cut c range
cardboard packaging solutions

cut c 200

scm

scm
woodworking technology

A JUST-IN-TIME BOX FOR EVERYTHING

cut c 50

cut c 100

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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OTHER OPTIONALS AVAILABLE

20

OVERALL DIMENSIONS

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

Strengths:

- Entry-level solution: Excellent Price/Performance ratio
- Small footprint
- Over 2 boxes per minute
- For small batch production or flexibility (batch 1)

UNWINDING RACK FOR 4 FANFOLDS WITH AUTOMATIC SELECTOR
*The multiple storage has 2 layers, each of which can accommodate 2 fanfolds side by side, thus doubling the number of cartons available (up to 4).
The built-in automatic selector inserts the correct format according to the box to be produced*

Longitudinal cutting and creasing units

Control panel

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

Strengths:

- Medium productivity
- Over 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.)
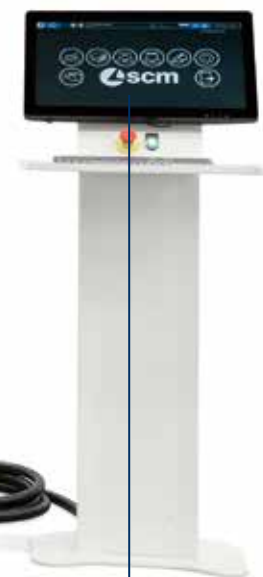- automatic selector-introducer
  (up to 8 fanfolds) (opt.)

Single sheet insertion

Longitudinal cutting and creasing units

Control panel

TECHNICAL FEATURES OVERVIEW

TECHNOLOGICAL ADVANTAGES

Strengths:

- Medium to high productivity
- Over 4 boxes per minute
- For small batch production or high flexibility (batch 1)
- Can be integrated into automatic packaging lines

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

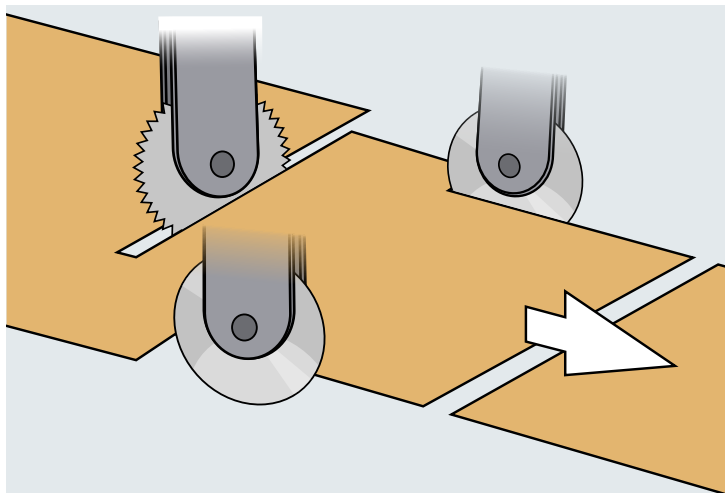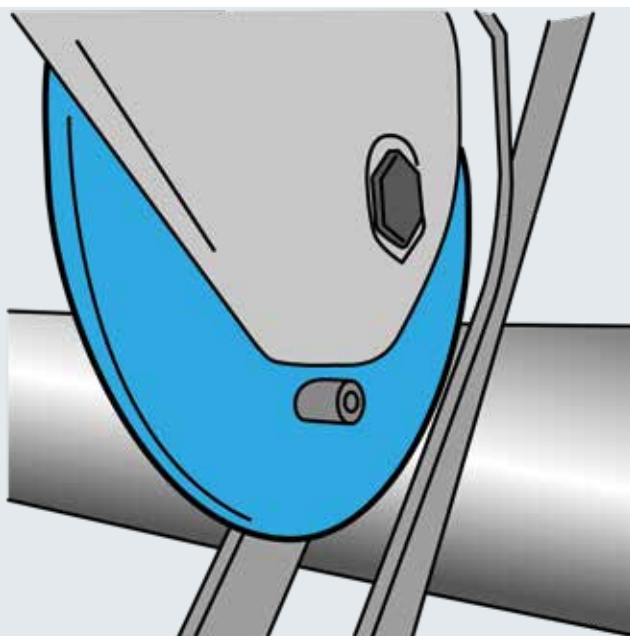*Longitudinal cutting and creasing groups*

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 50

• Single-arm swing system for cutting and creasing

cut c 100 - 200

• 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

cut c 50

UNWINDING RACK FOR FANFOLDS

The structure ensures optimal fanfold unfolding and keeps the cardboard properly aligned during infeed.

The structure allows the machine to be fed with up to two side-by-side stacks of fanfolds.

UNWINDING RACK FOR 4 FANFOLDS WITH AUTOMATIC SELECTOR

The multiple storage has 2 layers, each of which can accommodate 2 fanfolds side by side, thus doubling the number of cartons available (up to 4). The built-in automatic selector inserts the correct format according to the box to be produced

cut c 100 - 200

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

Wireless barcode reader

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.

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 PRO light cut c 50

Active box PRO light

The control terminal is detached from the machine and installed on a movable support that can be positioned as required by the operator.
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:

- 15 pre-existing packaging templates
- customer box archive
- 2 production lists: to plan orders by customer, by product, by period, etc.
- Management of production parameters, such as:
  - Box production orientation: 0° / 90° / 180°
  - production in multiple side-by-side output
- connection to the company's network: for remote transmission of production data
- production reports and remote SQL queries
- archive of the types of cardboard used by the customers
- assisted help desk for problem resolution

Active box PRO 2.0 cut c 100 cut c 200

SOFTWARE

Active box PRO 2.0

The control terminal is detached from the machine and installed on a movable support (cut c100) or on a movable arm (cut c200).
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.
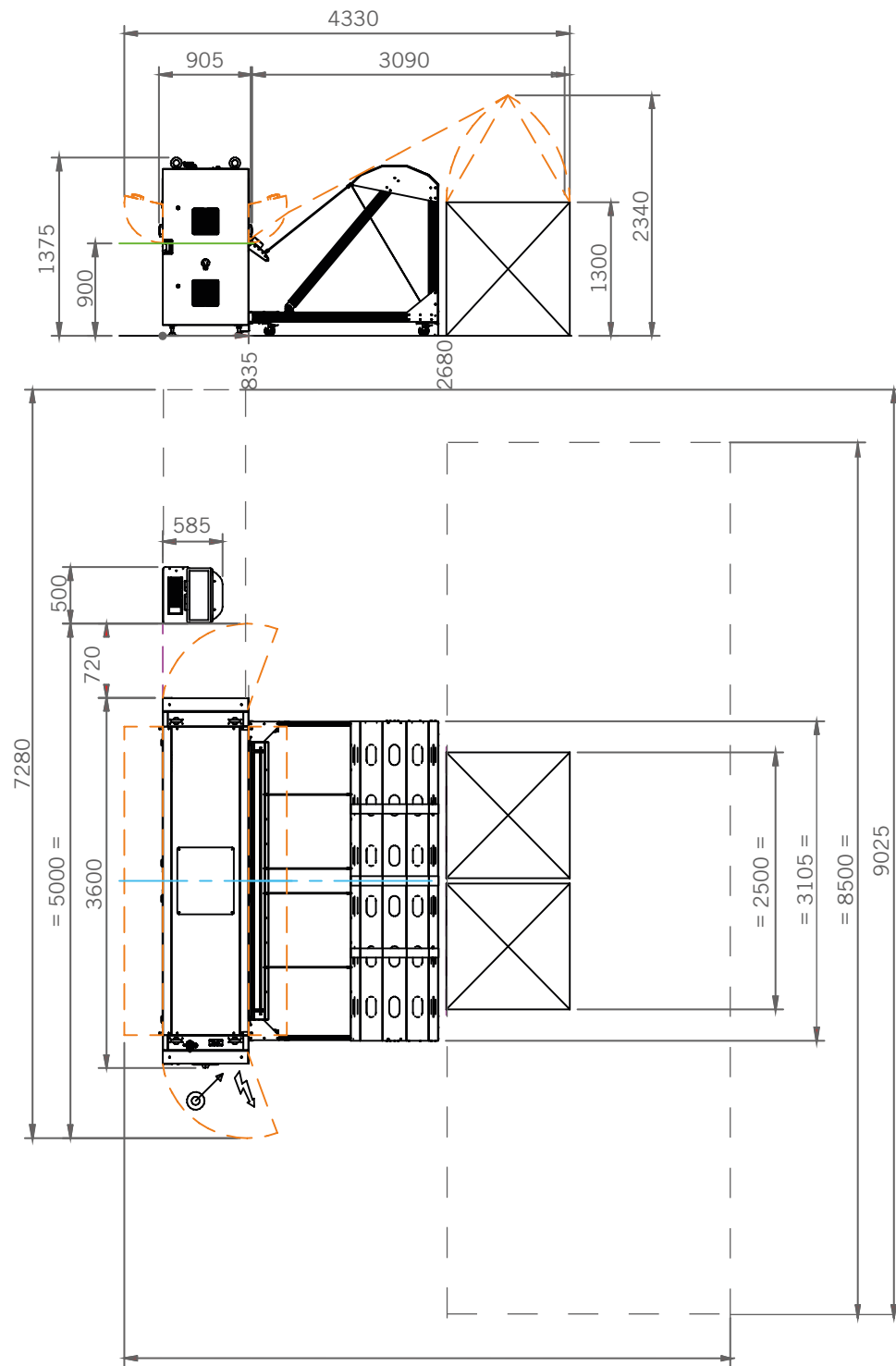
It allows intuitive management of the production and advanced features of:

- 40 pre-existing packaging templates
- customer box archive
- production lists 5 (cut c 100) / 10 (cut c 200): to plan orders by customer, by product, by period, etc.
- Management of production parameters, such as:
  - box production orientation: 0° / 90° / 180°
  - production in multiple side-by-side output
- connection to the company's network: for remote transmission of production data
- production reports and remote SQL queries
- archive of the types of cardboard used by the customers
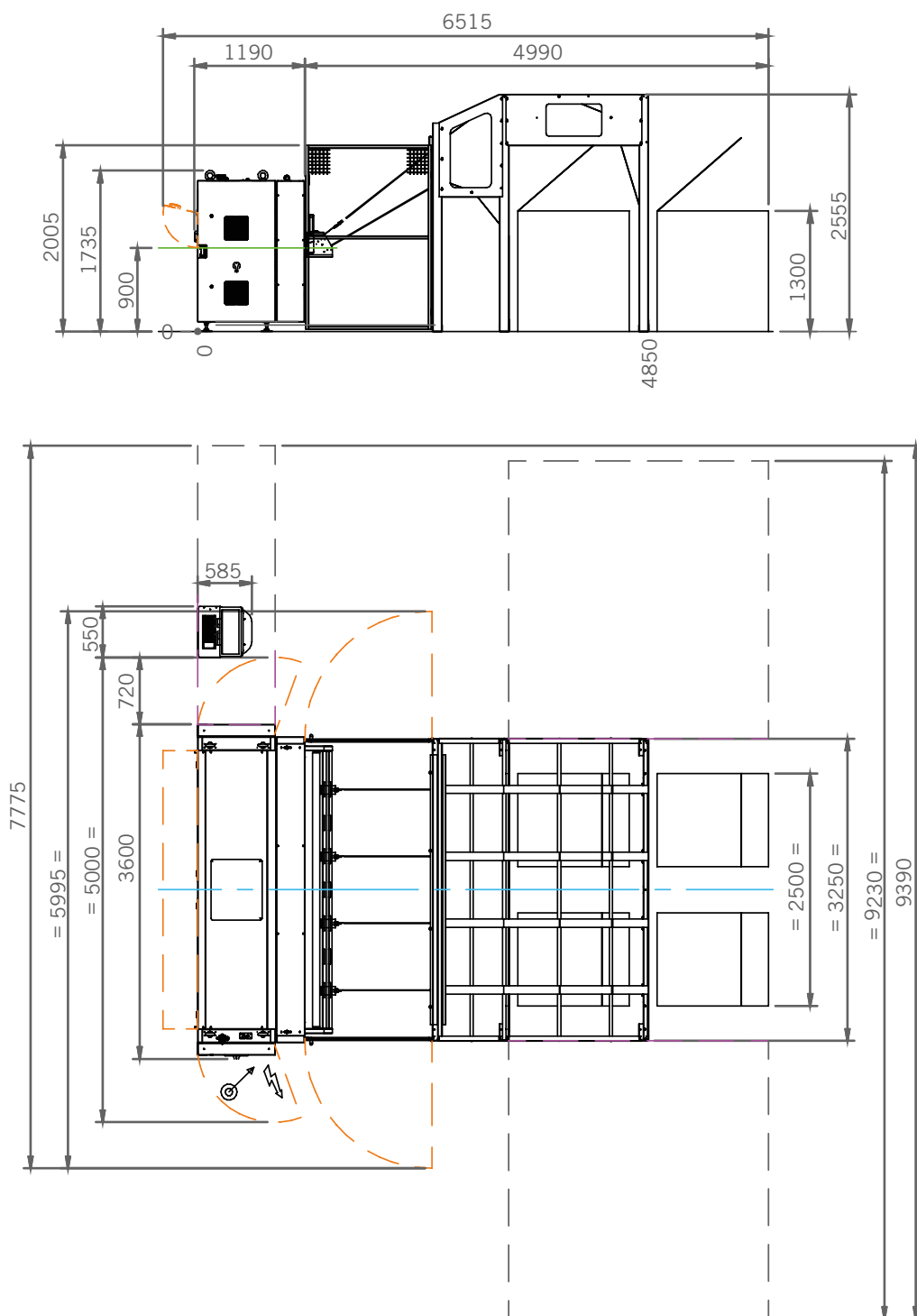- assisted help desk for problem resolution

OVERALL DIMENSIONS
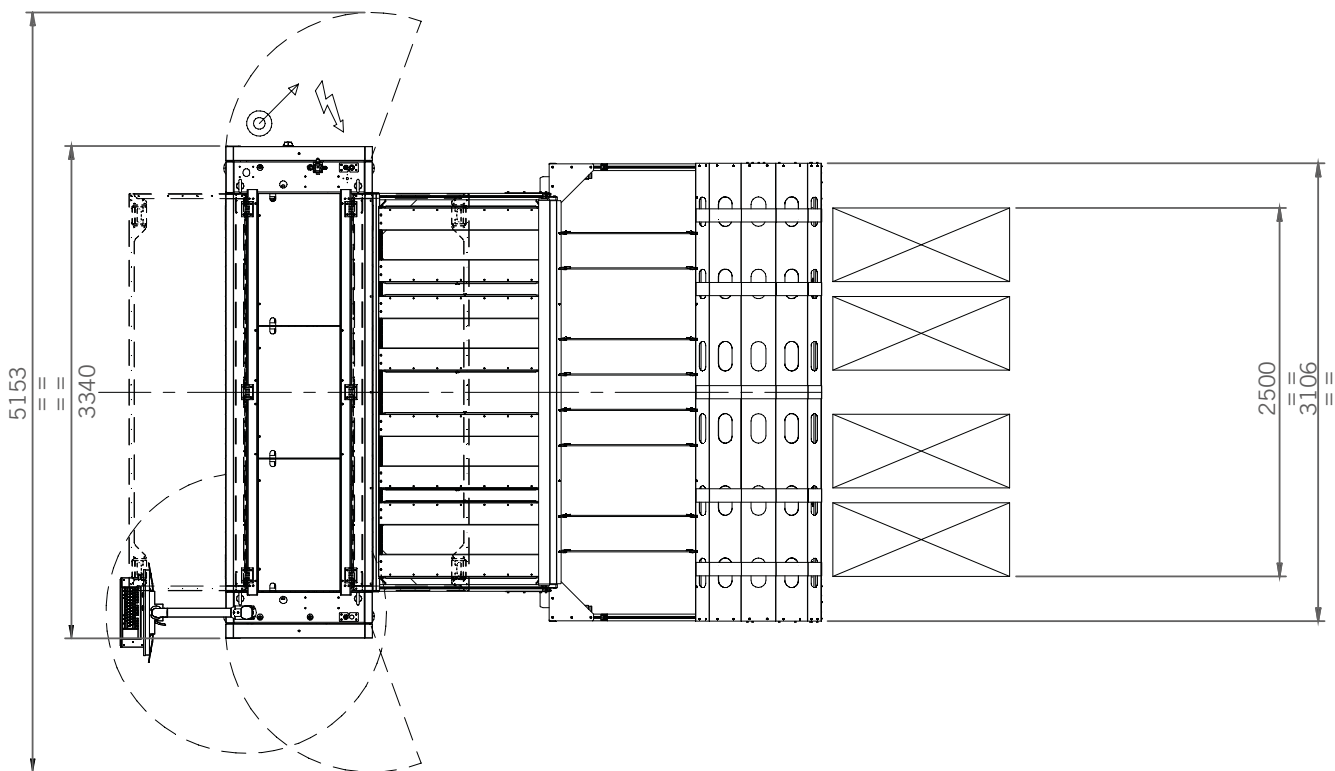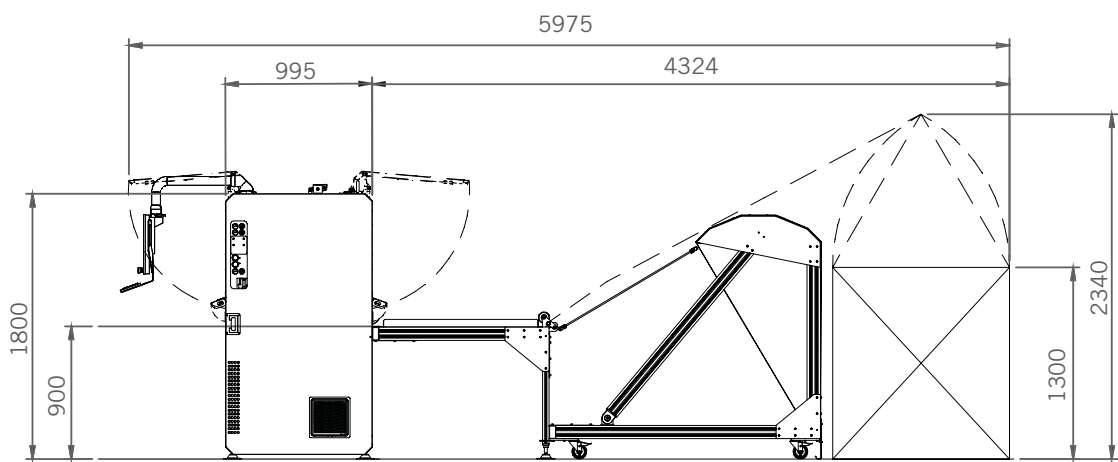
cut c 50 CONFIGURATION
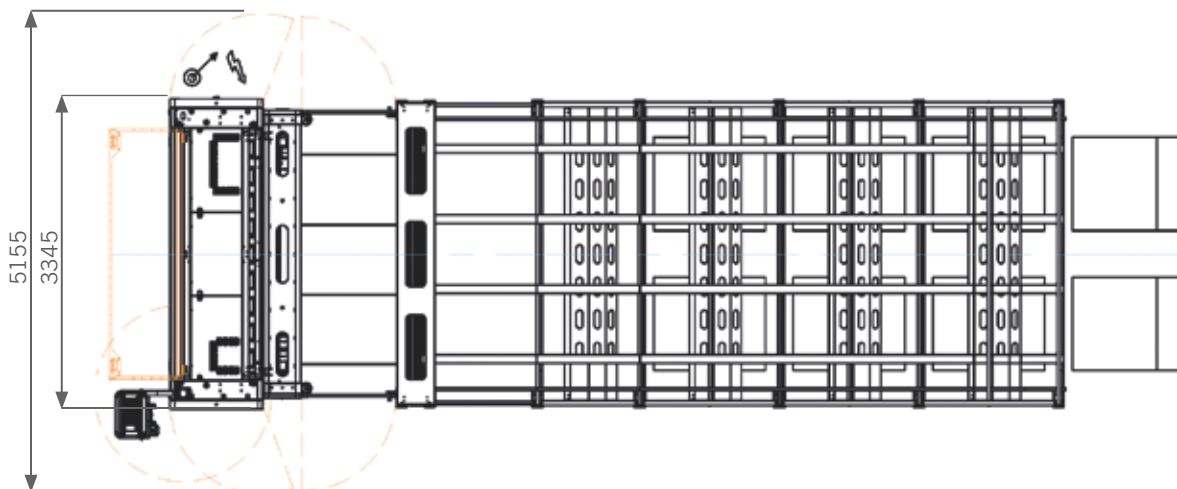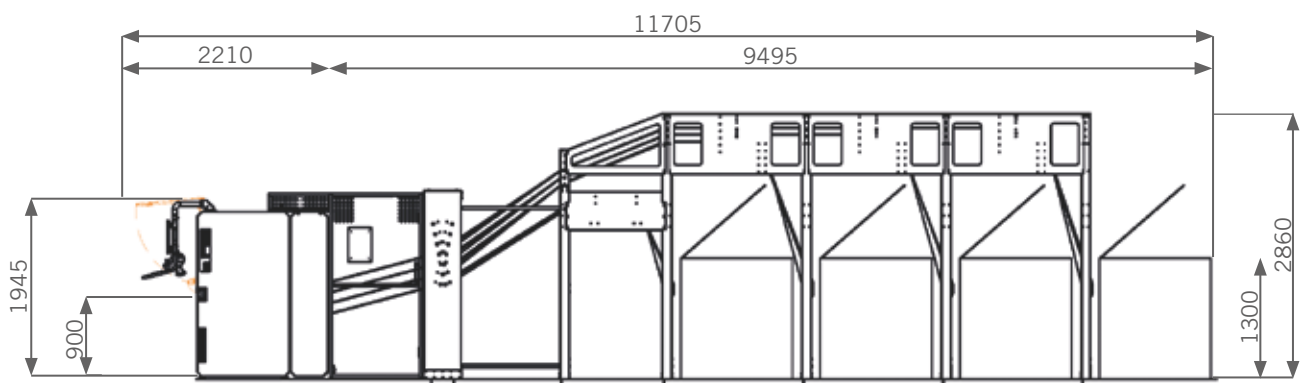## unwinding rack for 4 fanfolds with automatic selector

OVERALL DIMENSIONS

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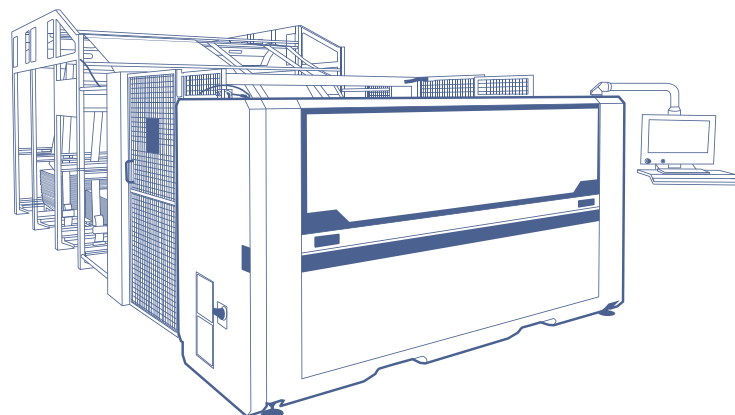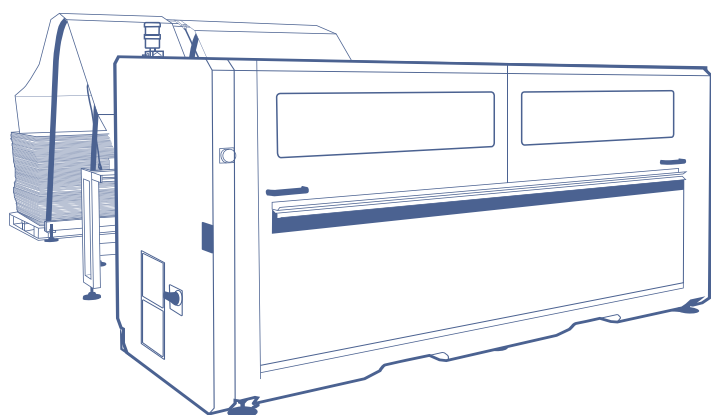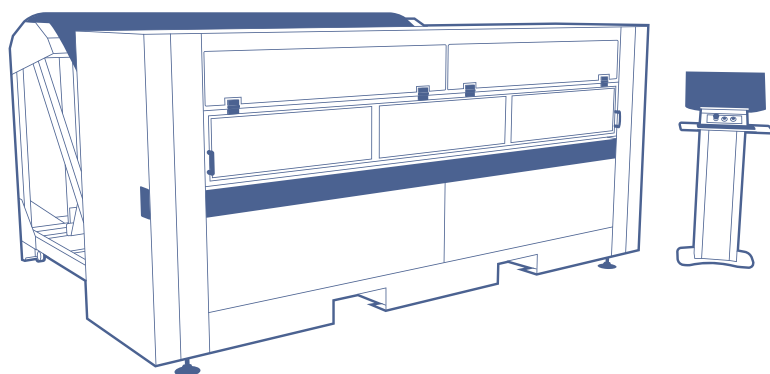with storage up to 4 cardboard fanfolds side by side**

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

TECHNICAL FEATURES

	c50	c100	c200
Max usable cardboard width		2500 mm	
Operation		automatic	
Productivity	low	low-medium	medium - high
Boxes / min		2	4
Boxes / day (batch 1)		0-500	500-1000
Boxes / day (batches)	0 - 750	0 - 1000	1000 -1500
Carton feeding speed	36 m/min	40 m/min	45 m/min
Single carton feeding	fanfold	fanfold / sheets	
Carton storage feeding	up to 4 fanfolds	up to 8 fanfolds	
N. Longitudinal units	7	da 7 a 12	
Creasing	normal	normal	normal/perforated
Carton trim management	not available	available	
Carton thickness	2 to 5 mm	2 to 7 mm	
Minimum open box length produced		420 mm	
Power supply		400V / 50Hz (Europea) - 480V / 60Hz (USA)	
Power		3-4 kW	
Compressed air	min 6 bar (max consumption 115 Nl/min)	min 6-7 bar (max consumption 115 Nl/min)	
Operating software	Active box PRO light	Active box PRO	
Box designer	option	available	

Maestro connect

CONNECT YOUR MACHINE AND GAIN ACCESS TO A WORLD OF SERVICES

Connecting your machine through IoT technology Maestro connect will let you subscribe a program of fast-evolving services. You will access a wide range of benefits that even go beyond the machine experience and will support and assist you through the whole life-cycle of your machine.

FASTER SERVICE INTERVENTION AND PROBLEM RESOLUTION

Maestro connect provides real time data and Health Records of the machine also to SCM Service, drastically reducing its troubleshooting time.

WORKING ALWAYS IN PERFECT CONDITIONS

Maestro connect can provide a full kit of sophisticated sensor devices to detect and warn the operator in case of alarming conditions of the machine.

SMART MACHINE

THE ENTIRE MACHINERY FLEET AT YOUR FINGERTIPS

- **REAL-TIME MONITORING** of the machine status, components, and performance in term of availability and efficiency.

- **INSTANT NOTIFICATIONS** on pc, tablet, and smartphone when machine alarms occur, allowing you to act timely and avoid additional equipment damages.

SMART MAINTENANCE

PLANNING AND MAINTENANCE: PREVENTION IS BETTER THAN… REPAIRING!

- **PLANNING**: In the Smart Maintenance section, you can find all the tools you need to plan the maintenance of the entire machinery fleet to prevent downtimes.

- **TROUBLESHOOTING**: Thanks to intuitive smart documents, Maestro connect guides the operator in the maintenance activities procedures step by step.

- **SERVICE REQUEST**: Do you need further support? Open a ticket in one click, and our experts will assist you.

WARRANTY EXTENSION

Is your machine still under warranty?

You will be able to activate the second year of warranty with facilitated conditions directly via Maestro connect.

SMART ANALYTICS

REPORT AND KPI: GET TO KNOW BETTER YOUR MACHINE

Maestro connect reports and KPIs provide an in-depth analysis of production results, enabling you to know your machine's performance in detail.

OEE: WHY IT'S IMPORTANT TO KNOW IT

The Overall Equipment Efficiency Indicator (OEE) allows you to monitor the three variables: **Availability, Performance and Quality.** By doing so, you'll be able to detect the lower one and act on it: the performance of your machine will be the highest ever.

SCM | service

WE'LL GO THE EXTRA MILE FOR YOU

- SERVICE AND MAINTENANCE
- TRAINING SERVICE
- SPARE PARTS
- DIGITAL SERVICES

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

SOLUTIONS AND SERVICES ALWAYS CONNECTED FOR YOU

SCM, A STRATEGIC PARTNER, BY YOUR SIDE AT EACH STAGE OF YOUR BUSINESS PROCESS

SCM has always stood alongside companies in the woodworking sector, with **technological solutions and services which are constantly connected to maximise the machine's efficiency, improve product quality and reduce operating costs.**

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

SCM GROUP, THE MOST ADVANCED SKILLS AND KNOW-HOW IN THE FIELDS OF MACHINERY AND INDUSTRIAL COMPONENTS OVER THE LAST 70 YEARS

INDUSTRIAL MACHINERY	INDUSTRIAL COMPONENTS
Stand-alone machines, integrated systems and services dedicated to processing a wide range of materials.	Technological components for the Group's machines and systems, for those of third-parties and for the mechanical industry.

INDUSTRIAL MACHINERY

scm — Woodworking technology

Cms — Composite, aluminium, plastic, glass, stone, metal technology

MECAL — Technologies for the profiles processing of aluminium, PVC and light alloy

TECNO LOGICA — Automated systems for industry

INDUSTRIAL COMPONENTS

HITECO — Electrospindles and technological components

es — Electrical panels

steelmec — Metalworking and mechanical machining

scmfonderie — Iron castings

scm | *is more*
woodworking technology

scm

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