

# morbidelli p200

machining centre for drilling, routing and edgebanding



THE AFFORDABLE ALL-IN-ONE TECHNOLOGY

**UNDERSTAND THE NEEDS TO BE...**

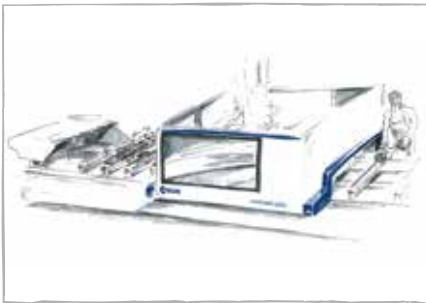


**... ALL RESPONSIVE**



**EVERYTHING YOU  
HAVE ALWAYS  
DREAMED OF A  
CNC MACHINING  
CENTRE BUT WERE  
TOO AFRAID  
TO ASK**

## FREEDOM



**Optimizing the space** in your factory due to the PRO-SPACE solution.

**Accessible and ergonomic 360° all around,** no floor obstructions: all the components are within the base.

**Total safety and freedom** to load large panels (as wide as 2200 mm) due to the work table being entirely accessible.

## TOP QUALITY



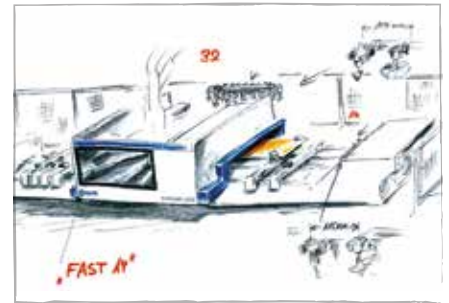
**The most performing and compact edgebanding unit** that allows the edge application on panels up to 80 mm thick.

**Unrivalled finishing** with new direct drive **JQX (Just Quality eXtreme)** 5-axis electrospindle.

**Reduced maintenance,** owing to the **RO.AX (Rotoaxial spindle technology)** drilling bits. It is recommended only after more than 1000 hours of work.

**60% of time saved** on drilling cycles with the new drill-bits designed to guarantee the best effectiveness on all types of material and building styles.

## FASTER



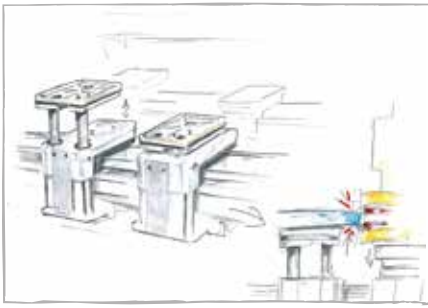
**Beyond imagination,** up to 60 tools always available on board.

**Less than 15" for the tool change** with the 14 position **FAST** tool changer.

# ALL

**morbidelli p200**  
machining centre for drilling, routing and edgebanding

## FLEXIBLE

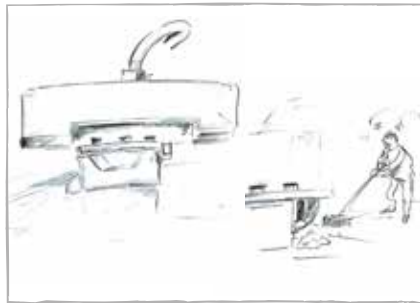


From wood to plastic, from panel to furniture, from kitchen doors to windows. **The right solution configured for all your needs** and your investment plan.

**Zero idle times** for set-up operations and no compromise for the machine performance with the versatility and free configurability of the **TV FLEXDRIVE** and **TV FLEXMATIC** work tables.

**With HE-POD the work table becomes 3D:** a single positioning and no displacement.

## CLEAN



**No problem with dust or shavings** as a result of the intelligent solution of the dust collection box located in an ergonomic position.

**Free space on the floor** with the vacuum pump integrated in the machine base.

## SOFTWARE



**CAD/CAM programming software** to design all the production processes.

42 **TECHNICAL DATA**  
43 **SERVICE-SPARE PARTS**

# p2000

## TECHNICAL FEATURES OVERVIEW



**11** *All at your fingertips with the **TECPAD 7"** remote control with colour touch-screen.*



**13** *Rapid working cycles with the 14 position **FAST** tool changer.*

**12**

*Free access, having the cable-holder chain enclosed within the machine frame.*

**8**

*Zero idle times for set-up operations and no compromise for the machine performance with the versatility and free configurability of the **TV FLEXDRIVE** and **TV FLEXMATIC** work tables.*

**9**

*Integrated electrical cabinet with air conditioner.*

**10**

*Intuitiveness and easiness with the APPS included in the Maestro software for doors, stairs, furniture and furnishing elements production.*





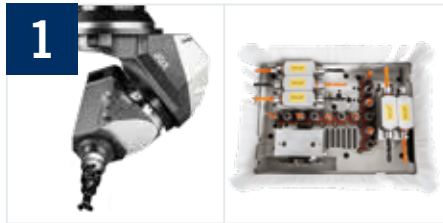
# morbidelli p200

machining centre for drilling, routing and edgebanding



14

**Wide availability of tools** due to the **TRC rear chain tool changer** with 32 positions.



1

**Unrivalled finishing** with new direct drive **JQX (Just Quality eXtreme)** 5-axis electrospindle.

**Reduced maintenance**, thanks to the **RO.AX (Rotoaxial spindle technology)** drilling bits. It is recommended only after more than 1000 hours of work.



2

The most performing and compact **edgebanding** unit that allows the edge application on panels **up to 80 mm thick**.



3

**TRB tool changer** with 14 positions.



4

**Free space on the floor** with the vacuum pump integrated in the machine base.



6

**100% of the working area covered** both in routing and in edgebanding operations.



7

The work table becomes 3D: **HE-POD**.



5

**No problem with dust or shavings** as a result of the intelligent solution of the dust collection box located in an ergonomic position.

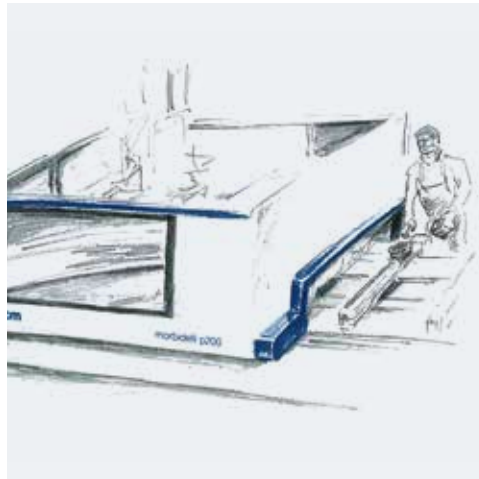
EVERYTHING YOU HAVE ALWAYS DREAMED OF A CNC MACHINING CENTRE BUT WERE TOO AFRAID TO ASK

# FREEDOM OF MOVEMENT





# ALL FREEDOM

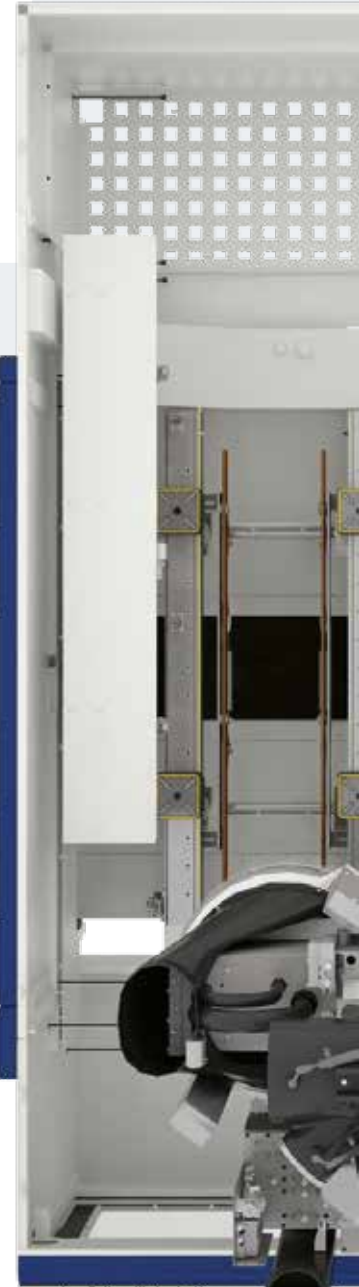


**Optimizing the space** in your factory due to the PRO-SPACE solution.

**Accessible and ergonomic 360° all around**, no floor obstructions: all the components are within the base.

**Total safety and freedom** to load large panels (as wide as 2200 mm) due to the work table being entirely accessible.

# MINIMUM OVERALL DIMENSIONS MAXIMUM SAFETY AND FLEXIBILITY

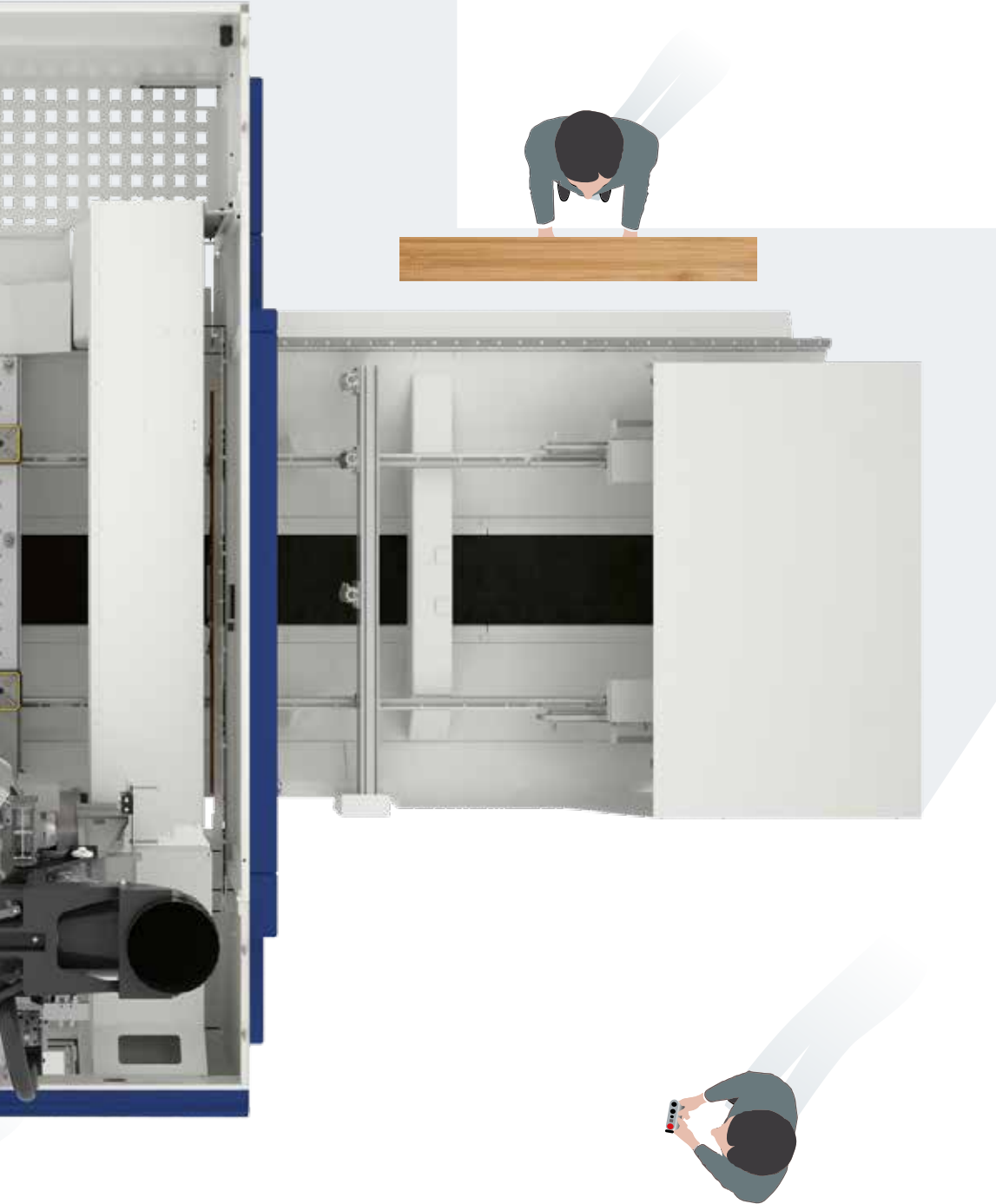


## “PRO-SPACE” PROTECTIONS

Loading zone completely free in order to reduce to a minimum the space occupied. The absence of perimeter protections facilitates the work table access on all the sides of the machine.

# morbidelli p200

machining centre for drilling, routing and edgebanding



FREEDOM

# SAFETY SYSTEMS

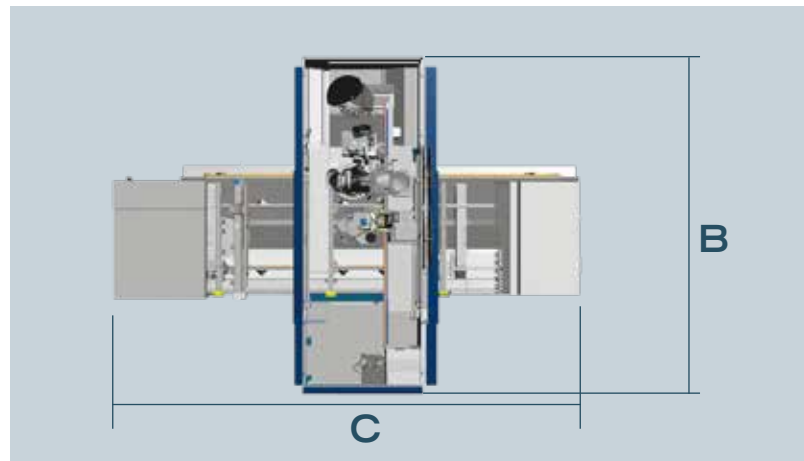
## GUARANTEED SAFETY: BUMPERS PROTECTIONS

Fully safe machining with the bumpers safety system which lock the machine in case of accidental contact with the operator.



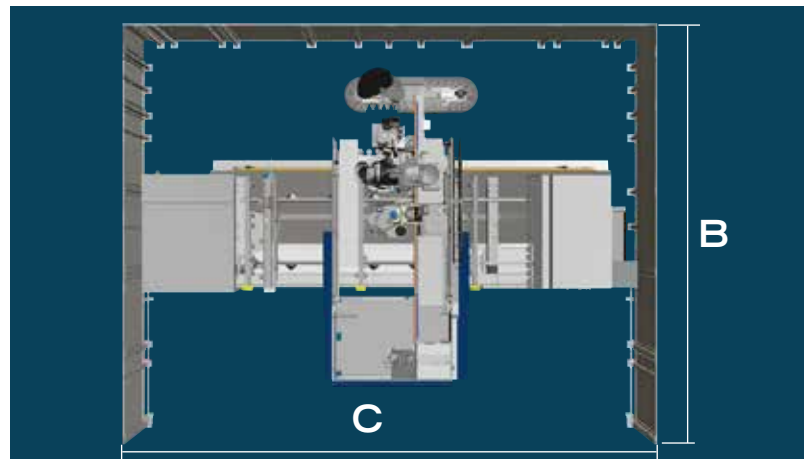
## MINIMUM OVERALL DIMENSIONS MAXIMUM SAFETY AND FLEXIBILITY: PRO-SPACE PROTECTIONS

Loading zone completely free in order to reduce to a minimum the space occupied. The protections allow the machine to be used with a feed speed up to 25 m/min in X direction. The absence of perimeter protections facilitates the work table access on all the sides of the machine.



## TOTAL FREEDOM AND HIGH PRODUCTIVITY: PRO-SPEED PROTECTIONS

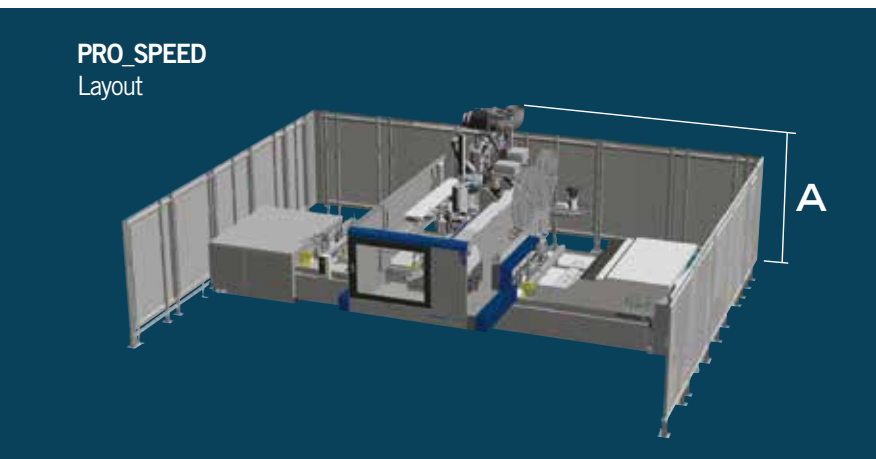
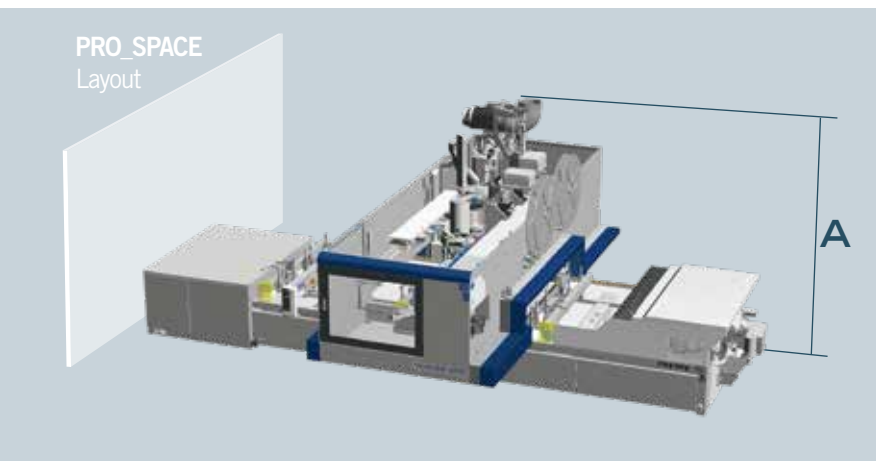
Protection system for the machine use to the maximum speed of 60 m/min. When the operator enters into the loading area, which is delimited by the front photocell barrier, the machine automatically reduces the speed; when the operator leaves the loading area, the system restores the maximum speed.



## OVERALL DIMENSIONS

		A	B		C	
			PRO-SPACE	PRO-SPEED	PRO-SPACE	PRO-SPEED
<b>MORBIDELLI P200 WORK TABLE</b>						
Working area 3110 x 1600	mm	2780	4600 (5600*)	5740	6780 (7130*)	7300
Working area 3710 x 1600	mm	2780	4600 (5600*)	5740	7380 (7730*)	7900
Working area 5510 x 1600	mm	2780	4600 (5600*)	5740	9180 (9530*)	9700

\* It includes the operating area





EVERYTHING YOU HAVE ALWAYS DREAMED OF A CNC MACHINING CENTRE BUT WERE TOO AFRAID TO ASK

# FIRST-RATE EDGEBANDING

# ALL TOP QUALITY



**The most performing and compact edgebanding unit** that allows the edge application for panels up to 80 mm thick.

**Unrivalled finishing** with new direct drive **JQX** (Just **Q**uality **eX**treme) 5-axis electrospindle.

**Reduced maintenance**, owing to the **RO.AX** (Rotoaxial spindle technology) drilling bits. It is recommended only after more than 1000 hours of work.

**60% of time saved** on drilling cycles with the new drill-bits designed to guarantee the best effectiveness on all types of material and building styles.



TOP QUALITY



## COMPACT AND RELIABLE: EDGEBANDING UNIT

The most performing and compact edgebanding unit that allows the edge application up to 84 mm high for panels up to 80 mm thick.



The automatic adjustment of the edging vertical limiters allows maximum machining flexibility, working in rapid succession on panels with different thicknesses; it is particularly effective for batch 1 production.



The new **SBRINDLE** device can precisely detect the position of the tapes' edge "on-the-fly" and without slowing down, allowing 0/360° junctions on constant geometry stretches with minimum length of 80 mm.



The edging magazine can always make available the best suited to the machining set. Selection, feeding and supply speed are managed by the numeric control.

## GLUING UNIT

The quick change glue tank has a unique design with a spreading roller featuring a built-in heating element to guarantee uniform gluing and lasting adhesive chemical properties for the best possible product performance. Fast change-over allow preventive maintenance or a change of glue (colour or type), slashing down times.



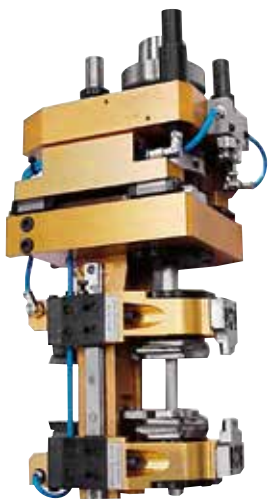
*Glue is loaded in masked times into the granule feed system.*

TOP QUALITY



# EDGEBANDING

## FINISHING HEADS AND AGGREGATES



*Multifunction trimmer + edge scraper unit*



*Blade unit for edging end trimming*



*Head for post-formed panels*



*Head for cleaning 90° internal angles*





*Edge trimming.*



*Edge scraping.*



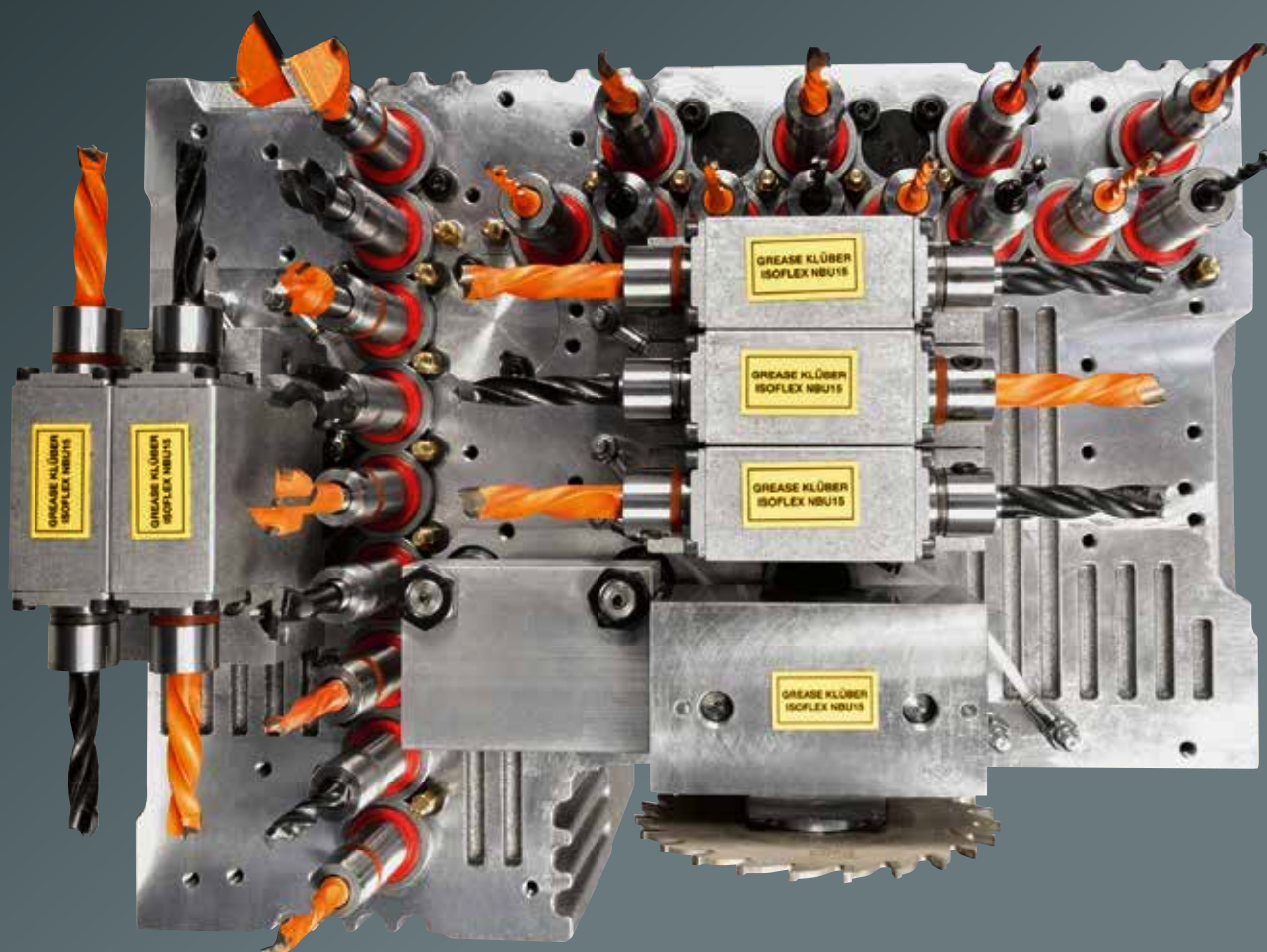
TOP QUALITY

# OPERATING UNIT: **DRILLING UNIT**

The higher drilling capacity in its category up to 21 vertical spindles, 12 horizontal spindles and an independent blade unit.

## **INDESTRUCTIBLE AND WITH LOW MAINTENANCE**

The sturdiness of drilling heads is proven by the reduced maintenance costs: it is recommended only after more than 1000 hours of work.



# morbidelli p200

machining centre for drilling, routing and edgebanding



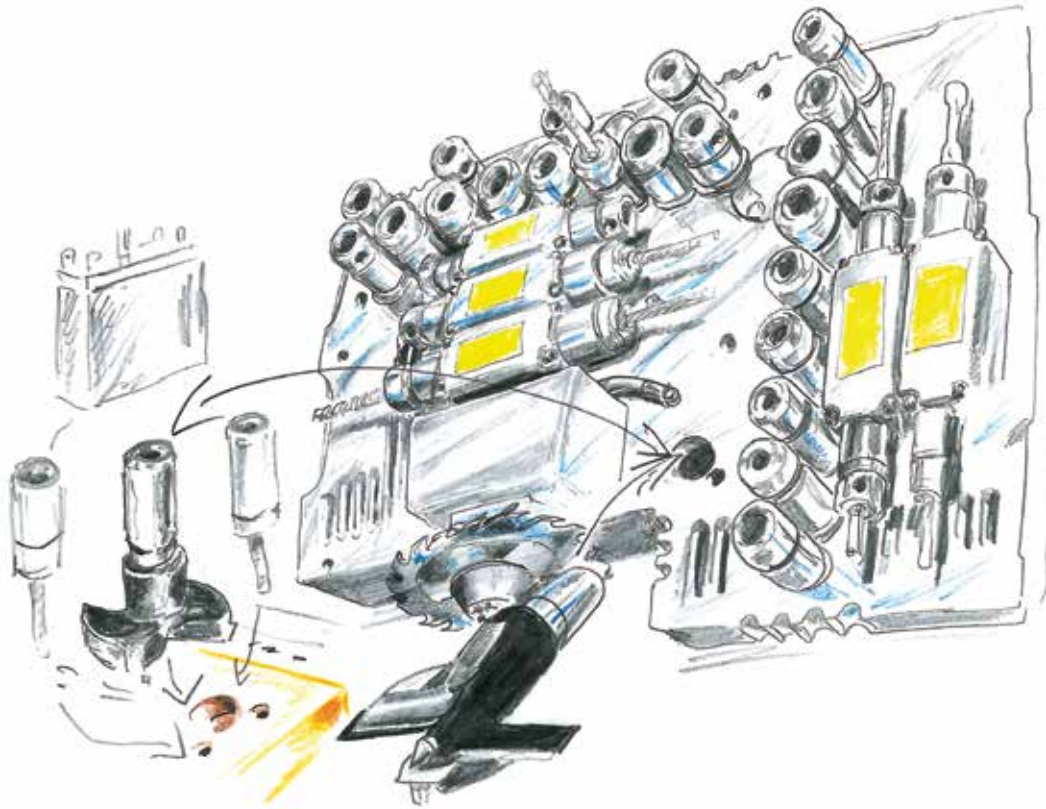
**60% of time saved** on drilling cycles with the new drill-bits designed to guarantee the best effectiveness on all types of material and building styles.





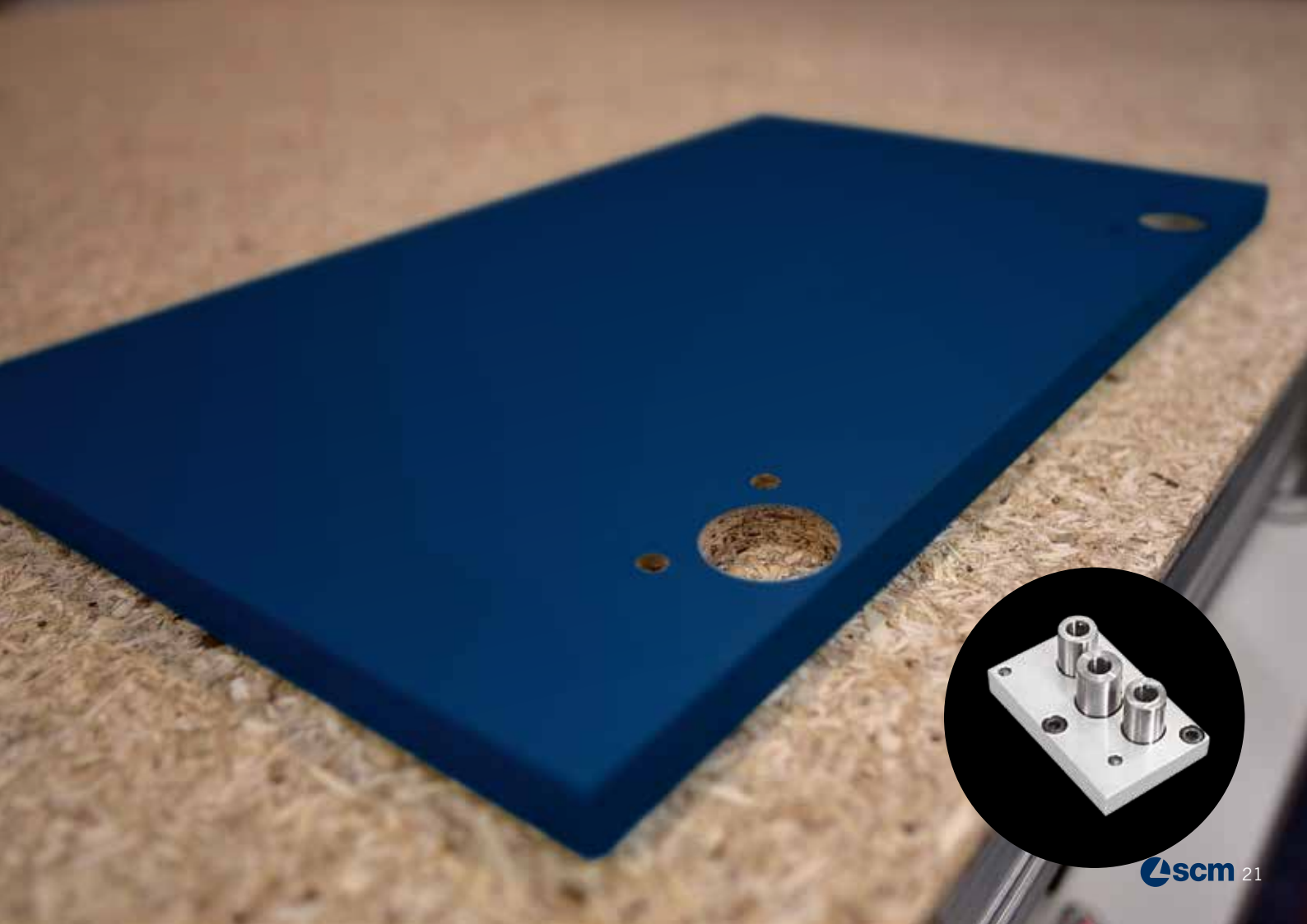
# morbidelli p200

machining centre for drilling, routing and edgebanding



## **HINGE DRILLING: ONE STEP WORTH THREE!**

*Possibility to carry out 3 simultaneous drillings with a single head integrated in the main drilling unit.*





TOP QUALITY

# UNIVERSAL, HIGH SPEED ROTATION

TO PRODUCE OBJECTS  
WITH ANY KIND  
OF SHAPE ON ANY  
KIND OF MATERIAL

## JQX ELECTROSPINDLE

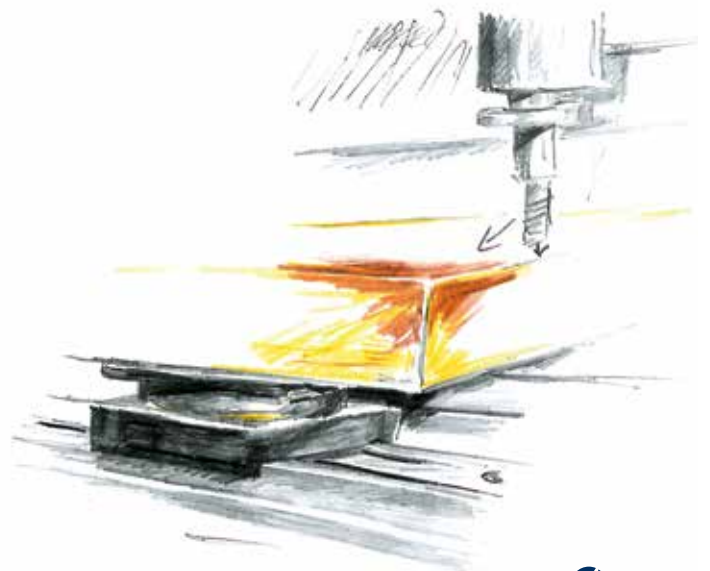
Very high finishing quality with the **JQX** (Just Quality **eXtreme**) 5-axis electrospindle, with direct drive and up to 12 kW power, which ensures total absence of vibrations even with large material removals at high speeds.

The lightweight structure and the excellent price/quality ratio make this electrospindle ideal for those who are looking for a flexible and practical product but with high level performance.



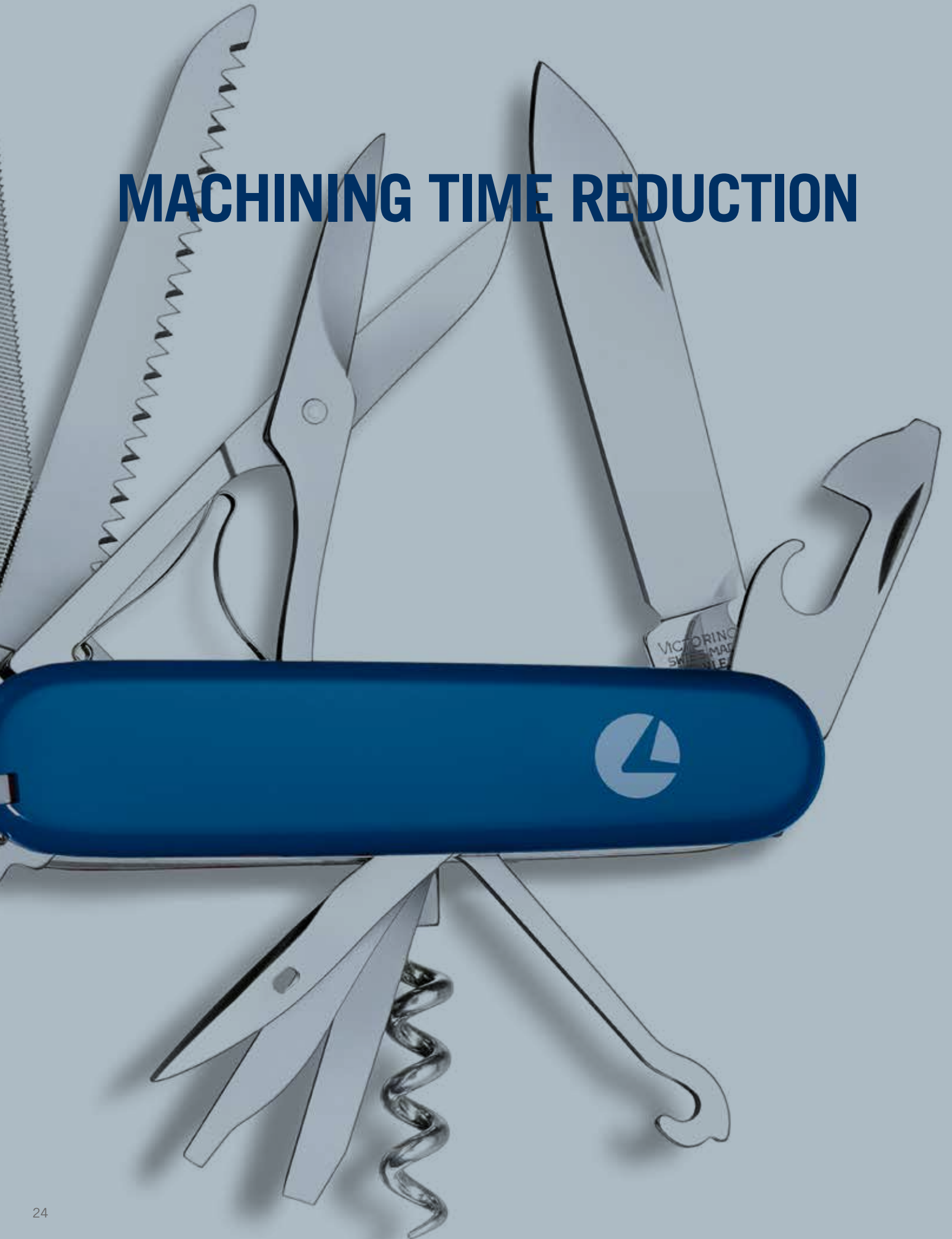
# morbidelli p200

machining centre for drilling, routing and edgebanding

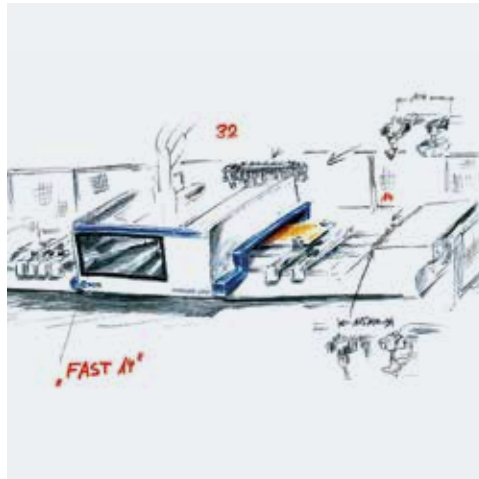


EVERYTHING YOU HAVE ALWAYS DREAMED OF A CNC MACHINING CENTRE BUT WERE TOO AFRAID TO ASK

# MACHINING TIME REDUCTION



# ALL FASTER



**Beyond imagination,** up to 60 tools always available on board.

**Less than 15" for the tool change** with the 14 position **FAST** tool changer.

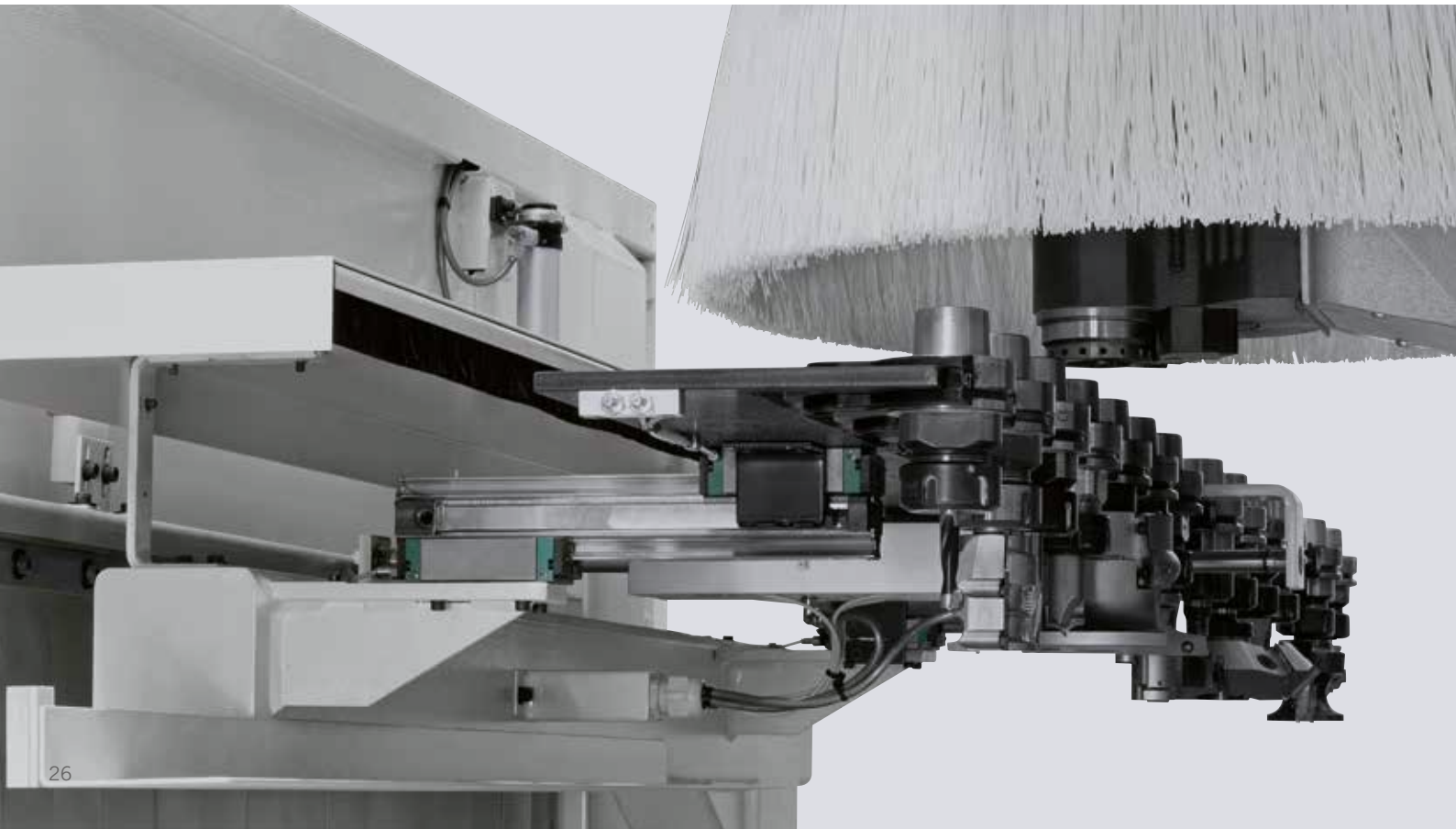


**FASTER**



# **ALL AT YOUR SPINDLE FINGERTIPS!** UP TO 60 TOOLS ALWAYS AVAILABLE ON BOARD

**NO IDLE TIME** for the tool change from a machining process to another one with the 14 position **FAST** tool changer.

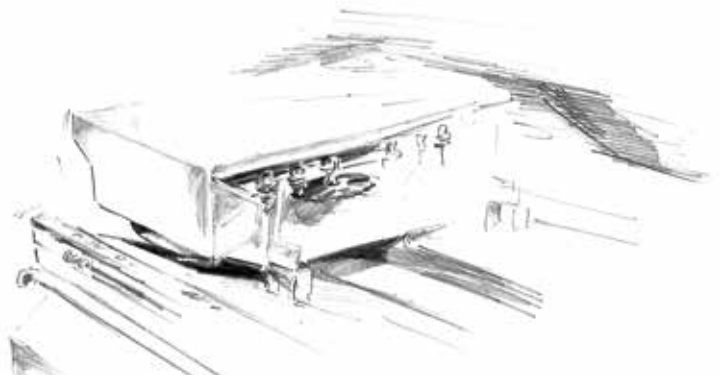


# morbidelli p200

machining centre for drilling, routing and edgbanding



Wide range of tools available to the operator with the rear tool changers up to 32 positions.



TRB side tool changer with 14 positions.

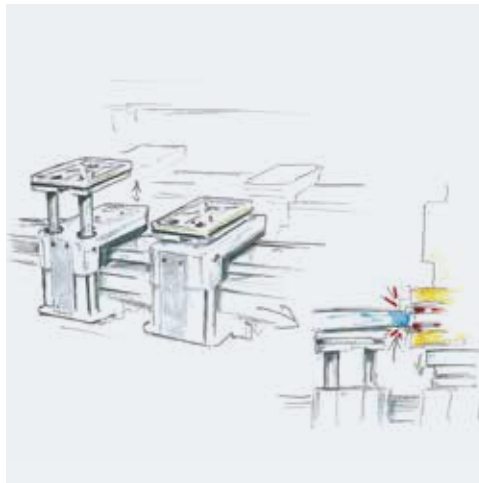




EVERYTHING YOU HAVE ALWAYS DREAMED OF A CNC MACHINING CENTRE BUT WERE TOO AFRAID TO ASK

# INIFINITE WAYS OF BEING

# ALL FLEXIBLE

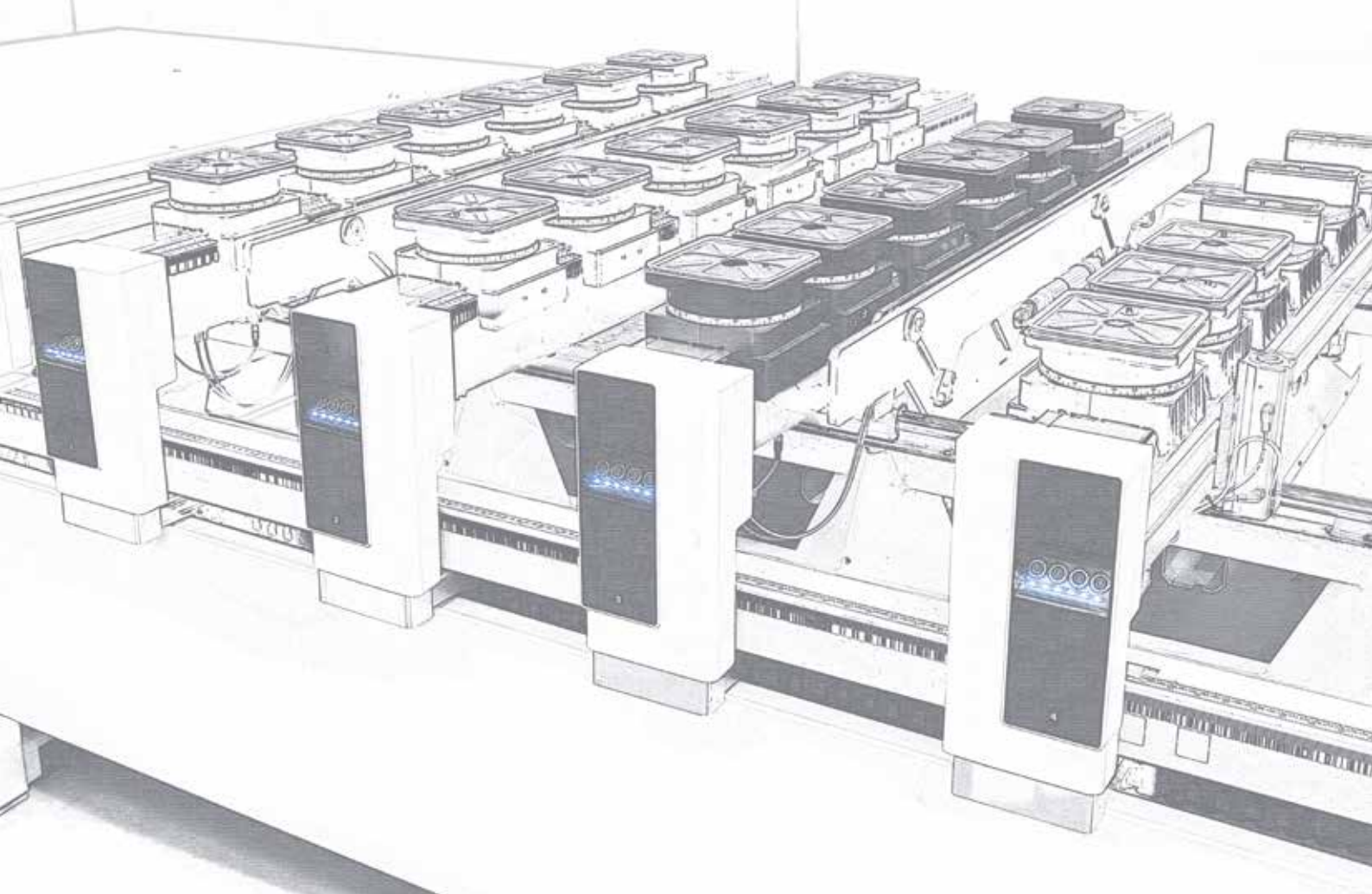


From panel to furniture, from kitchen doors to windows. **The right solution configured for all your needs** and your investment plan.

**Zero idle times** for set-up operations and no compromise for the machine performance with the versatility and free configurability of the **TV FLEXDRIVE** and **TV FLEXMATIC** work tables.

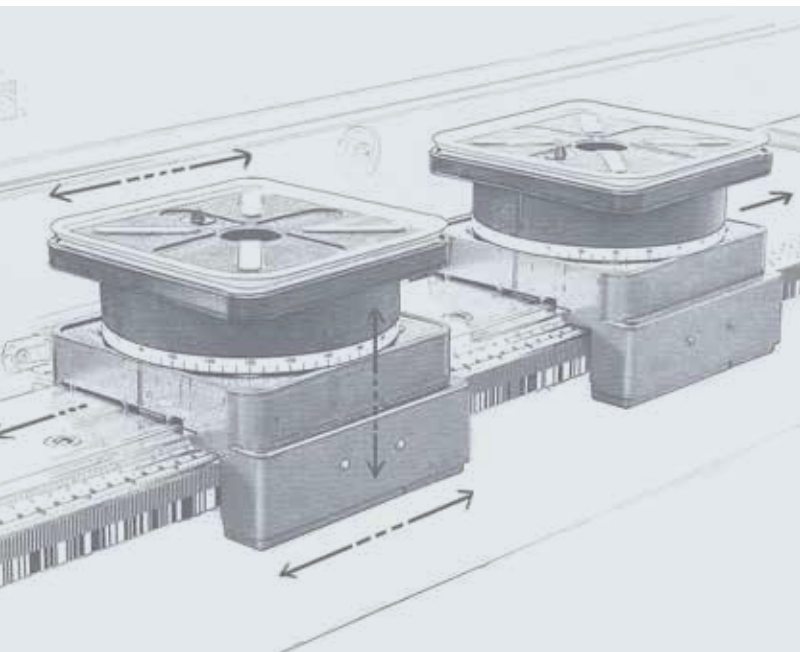
**With HE-POD the work table becomes 3D:** a single positioning and no displacement.





# RELIABLE, FAST AND USER FRIENDLY: **FLEXDRIVE WORKTABLE**

Thanks to an innovative positioning technology, **FLEXDRIVE** allows to manually set up a work table through LED light indicators positioned both on bars and locking systems.

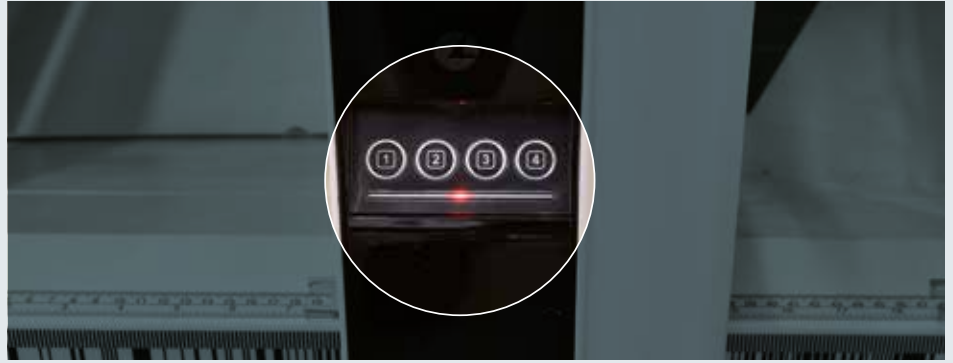


- **Reliable.** No mistakes in the locking systems positioning thanks to the automatic verification: if the set-up is not correct, the program won't start.
- **Fast.** Minimized set-up times thanks to the lights that guide the operator by indicating the exact position of the bars and locking systems (pods and clamping devices).
- **User friendly.** There is no need for an expert operator: LEDs make the machine intuitive and easy to set.

## REMOVE



- Bar with central red LED: one or more locking systems must be removed.
- Locking systems with fixed red LEDs: locking systems to be removed.



## ADD



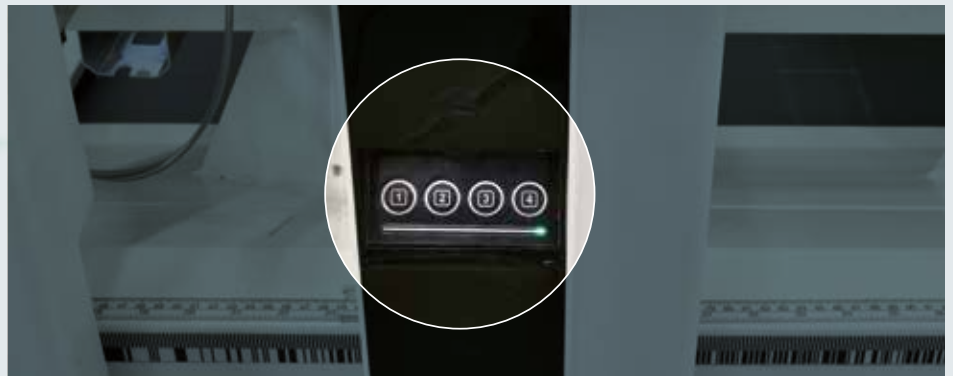
- Bar with central blue LED: one or more locking systems must be added.



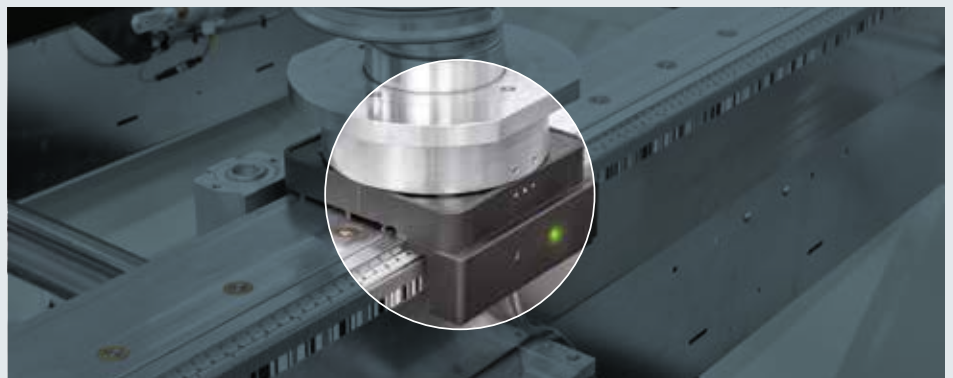
## MOVE



- The fixed green LEDs start flashing more and more as the correct bar position is approached. When the target position is reached, the blue strip on the bar lights up.



- Locking systems work in the same way: when the target position is reached, the double green LED lights up.



## COMPLETED SET-UP



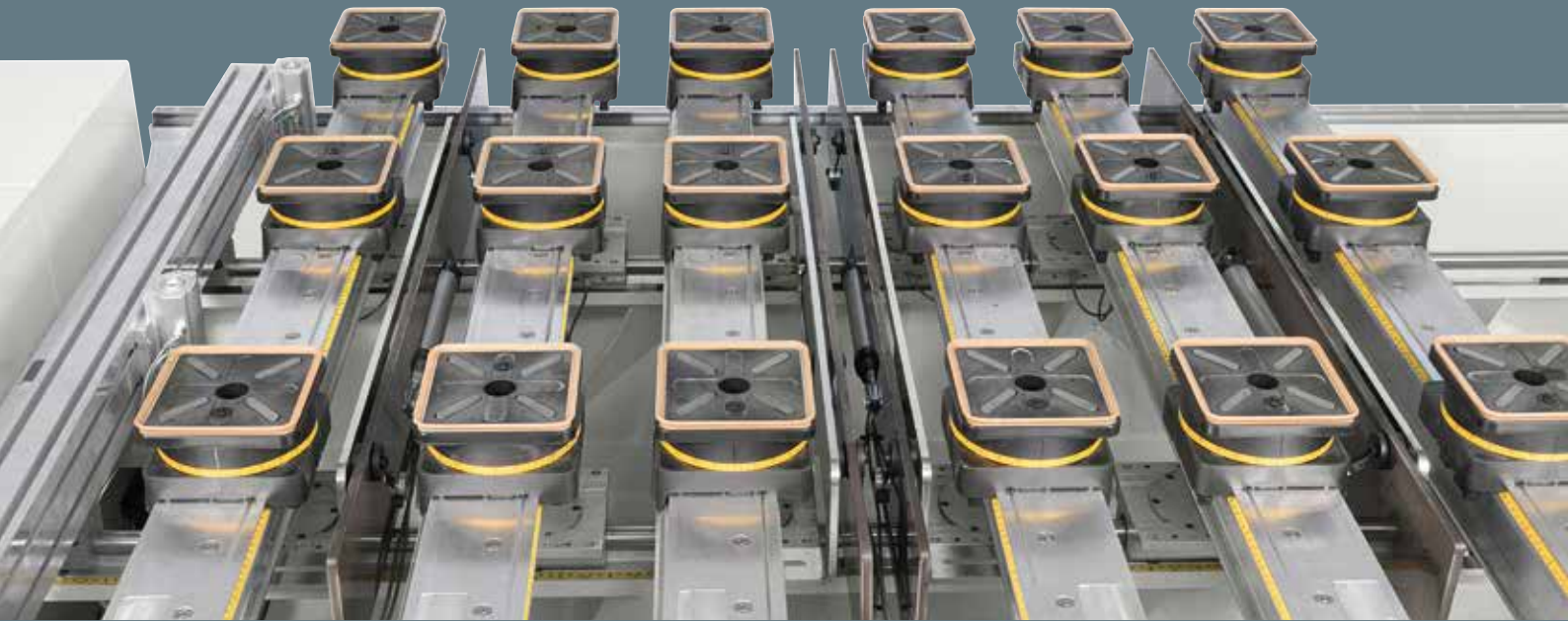
When the set-up is finished, LEDs of both locking systems and bars set to "completed" status:

- Bars: Blue LEDs
- Locking systems: LEDs off





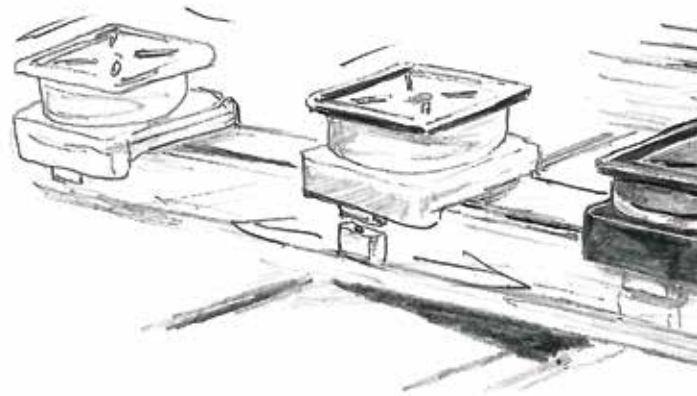
FLEXIBLE



# TOTAL CUSTOMISATION: TV FLEXMATIC RAILS WORK TABLE

Automatic work table that allows the management up to 6 vacuum pods on a single rail, according to the dimensions and shape of the work piece to be machined, in order to always have the best holding without risks of collision.

Available also with manual version **TV FLEX**.

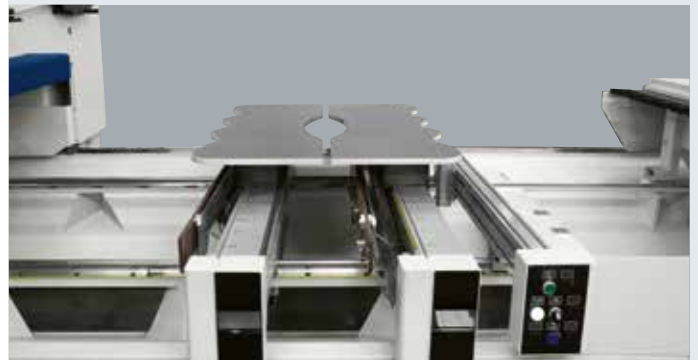
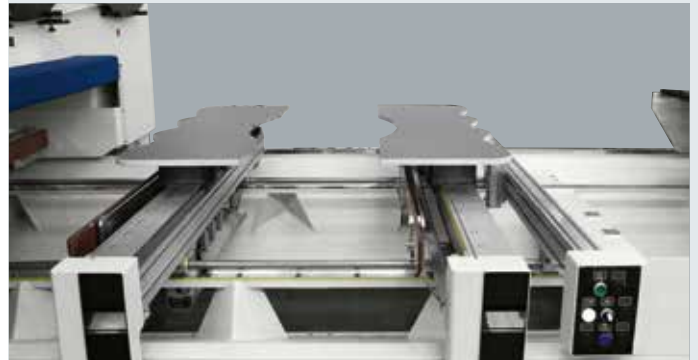
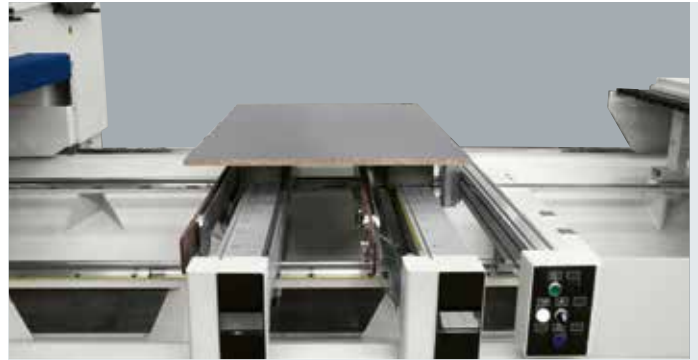
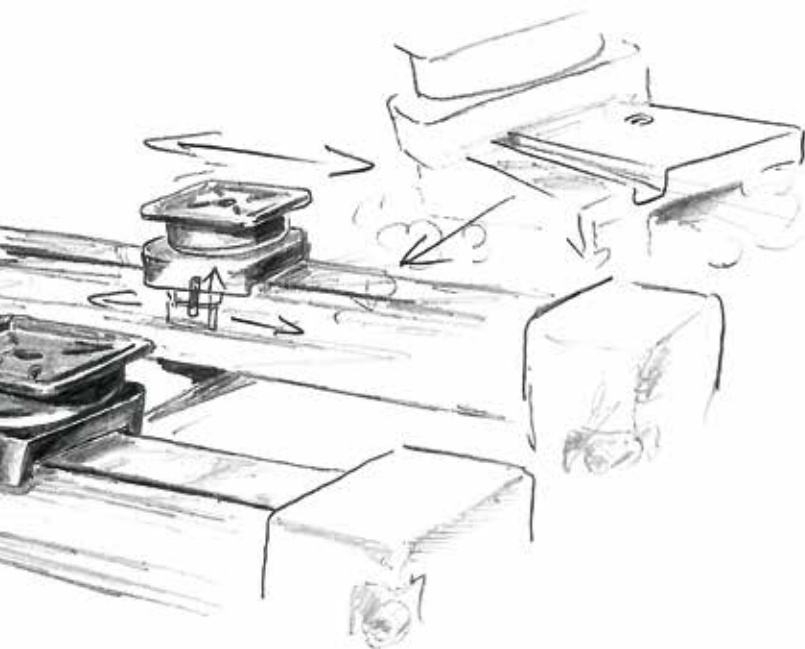






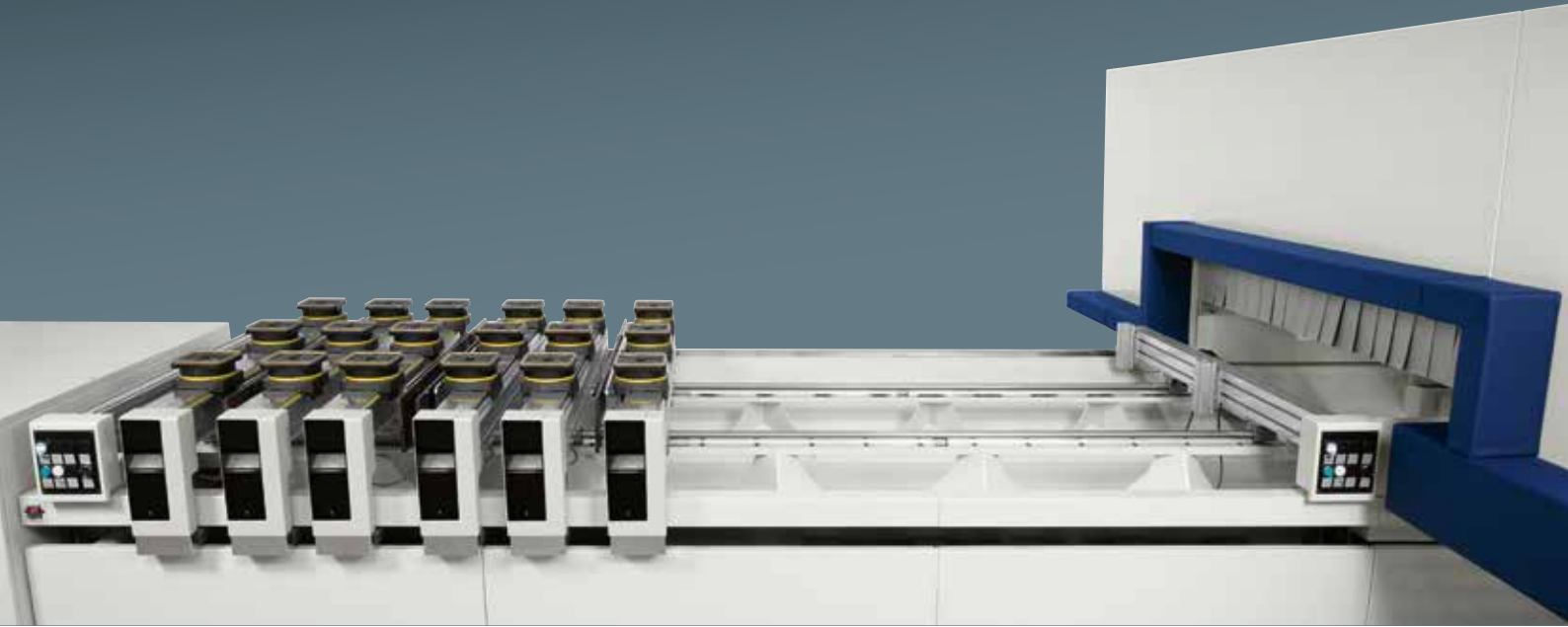
*It is possible to add or remove vacuum pods or clamps with a simple movement of the hand; the number and the position are automatically detected.*

*No problem for the sliding of vacuum pods or clamps due to the blowers positioned along the whole rail that guarantee a constant cleaning.*



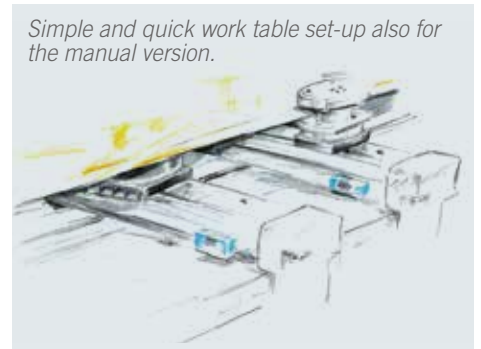
*From a single panel can be obtained more elements and automatically re-position them to carry out all machining without interrupting the production cycle; at the end the work pieces are returned to the initial position to facilitate the unloading from the work table.*

FLEXIBLE



# NO LIMITS ON RAILS POSITIONING: NO OBSTACLE ON THE WORK TABLE

IDEAL FOR LARGE SIZE PANELS

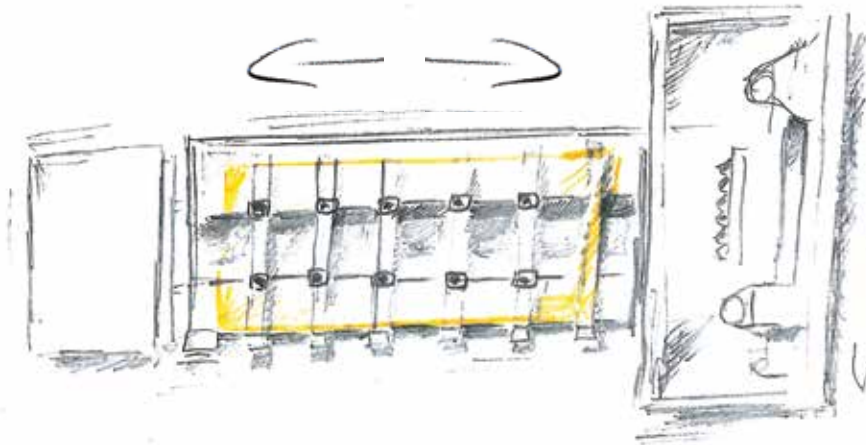
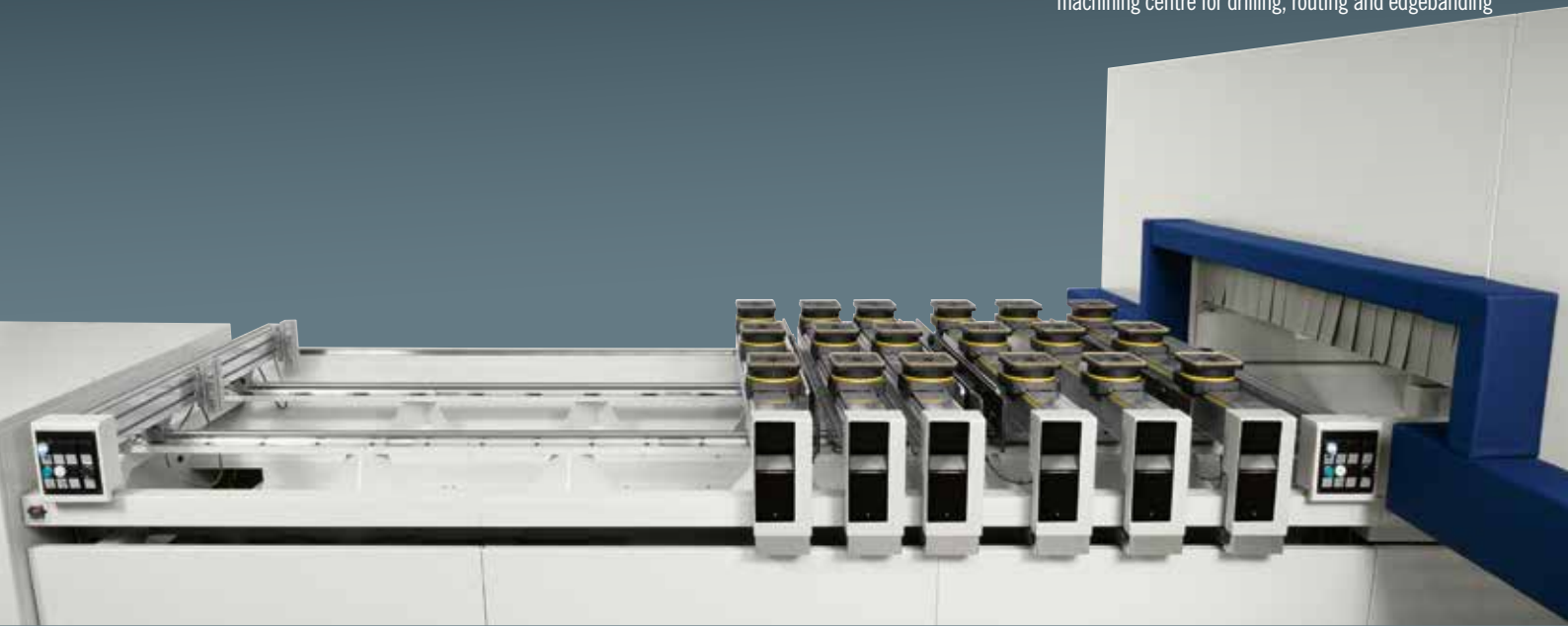


*Simple and quick work table set-up also for the manual version.*



# morbidelli p200

machining centre for drilling, routing and edgebanding



*Comfortable pushbutton to have at your fingertips all the necessary commands for the programs execution.*



*Easy positioning of heavy work pieces and large panels with the lifting support.*



FLEXIBLE

# THE WORK TABLE BECOMES 3D: HE-POD

Cycle time reduced by 30%, owing to HE-PODs which allow to use the whole working area for the work pieces positioning and the tool paths optimisation.



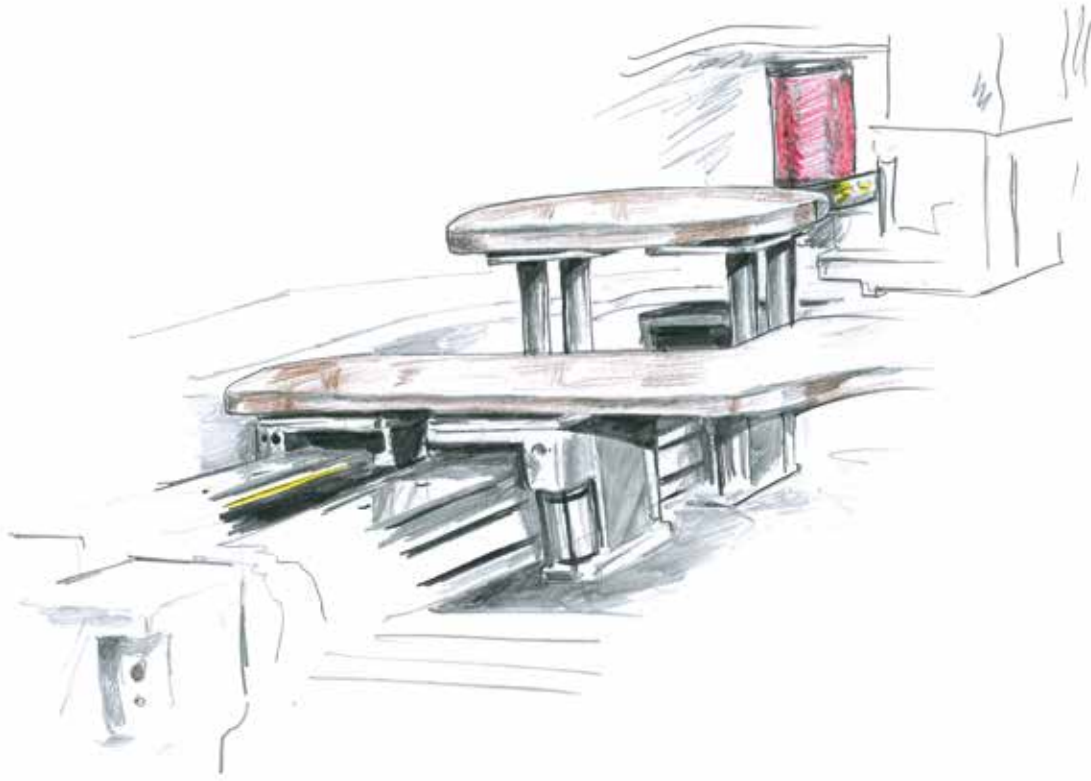
**Maximum exploitation of the work table performance:**  
*a single positioning and no displacement.*



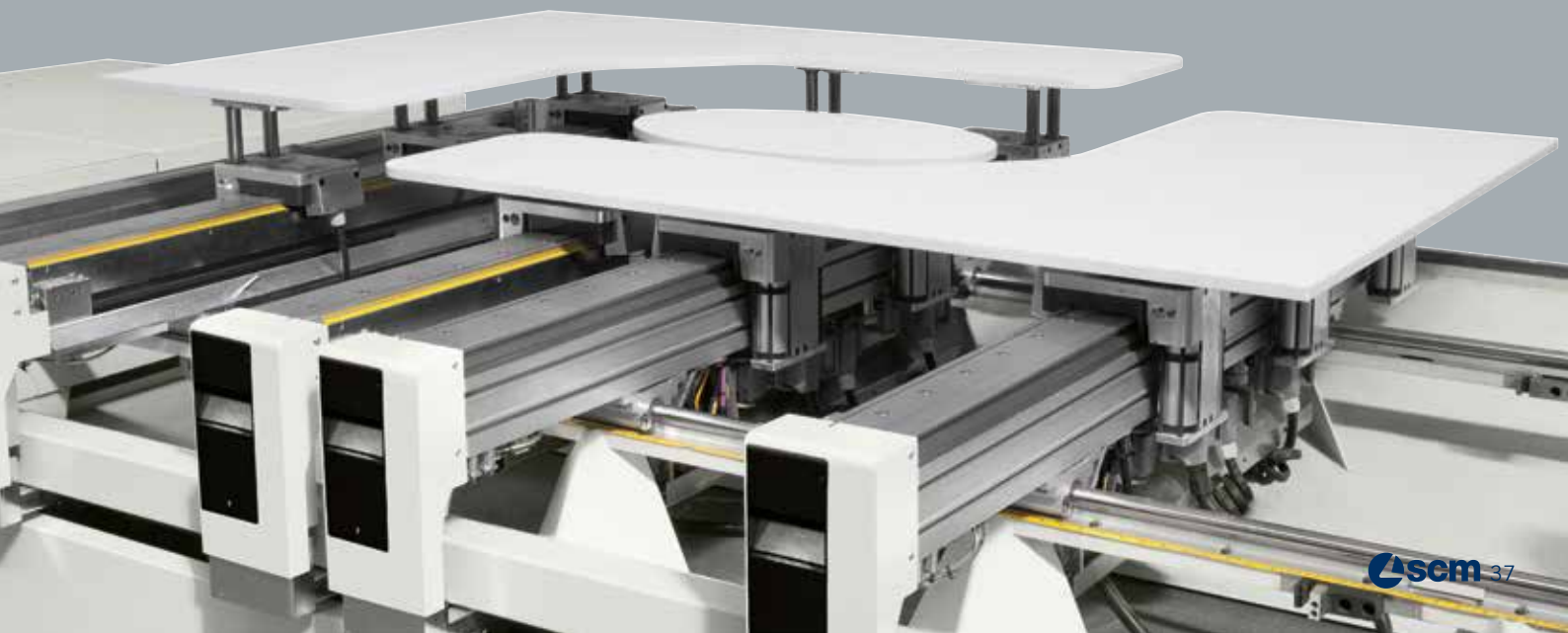
**No constraint on locking:**  
*any pod can be associated to a work piece in order to lock both panels and any shaving.*



**Maximum flexibility:**  
*use of HE-POD and standard pods in the same program.*



A SINGLE POSITIONING  
AND NO DISPLACEMENT!



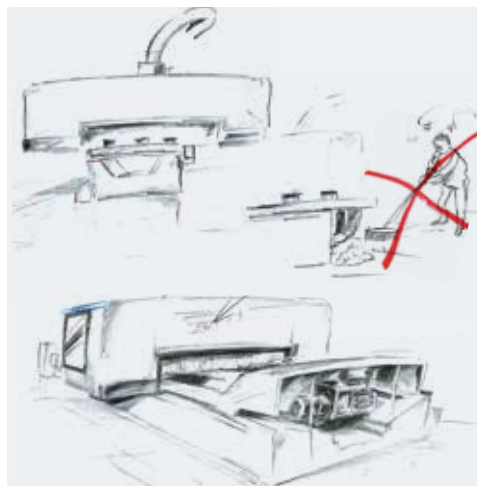


EVERYTHING YOU HAVE ALWAYS DREAMED OF A CNC MACHINING CENTRE BUT WERE TOO AFRAID TO ASK

# **SWEEP AWAY WORRIES**



# ALL CLEAN

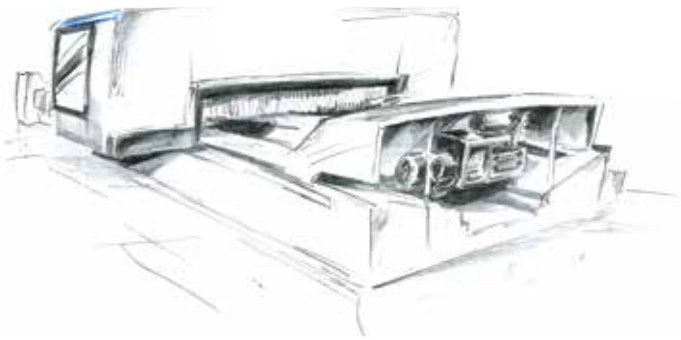


**No problem with dust or shavings** as a result of the intelligent solution of the dust collection box located in an ergonomic position.

**Free space on the floor** with the vacuum pump integrated in the machine base.

CLEAN

# SPACE? NO PROBLEM!



*Free access without obstacles on the floor, cable-holder chain and vacuum pump integrated in the machine base.*



# morbidelli p200

machining centre for drilling, routing and edgebanding



**Rapidity and ergonomics** to equip and do maintenance to the operating group also in PRO-SPACE version due to the practical front and rear openings.

**No problem with dust or shavings** as a result of the dust shavings conveyor belt equipped with exhaust outlet and the dust collection box located in an ergonomic position.





# M Maestro Digital Systems

SMART SOFTWARE AND DIGITAL SERVICES TO ENHANCE PRODUCTIVITY OF WOODWORKING AND FURNITURE INDUSTRIES.

design >

programming  
and data  
generation

Maestro office

Office

Factory

Maestro active

cutting >

routing  
drilling  
edgebanding

## SOFTWARE

Simple, smart and open Maestro software are tailored on the machine technology as well as on the entire process. All Maestro software share a common mission:

**easy to use**, so that any operator can easily and confidently learn and use the software

**smart**, with algorithms and computing modules aiming at the best possible result

**open in order to integrate** existing software, and provide customer the coverage of all his process.



SCM accompanies woodworking companies throughout their whole process combining machines with matching software solutions and digital services, with a constant strive to enhance company productivity.

The software solutions powered by SCM are developed to optimize machine usage as well as the entire process, providing integration with the different software existing in the company.

## DIGITAL SERVICES

Transforming the way it delivers services to its customers through digital technologies and particularly, the IoT platform that collects and analyses data coming from the machine, **SCM created a world of services enabled by Maestro connect.**

Meaning that connecting an SCM machine through Maestro connect will let customer subscribe a program of fast-evolving services and 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.

### Maestro connect IoT Platform

1  
Machine monitoring,  
KPIs, early warning

2  
Maintenance  
equipment

3  
Predictive  
maintenance

4  
Report and historical  
data export to MES

5  
Warranty  
extension

6  
Augmented  
remote support

7  
Smart learning,  
SELF-HEALING,  
video tutorials

8  
Asset management  
with e-shop SCM  
Spare Parts





# SOFTWARE

## Maestro lab

From the office, the Maestro lab design and programming system ensures that all machining can quickly and easily be programmed.

Transforming an idea into a finished product has never been easier.

More than 150 already integrated apps allow to generate cnc programs with just a few mouse clicks.



Office

## THE SOFTWARE THAT SIMPLIFIES THE WORK

CAD/CAM programming software to design all the production processes. Developed in Windows environment it ensures easy programming with an advanced, simple and intuitive sketching environment that features all the tools necessary to design the parts, tools management and the relative machining operations.

All the procedures are contained in a perfectly integrated and high performance software.

### SUITE



#### Maestro pro view

3D Simulator that allows users access to a three dimensional model of their machine in their office and view the operations that will be carried out during the production in advance on their PC.



#### Maestro 3D

The module integrated in the Maestro suite is designed to program three dimensional objects on 5-axis machining centres.



#### Maestro apps

Maestro apps is a library of programming functions that are always available and easy to use, developed by SCM for the production of parts for doors, windows, stairs, furniture and furnishings.



#### Maestro msl connector

Connector for third-parties with design software.



#### Maestro edge

It allows users to manage the routing, drilling and treatment of the edges of shaped panels and components.





# Maestro active cnc

Maestro active is the interface that the operator easily uses on all SCM machines: Maestro active interface software maintains the same look&feel, the same icons and the same approach to interaction.

## EASE OF USE

The interface has been specifically designed and optimised for immediate use via touch screen, for a simple and comfortable navigation.

## “ZERO” ERRORS

Improved productivity thanks to integrated help and recovery procedures that reduce the possibility of operator error.

## Factory

# A REVOLUTIONARY APPROACH TO INTERACT WITH YOUR SCM MACHINE

## FULL CONTROL OF PRODUCTION PERFORMANCES

The creation of customisable reports by operator, shift, program, forecast period (and much more) allows to monitor, optimise and improve the performance.

## FULL MACHINE AWARENESS AND KNOWLEDGE MANAGEMENT SYSTEM

Recording of maintenance, training and other events, tracing all the activities in a database. The operator's know-how is also stored and made available to other people inside the organisation thanks to the possibility to comment and document all production events or notifications.

## ORGANIZE YOUR PRODUCTION

Creation of different users with different roles and authorisations (e.g.: operator, maintainer, administrator, ...). Possibility of defining the work shifts on the machine and then detect activities, productivity and events that occurred in each shift.

## TOTAL QUALITY OF THE FINISHED PRODUCT

The quality of finished piece is no longer put at risk by worn tools. The new Maestro active Tool Life Determination system sends notification messages as the tool reaches its end of life and recommends its replacement at the most appropriate time.

## TOOLS? NO PROBLEM!

Maestro active guides the operator during the tool change phase, taking into account the programs to be executed.

# A WORLD OF SERVICES FOR GREATER EFFICIENCY

## Maestro connect

### CONNECT YOUR MACHINE AND GAIN ACCESS TO A WORLD OF SERVICES

Connecting your machine through Maestro connect will let you subscribe a program of fastevolving 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.

## DIGITAL SERVICES

### SMART MAINTENANCE: DOWN TIME REDUCTION

Maestro connect reduces maintenance downtime thanks to:

- Automatic maintenance notifications and scheduling, to prevent failures and work in the best conditions of use
- Direct connection to SCM Service thanks to an automatic ticket opening function

### SMART MACHINE: ANYTIME, ANYWHERE AWARENESS

Connecting your SCM machine also means having your machine always at hand. Immediate instant notifications in case of alarms or downtimes allow customers to immediately take an action thus optimizing his productivity.

### SMART MANAGEMENT: PRODUCTION PERFORMANCE OPTIMIZATION

Reports and KPIs allow further analysis thus increasing Customer Knowledge about his performance and results.

### SMART PARTS: FAST PARTS REPLENISHMENT

Repairs are scheduled proactively since the system provides Spare Parts suggestions and a direct Integration with Smart Parts e-shop.

### SMART LEARNING: EXECUTE WORK AND RECEIVE PROBLEM SOLVING SUPPORT

Maestro connect provides an intuitive Problem Solving Management System to help the operator to self solve any issue..

### SMARTECH: FASTER AUGMENTED SUPPORT

Maestro connect allows augmented reality support by means of Smartech: the head-wearable computers with wireless connectivity that will bring the interaction between customer and SCM service to a higher level.

### SMART WARRANTY: YOUR MACHINE ALWAYS IN PERFECT CONDITIONS

Together with scheduled maintenance contracts, you can take care of your asset by doubling the warranty from 1 year to 2 years\* for complete peace of mind!

*\* please read the complete contract to understand terms and conditions.*

# morbidelli p200

centro di lavoro per foratura, fresatura e trattamento del bordo

**Project**

Machining | Planes | Phases

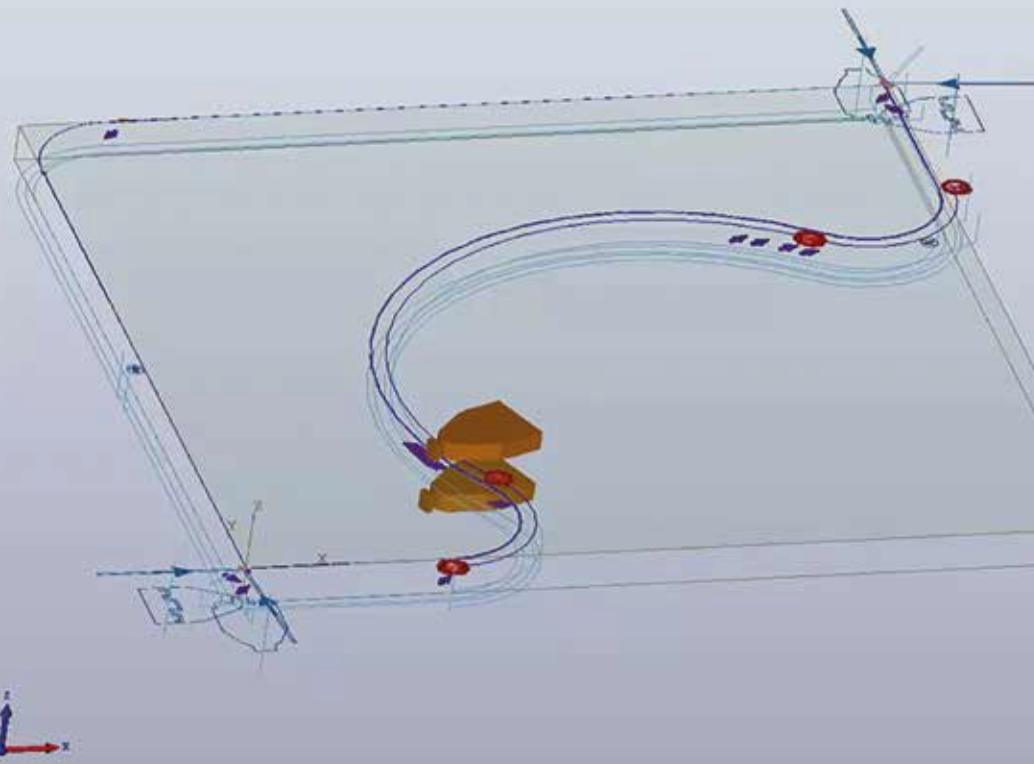
- IF - Fresatura(2)
- IF - Fresatura
- IF - Fresatura(2)
- IF - Bordatura
- IF - Bordatura(1)
- IF - Intestatura(3)
- IF - Intestatura
- IF - Intestatura(1)
- IF - Intestatura(2)
- IF - Refilatura
- IF - Raschia bordo
- IF - Refilatura(1)
- IF - Raschia bordo(1)

**Parameters**

dx1	1209.000
dy1	1209.000
dz1	60.000

Tool path display

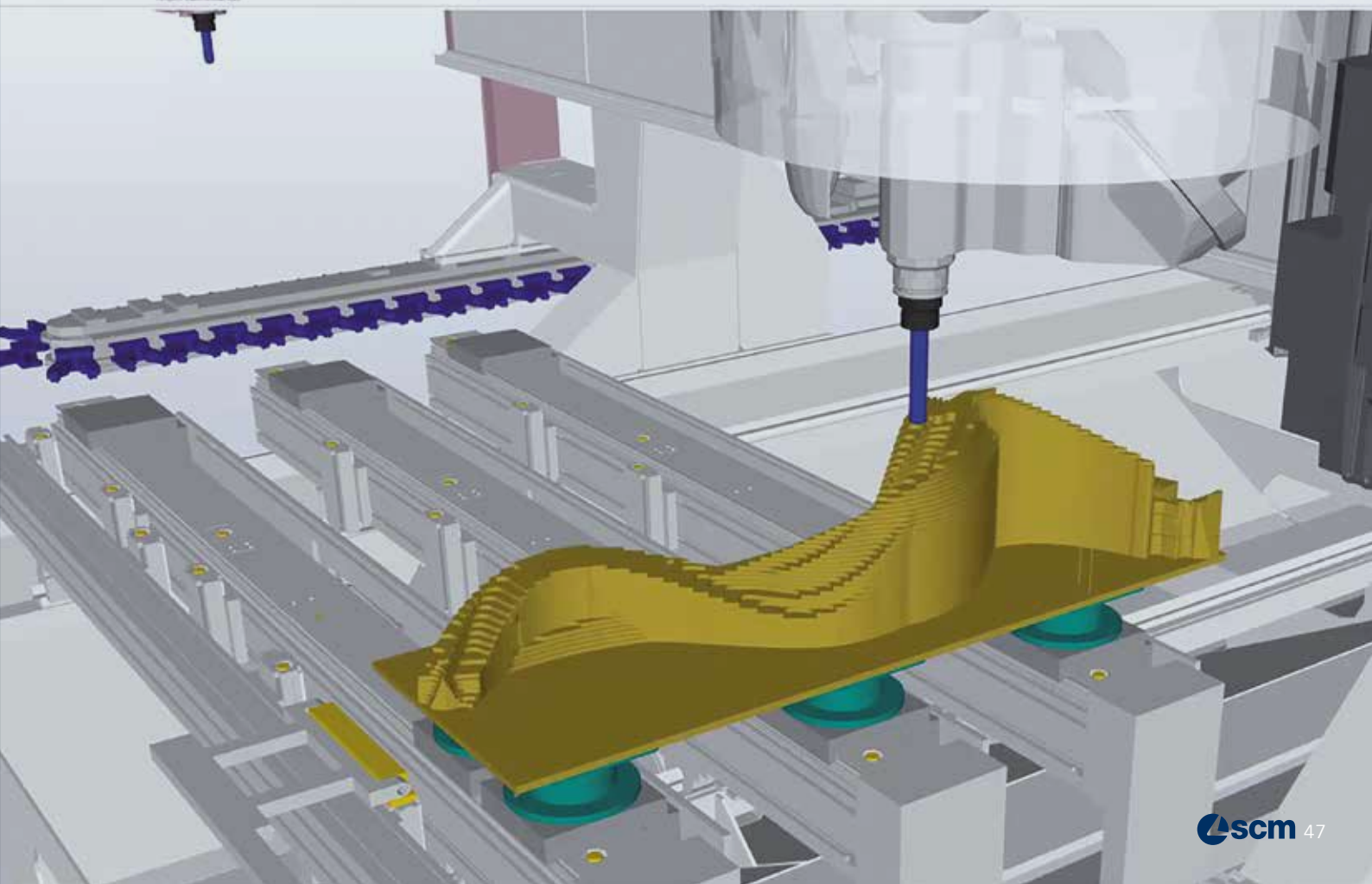
01s 1s 10s



X 859.179 Y 1729.077 Z 0

Main Commands Remote Commands Show/Hide Measure

AUTO STOP EM AUXON // STOP CYCLE I20 SETUP A-E CYCLE A-E SETUP D-H CYCLE D-H





# ALL READY



1 technician, 1 day and the machine is up and running!

THE AFFORDABLE ALL-IN-ONE TECHNOLOGY

# TECHNICAL DATA

## MORDIBELLI P200

### AXES

Z axis panel passage	mm	180
Vectorial speed - X-Y axes	m/min	56 (PRO-SPACE) 78 (PRO-SPEED)

### ROUTING UNIT

Motor power (max.)	kW (hp)	15 (20,5)
Rotation speed (max.)	rpm	24000
Available tools on tool changer (max.)	places	60

### DRILLING UNIT

Independent vertical spindles (max.)	no.	21
Independent horizontal spindles (max.)	no.	12
Rotation speed (max.)	rpm	8000
Integrated blade in X, diameter	mm	125

### INSTALLATION

Exhaust air consumption	m <sup>3</sup> /h	4430
Exhaust air speed	m/sec	25
Exhaust outlet diameter	mm	250



## THE USE OF POWER ONLY WHEN IT IS REQUIRED

SavEnergy allows making things operate only when they are really necessary. It means the machine automatically enters “stand-by” mode when there are no panels to be machined.

**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
ISO 9001**

*The technical data can vary according to the requested machine composition. In this catalogue, machines are shown with options. The company reserves the right to modify technical specifications without prior notice; the modifications do not influence the safety foreseen by the CE Norms.*

*Maximum noise levels measured according to the operating conditions established by EN 848-3:2012  
Acoustic pressure in process (routing) 81 dbA (measured according to EN ISO 11202:2010, uncertainty K = 4 dB)  
Acoustic power in process (routing) 98 dbA measured according to EN ISO 3746:2010, uncertainty K = 4 dB)*

*Even if there is a correlation between above mentioned “conventional” noise emission values and average levels of personal exposure over eight hours of operators, these last also depend on the real operating conditions, duration of exposure, acoustic conditions of the working environment and presence of further noise sources, this means the number of machines and other adjacent processes.*



**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!**

**CONTACT**

**SCM SERVICE**

via Emilia 77 - 47921 Rimini - Italy  
tel. +39 0541 700100  
scmservice@scmgroup.com  
www.scmwood.com

**SCM SPAREPARTS**

Via Emilia, 61 - 47921 - Rimini - Italy  
tel. +39 0541 674111  
spareparts@scmgroup.com  
www.scmwood.com



My Scm



# WE'LL GO THE EXTRA MILE FOR 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

# THE STRONGEST WOOD 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

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

### 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

# TECHNOLOGIES



industrial equipment and components for machining the widest range of materials.

## 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

**es**

ELECTRIC PANELS

**steelmec**

METALWORK

**scmfonderie**

CAST IRON





**SCM GROUP SPA**

via Casale 450 - 47826 Villa Verucchio, Rimini - Italy  
tel. +39 0541 674111 - fax +39 0541 674274  
morbidelli@scmgroup.com  
www.scmwood.com



00L0431247F