

REM Series

CNC Working centres and integrated cells
for inserting hardware

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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:**

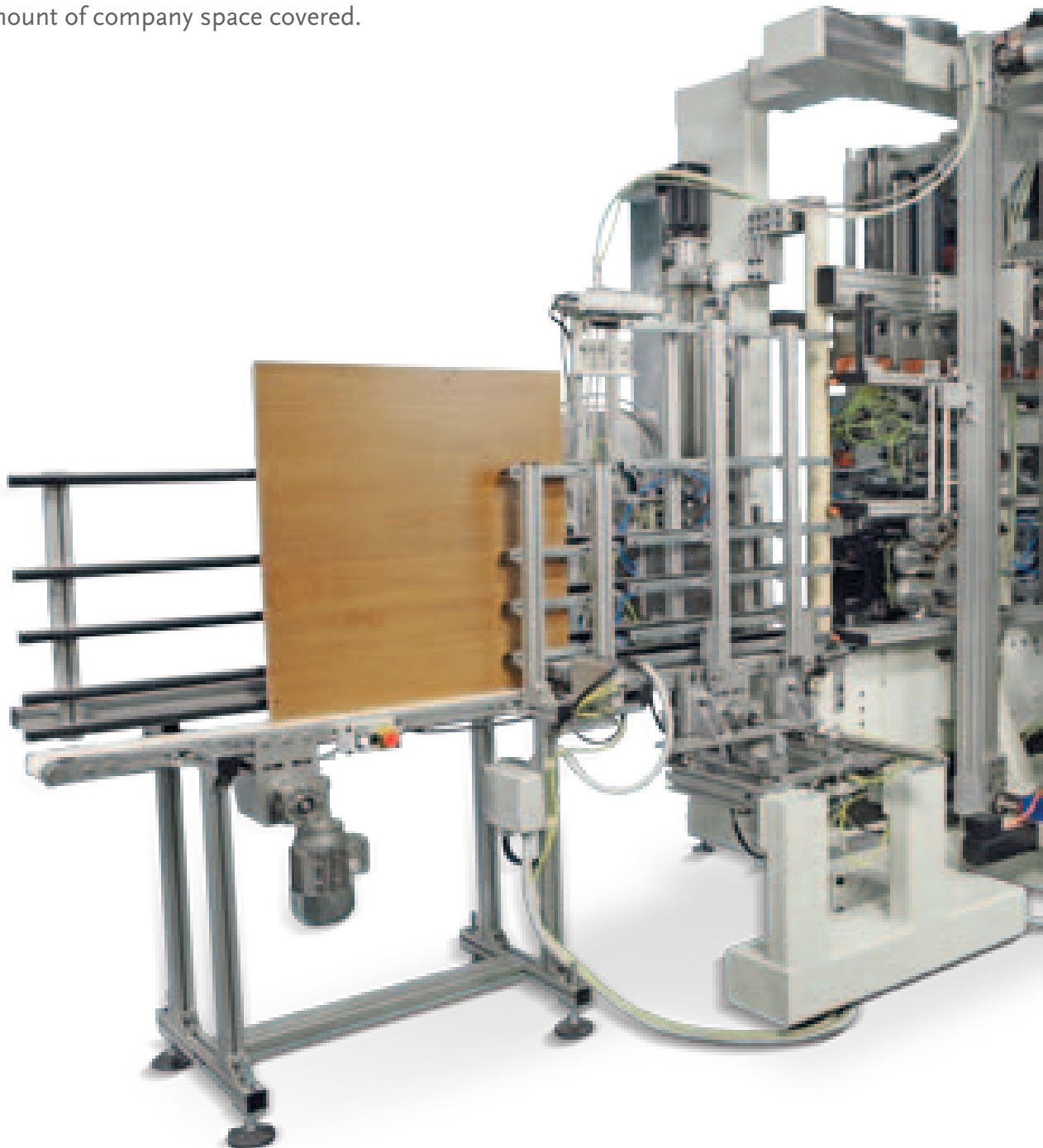
Dedicated at any type of working, drilling, cutting and inserting any kind of hardware

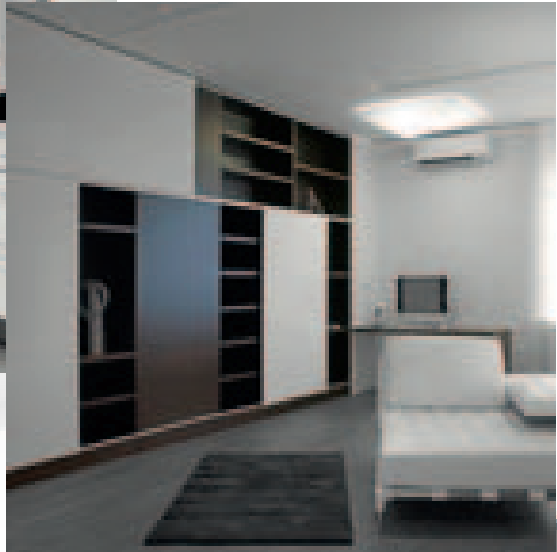
- **HIGH FINISHING QUALITY:**

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

- **LOW MANAGEMENT COSTS:**

Minimum amount of company space covered.

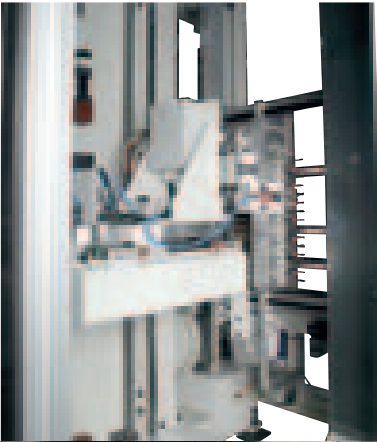




- cutting saw.
- edge banding.
- cnc centre.**
- sanding.
- packaging.

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Hi-tech **benefits**



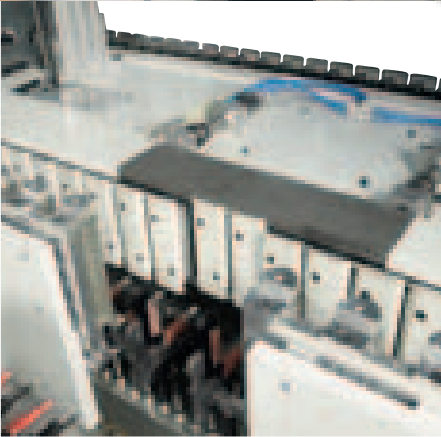
HIGH RIGIDITY OF THE STEEL RIBBED STRUCTURE.

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 96 m/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.



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Machine models

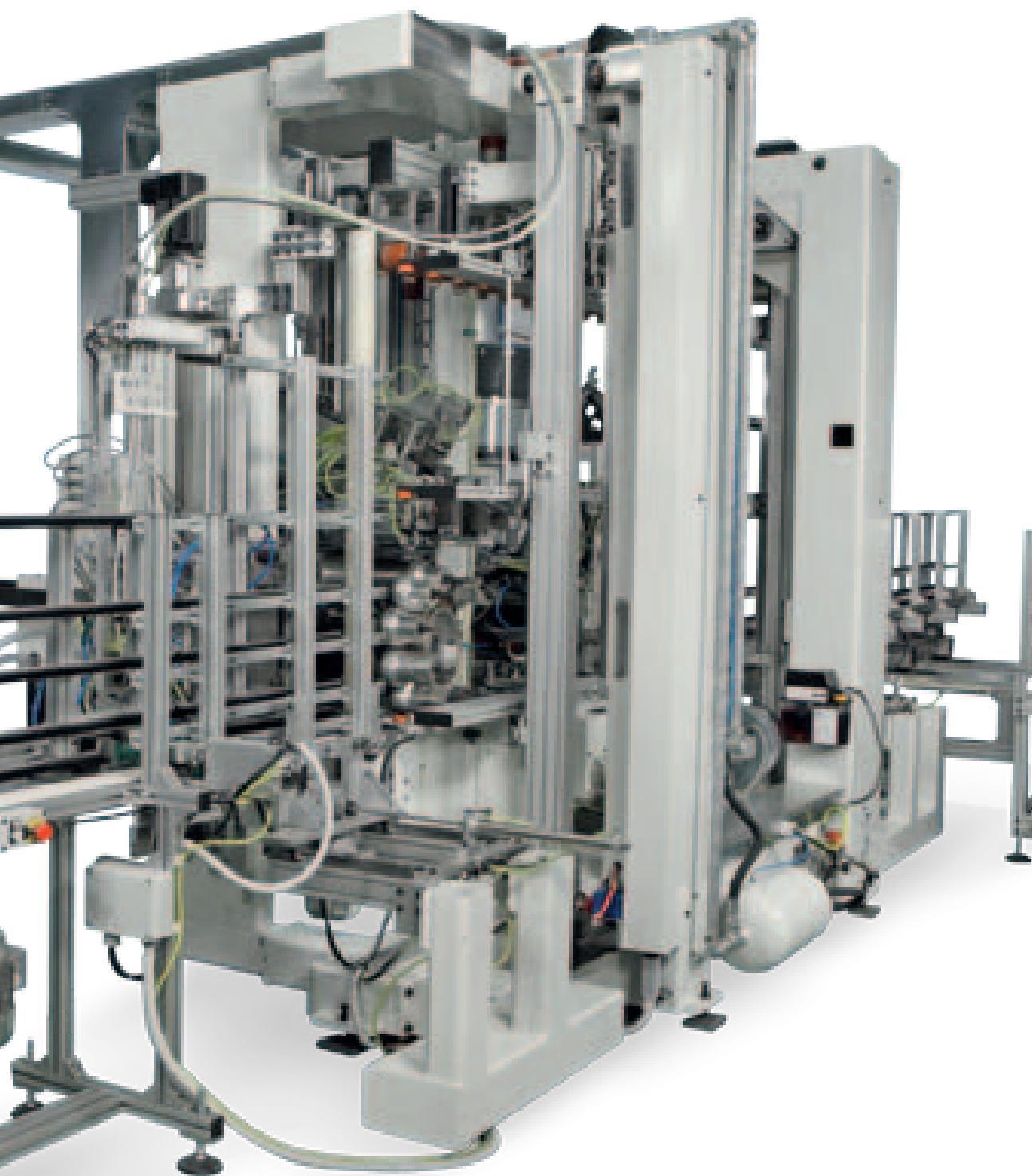
REM 200

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

REM 400

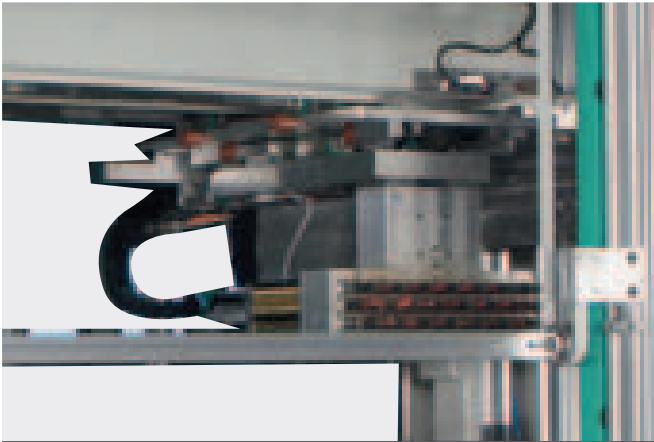
A model that can house 4 separate units positioned, one high and one low, on the infeed side of the machine and the other two at machine outfeed.





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Optional units
Operator units

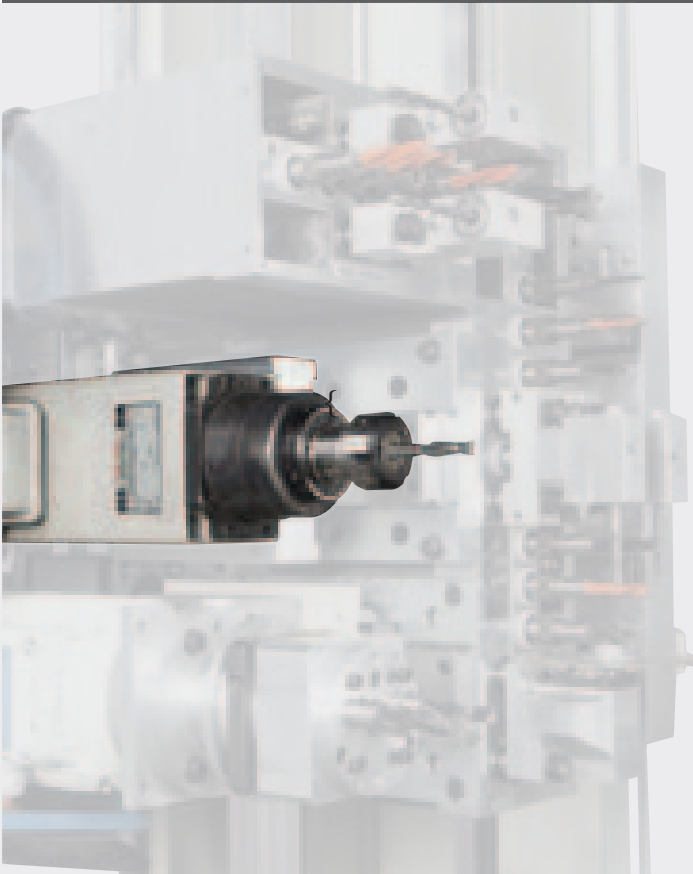


Boring heads

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

Revolver tools changer

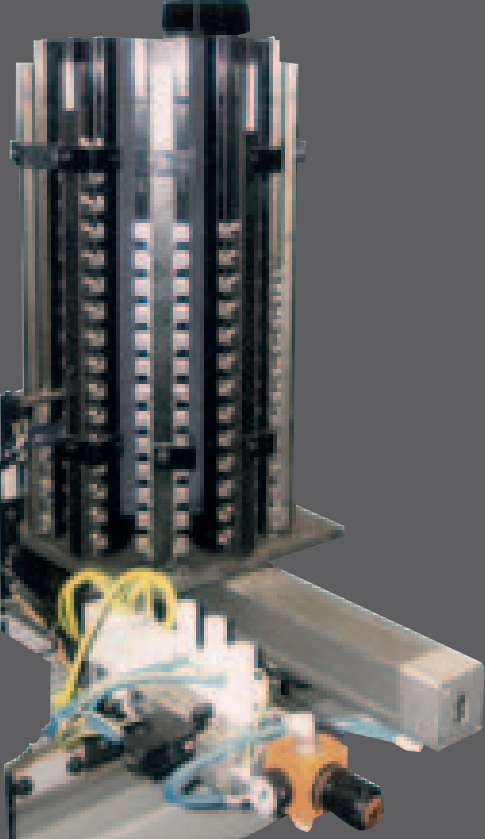
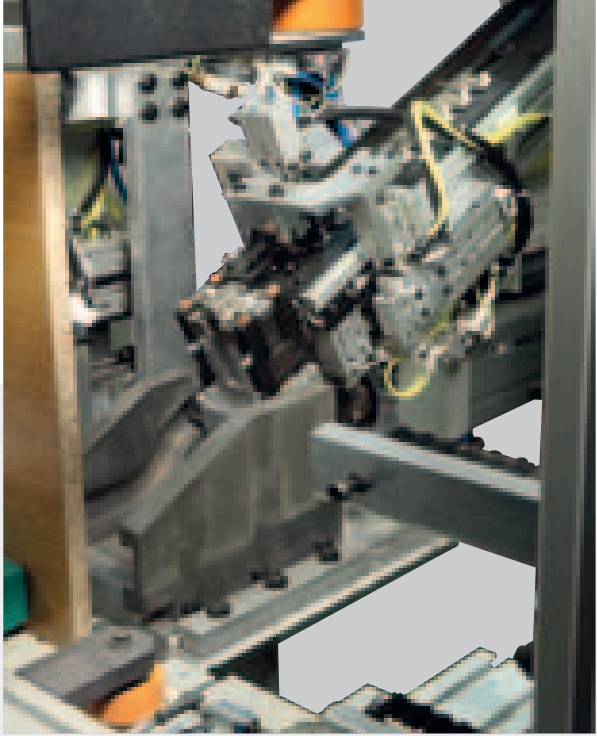
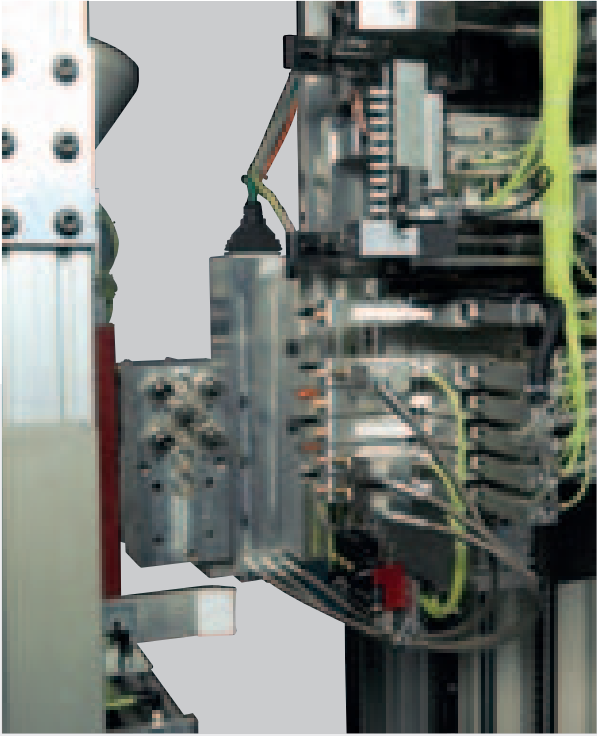
Fast and precise 10-position REVOLVER tool
change with a 11kw electro-spindle:
Tool change in 1.5" (wood- wood)



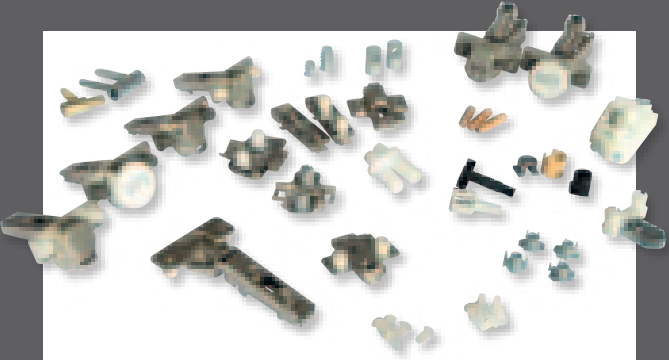
Electrospindle

Electrospindle operating unit with power
up to 6 kW

Optional units
Insertion units

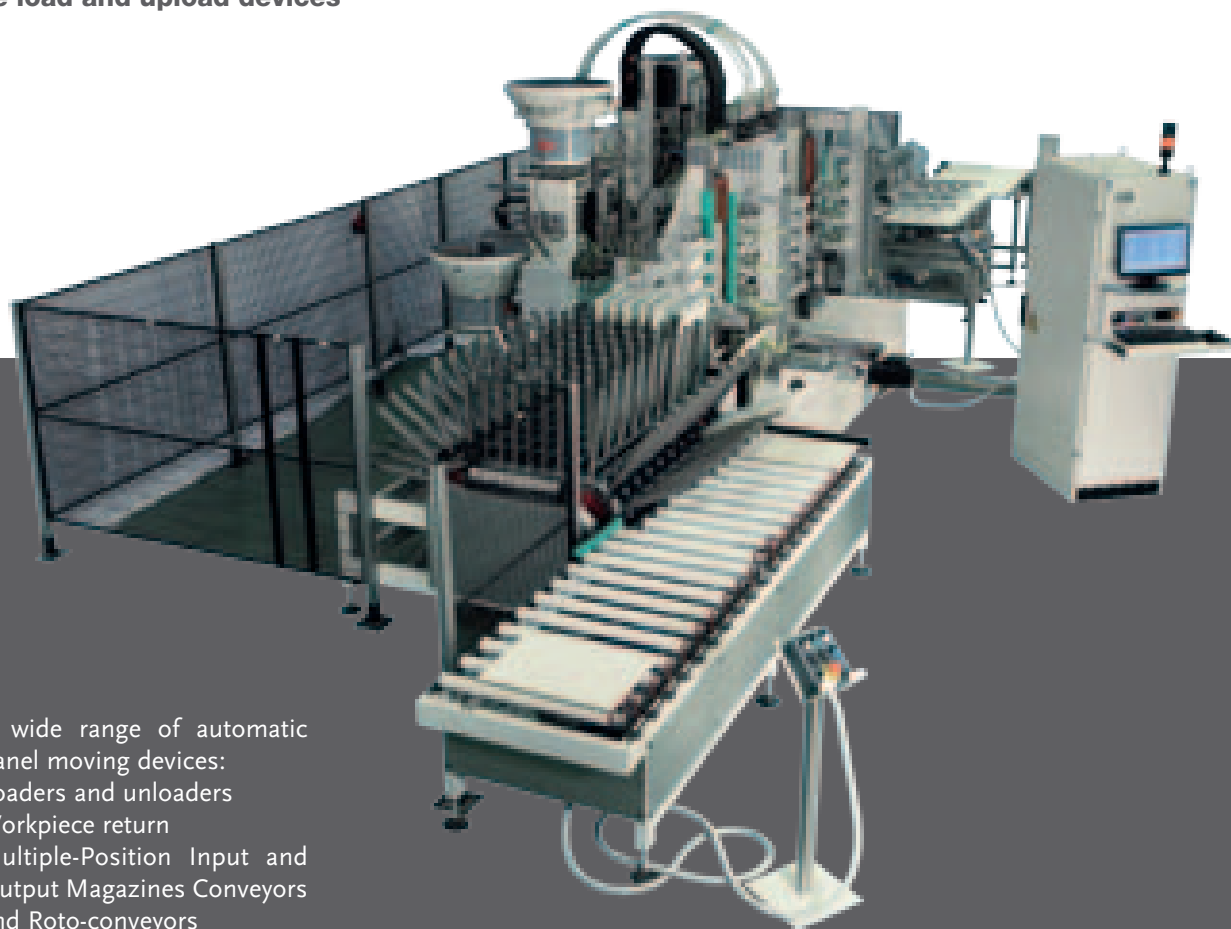


Complete panel machining including the insertion of any kind of hardware: incl. dowels, hinges, side pieces, doorstops, pins, bushes, screw anchors, shelf brackets, drawer guides, glue pellets.
Three kinds of insertion infeed can be provided: vibrators, tracks or baskets.



REM Series

Workpiece load and upload devices



A wide range of automatic panel moving devices:
Loaders and unloaders
Workpiece return
Multiple-Position Input and Output Magazines
Conveyors and Roto-conveyors

Design and realization of cells and integrated lines for high flexibility and productivity in order to match any customer's needs.





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.

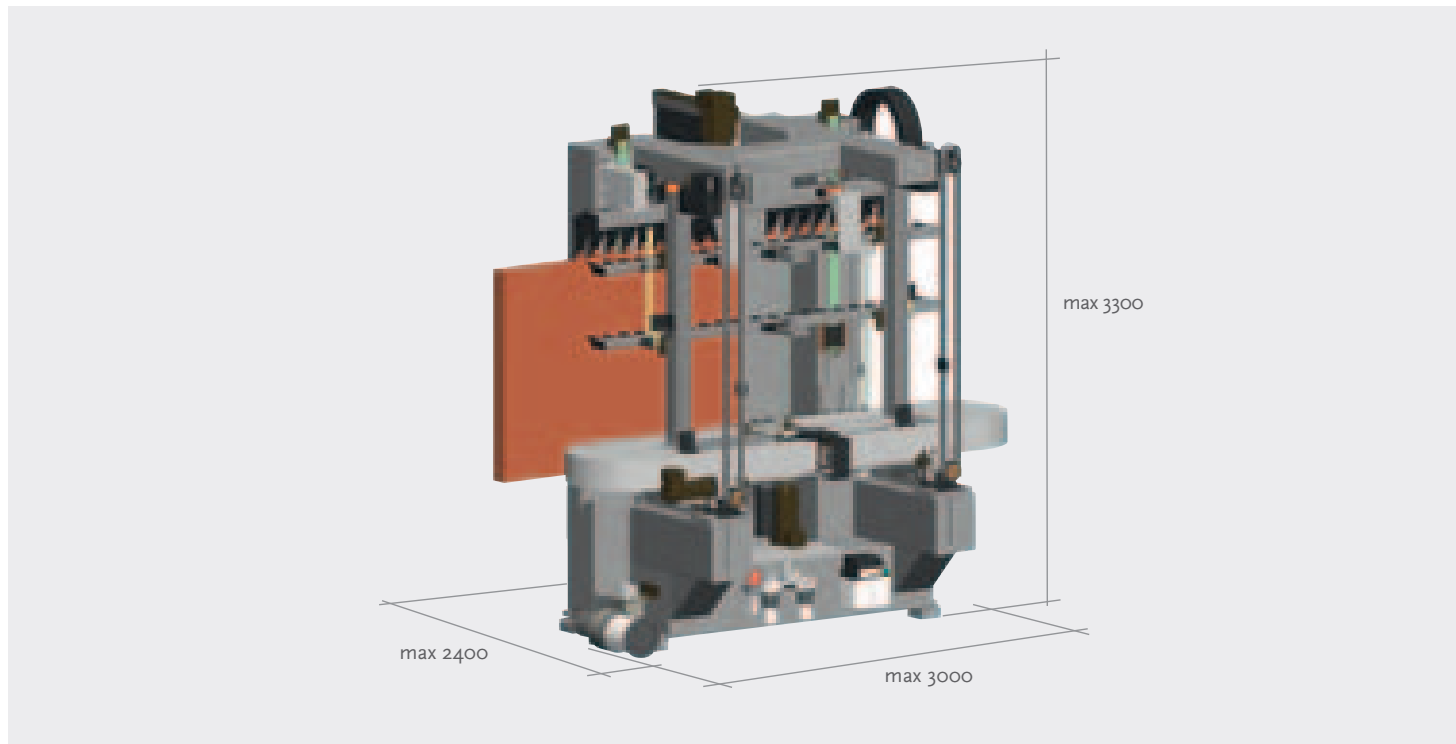
REM Series

Technical Specifications

SERIE REM

Technical Data

		REM 200 - REM 400
Min - Max machining panel length	mm	300 - unlimited
Min - Max machining panel width	mm	50 - 1700
Min - Max machining panel thickness	mm	8 - 80
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	6
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.

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 **routech**

 **celaschi**

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1
large industrial
group
/

18
production
sites
/

30
specialist
brands
/

21
foreign branches
/

more than **50**
years
in business
/

70%
exports
/

350
agents
and dealers
/

365
registered patents
/

500
support technicians
/

3.000
square metre
showroom
/

10.000
classic and
professional machines
made per year
/

240.000
square metres
of production
space
/



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