

# serie rem

CNC working centres and integrated cells for inserting hardware



# rem series

CNC working centres and integrated cells for inserting hardware

Hi-tech solutions for machines and integrated cells designed for vertical operation and requiring advanced levels of productivity and flexibility.

- **SUITABLE FOR ALL KINDS OF MACHINING:**

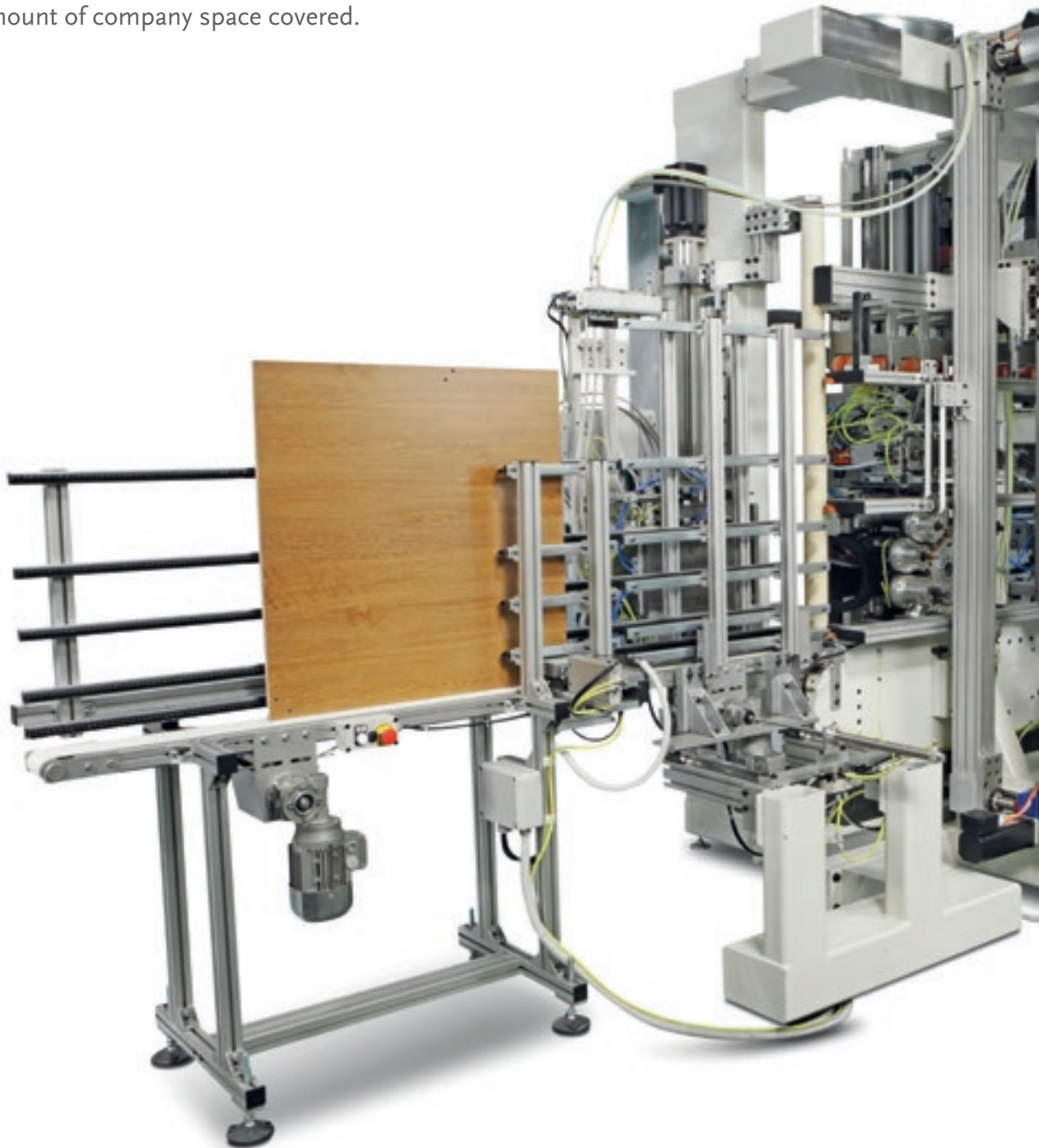
Dedicated at any type of working, drilling, cutting and inserting any kind of hardware.

- **HIGH FINISHING QUALITY:**

Sturdy mechanical structure offering high speed of movement with high working precision.

- **LOW MANAGEMENT COSTS:**

Minimum amount of company space covered.





-  cutting saw.
-  edge banding.
-  **cnc centre.**
-  sanding.
-  packaging.

# rem series

hi-tech **benefits**



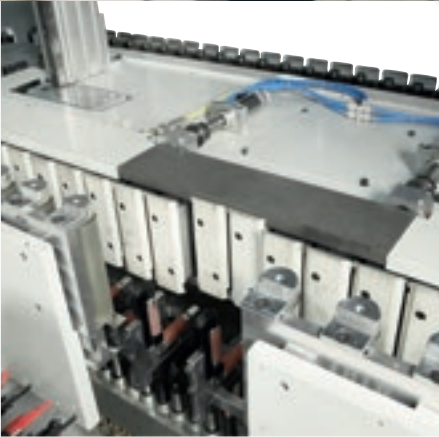
## **HIGH RIGIDITY OF THE STEEL RIBBED STRUCTURE.**

Superior product finishing quality even for heavy-duty, hi-speed machining processes.



## **UNDEFORMABLE CHAIN OF TRANSPORT PIECES.**

Hi-precision guarantee thanks to the large workpiece support base even at peak speeds of 100m/min.



## **HORIZONTAL TRANSPORT PIECES CHAIN**

All sides of the panel (or items with a complex shape) can be machined with a single, horizontal workpiece conveyor drive.



# rem series

machine models

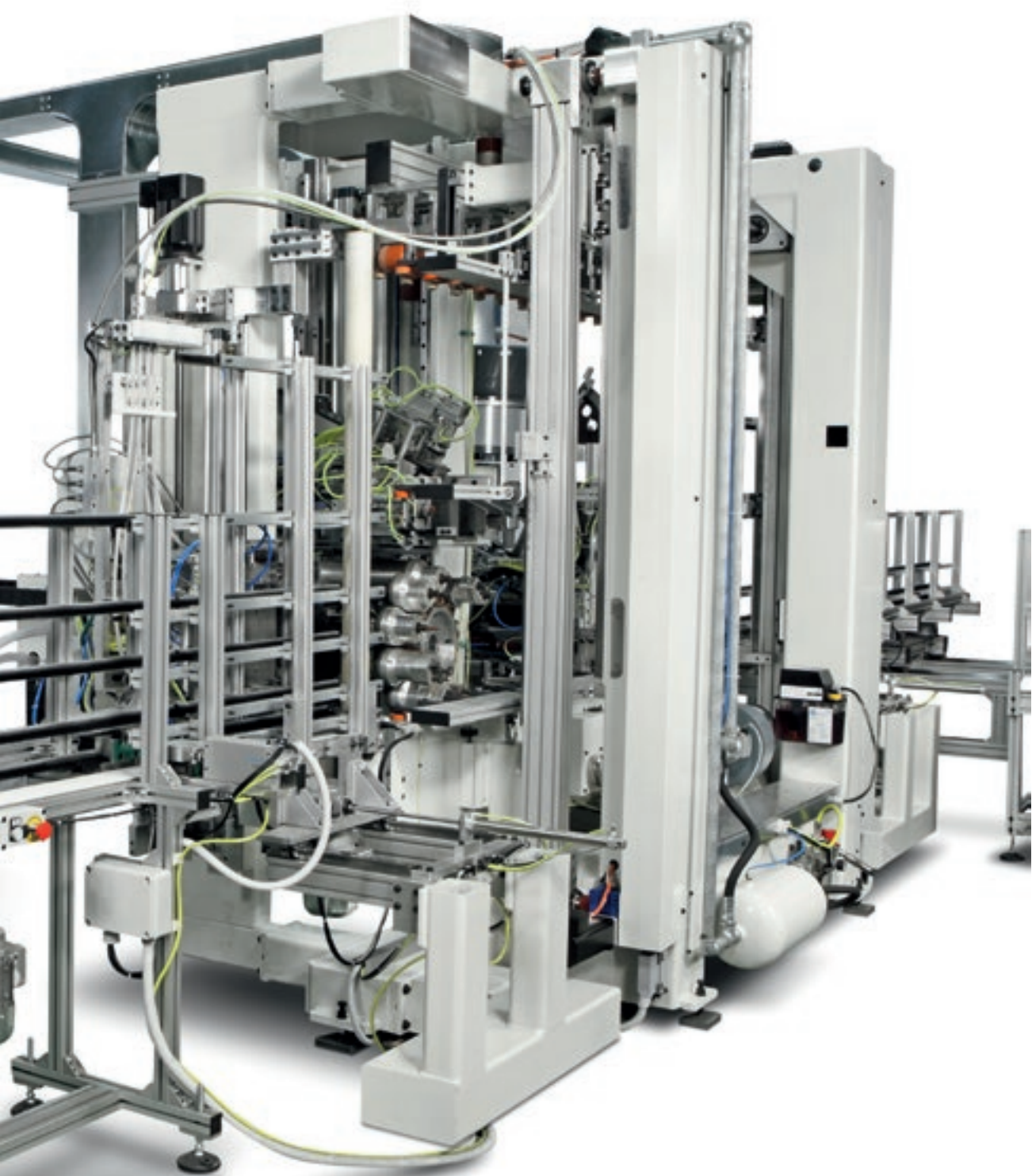
## REM 200

A model that can house 2 separate units positioned, one high and one low, on the infeed side of the machine.

## REM 400

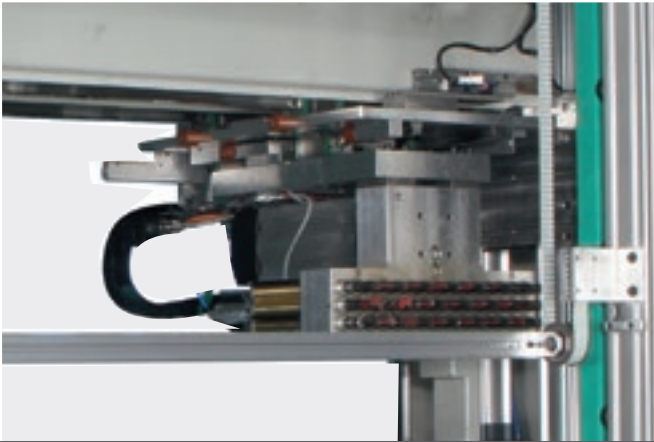
A model that can house 4 separate units positioned, one high and one low, on the infeed side of the machine and the other two at machine outfeed.





# rem series

**optional units**  
operator units

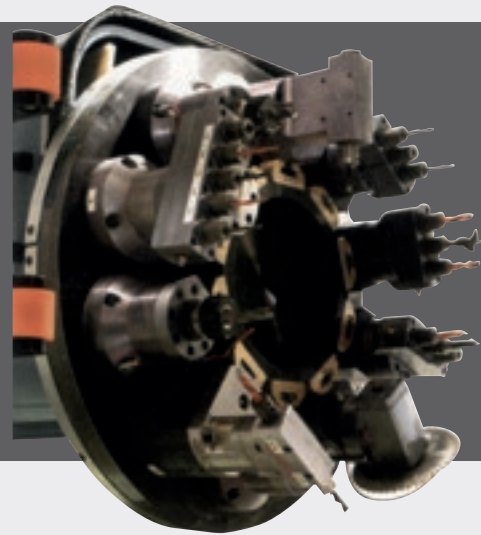


## Boring heads

Variable shape, max 48 independent spindels configuration drill heads: adjustable inverter speed up to a maximum of 6000 rpm.

## Revolver tools changer

Fast and precise 10-position REVOLVER tool change with a 11kw electro-spindle: Tool change in 1.5" (wood- wood).

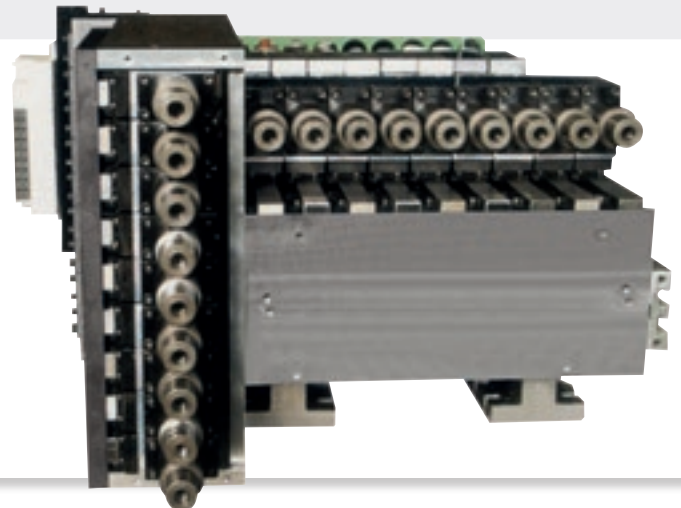


## Electro-spindle

Operator unit Electro-spindle with a max power of 11 kW.

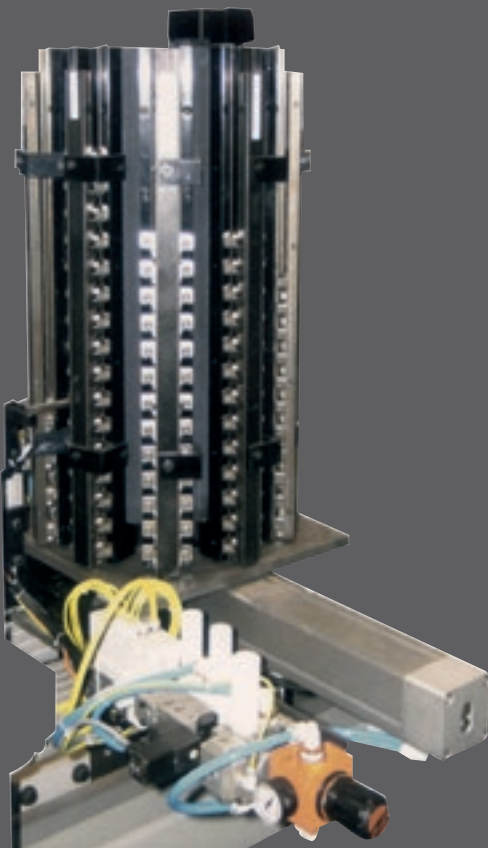
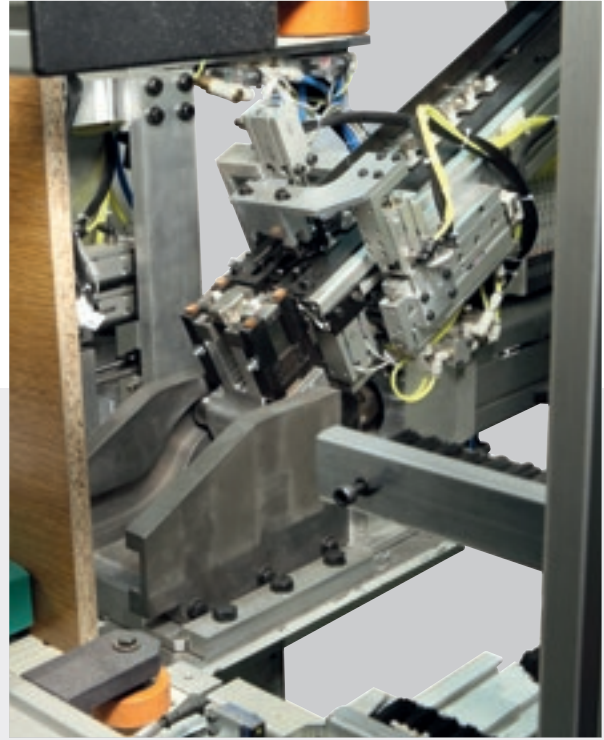
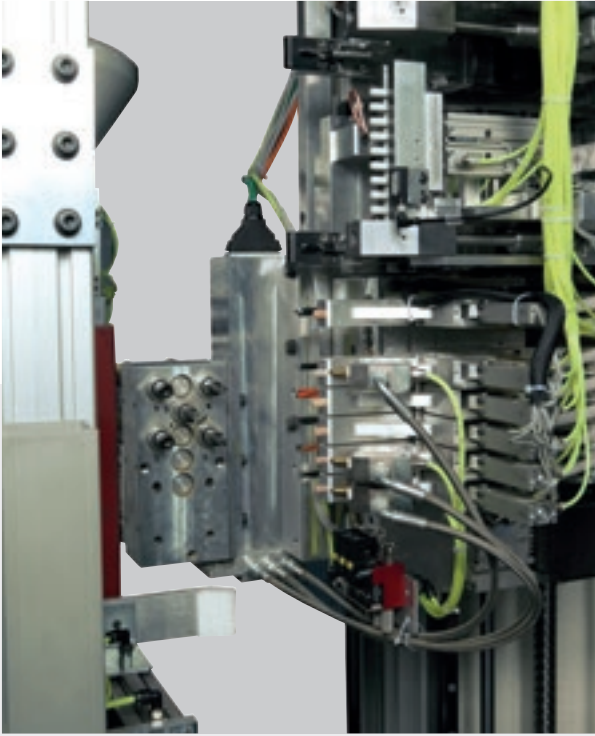
## Boring heads with electro-spindles

Drill head with brushless motor-driven electro-spindles and an adjustable speed of up to 12,000 rpm. Wood machining entry speed: 15 m/min.





**optional units**  
insertion units



Complete panel machining including the insertion of any kind of hardware:  
incl. dowels, hinges, side pieces, doorstops, pins, bushes, screw anchors, shelf brackets, drawer guides, glue pellets.  
Three kinds of insertion infeed can be provided: vibrators, tracks or baskets



# rem series

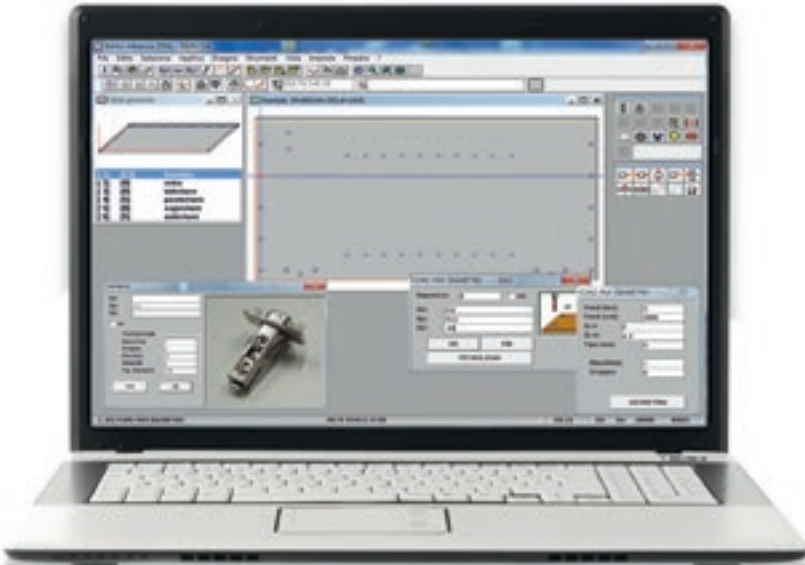
workpiece load and upload devices



Complete automated  
robot panel handling.



integrated cell **software** and management



User-friendly programming and an intuitive interface guaranteeing optimal STAND-ALONE machine and integrated cell management.



Maximum machine productivity thanks to a powerful machining operation optimiser designed to minimize the number of interruptions and order the work cycle into an optimal sequence.



Easy-to adapt to any company management system, guaranteeing maximum integration with administration, production and magazine environments.

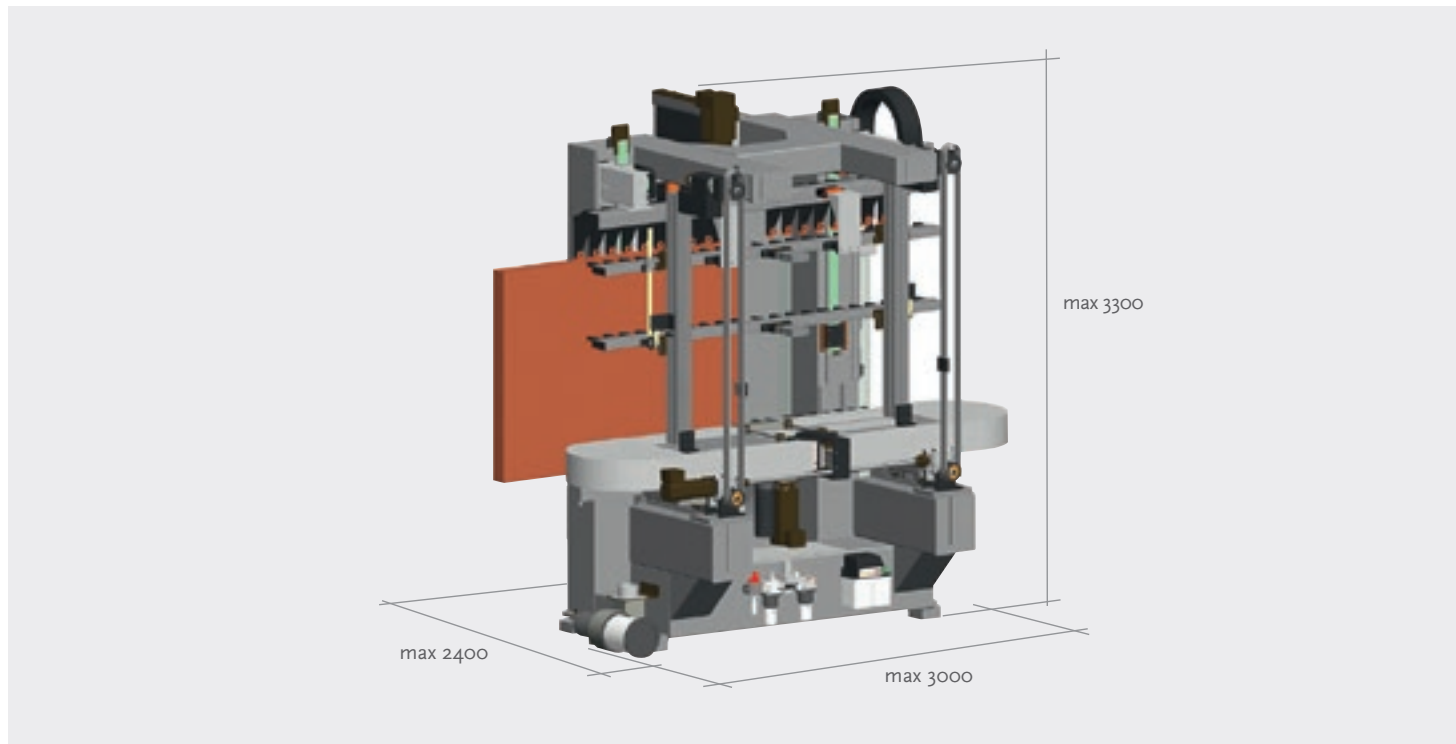
# rem series

technical specifications

## SERIE REM

## Technical Data

		REM 200 - REM 400
Min - Max machining panel length	mm	200 - unlimited
Min - Max machining panel width	mm	20 - 1700
Min - Max machining panel thickness	mm	5 - 100
Max workpiece conveyor drive speed	mt/min	96
Horizontal lateral support speed	mt/min	18
Vertical up/down movements speed groups	mt/min	40
Vertical up/down movements speed groups	mt/min	82
Lateral movement speed of the independent groups (pieces working depth)	mt/min	36
REVOLVER tool change unit rotation speed	mt/min	70
Electro-spindle power (opt)	kW	11
Boring heads spindles rotation speed	rpm	6000
Electro-spindle rotation speed on drill heads	rpm	adjustable up to 12000





The technical data may change based on the chosen composition. For illustration purposes certain photos show the machines complete with accessories. The technical data may be subject to changes without notice, the changes do not influence the safety required by the EC standards.



# THE STRONGEST WOOD 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

**17.000** machines manufactured per year

**90%** export

**20** foreign branches

**350** 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

## SCM GROUP, A HIGHLY SKILLED TEAM EXPERT IN INDUSTRIAL

### INDUSTRIAL MACHINERY

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



WOODWORKING TECHNOLOGIES



TECHNOLOGIES FOR PROCESSING  
COMPOSITE MATERIALS, ALUMINIUM,  
PLASTIC, GLASS, STONE, METAL

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

# TECHNOLOGIES



equipment and components for machining the widest range of materials.

## MACHINES AND COMPONENTS

### 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

**Les**

ELECTRIC PANELS

**steelmec**

METALWORK

**scmfonderie**

CAST IRON



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