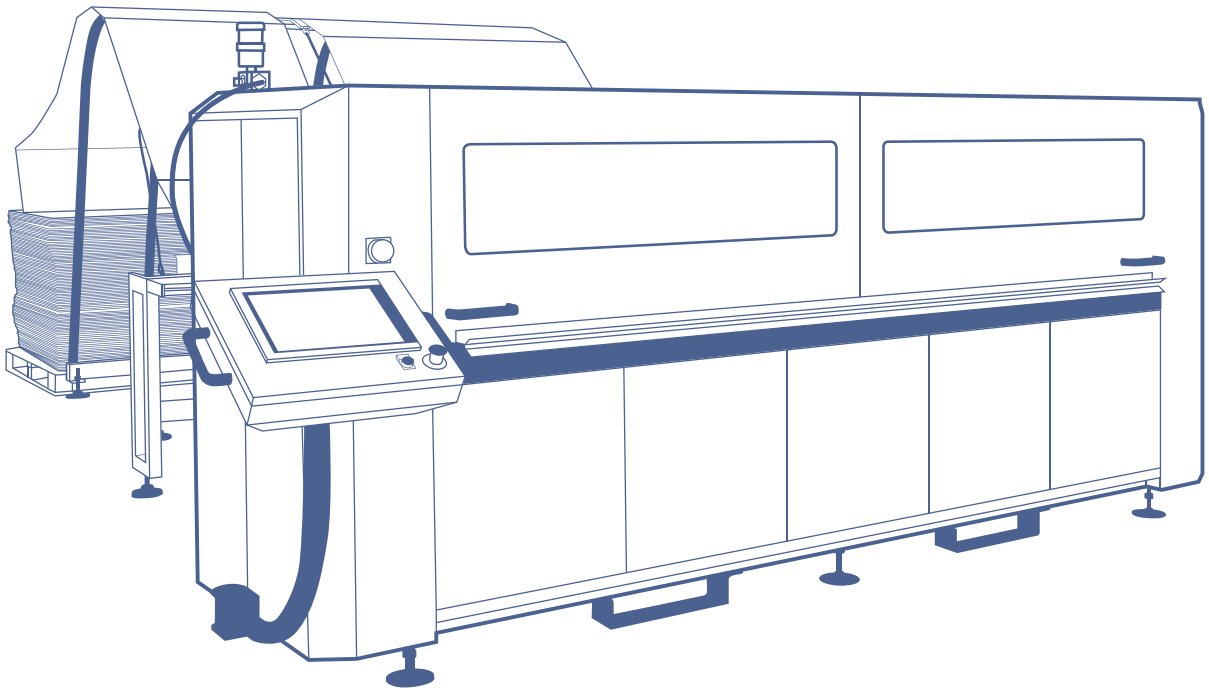


cut c 100 and cut c 200 configuration with storage up to 8 cardboard fanfolds

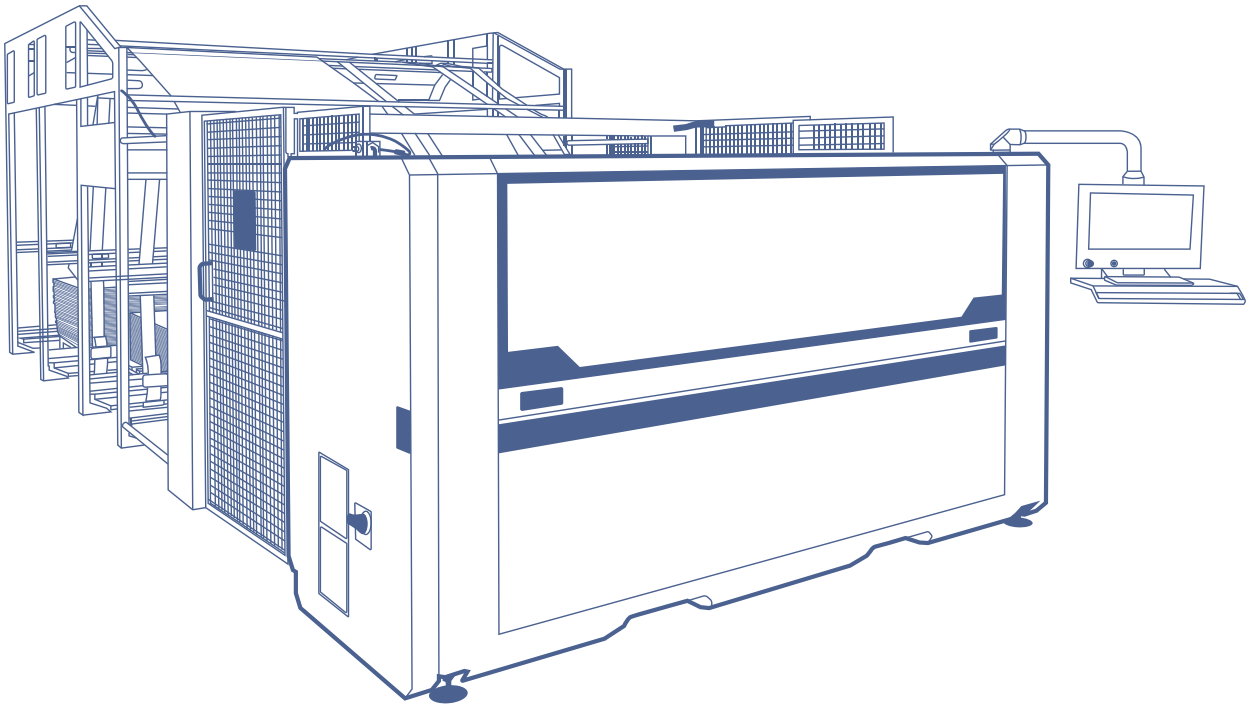




TECHNICAL FEATURES



cut c 100	
Max usable cardboard width	2500 mm
Operation	automatic
Productivity	medium - low
Boxes / min	2
Boxes / day (batch 1)	0 - 500
Boxes / day (batches)	0 - 1000
Carton feeding speed	40m / min
Single carton feeding	fanfold / sheets
Carton storage feeding	up to 8 fanfolds
N. Longitudinal units	7 to 12
Creasing	normal
Carton trim management	not available
Carton thickness	from 2 mm to 7 mm
Minimum open box length produced	420 mm
Power supply	400V / 50Hz (European) - 480V / 60Hz (USA)
Power	3-4 kW
Compressed air	min 6-7 bar (max consumption 115 Nl/min)
Operating software	Active box
Box designer	not available



cut c 200	
Max usable cardboard width	2500 mm
Operation	automatic
Productivity	medium - high
Boxes / min	4
Boxes / day (batch 1)	500 - 1000
Boxes / day (batches)	1000 - 1500
Carton feeding speed	45m / min
Single carton feeding	fanfold / sheets
Carton storage feeding	up to 8 fanfolds
N. Longitudinal units	7 to 12
Creasing	normal / perforated
Carton trim management	available
Carton thickness	from 2 mm to 7 mm
Minimum open box length produced	420 mm
Power supply	400V / 50Hz (European) - 480V / 60Hz (USA)
Power	3-4 kW
Compressed air	min 6-7 bar (max consumption 115 Nl/min)
Operating software	Active box PRO 2.0
Box designer	available

scm | service

WE'LL GO THE EXTRA MILE FOR YOU

SCM OFFERS A FULL RANGE OF **HIGHLY SPECIALISED SERVICES** WITH A QUALITY AND RELIABILITY THAT STEM FROM 70 YEARS OF EXPERIENCE IN THE INDUSTRY.

From installation and production start-up to services and maintenance. From training to the supply of specific original spare parts: **we provide solutions designed around you!**

SERVICE AND MAINTENANCE

- Remote support
- Scheduled maintenance contracts
- Warranty extension

TRAINING SERVICE

- Courses for machine operators
- Software and programming courses
- Training in production start-up

SPARE PARTS

- Recommended spare parts list
- E-shop
- Interactive spare-parts catalogues
- Repairs on electronic parts, glue tanks and electro-spindles

DIGITAL SERVICES

- Maestro Connect - IoT platform to be constantly connected with your machines
- Smartech - assistance with augmented reality
- My Scm portal - opening of service ticket and single point of access to the apps and Services tools

CONTACT

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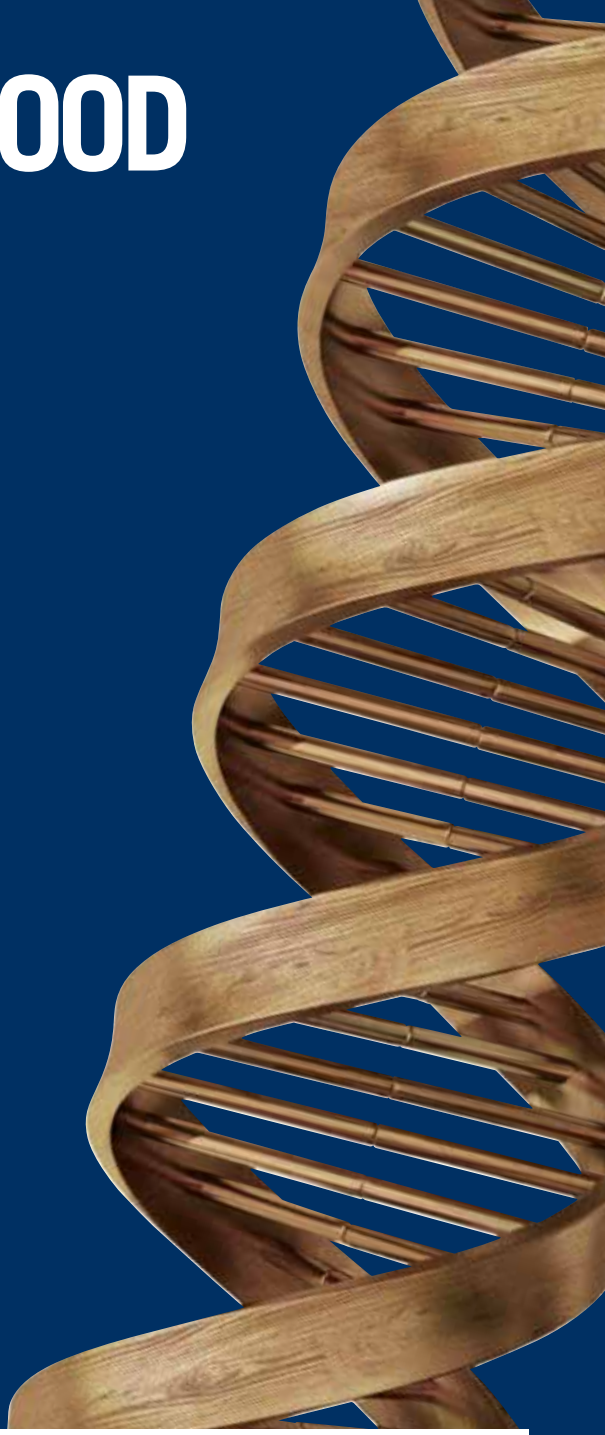
My Scm

THE STRONGEST WOOD TECHNOLOGIES ARE IN OUR DNA



SCM. A HERITAGE OF SKILLS IN A UNIQUE BRAND

70 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.

70 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 materials.

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*

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