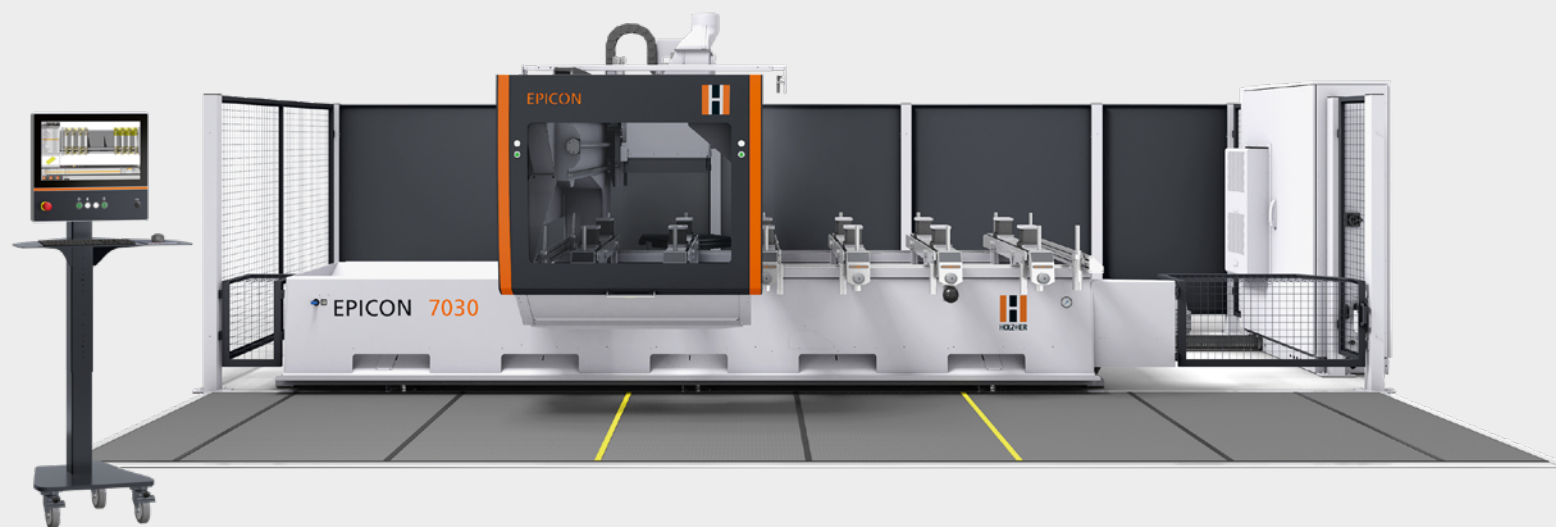


# HOLZ-HER EPICON series

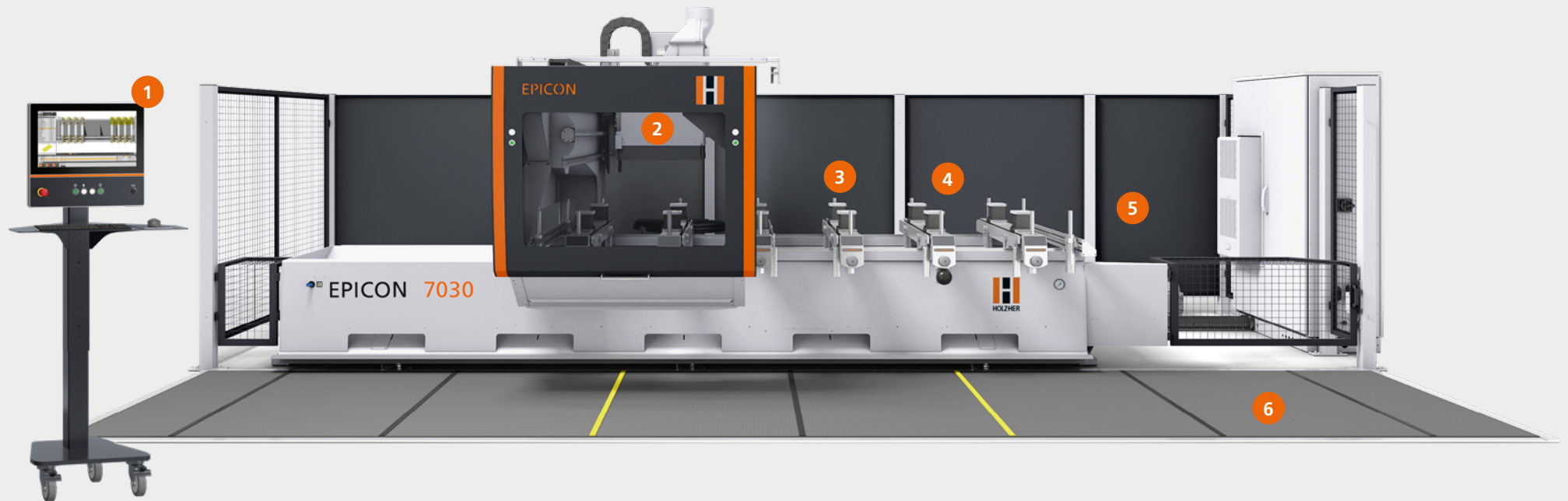
The powerful universal geniuses

EPICON 7030



Smart 3-/4-axis machining center

## EPICON 7030



- 1 Intuitive machine operation
- 2 Individual spindle equipment
- 3 Highly flexible table concepts

- 4 Clever setup aids
- 5 Tool change options
- 6 Comprehensive security technology

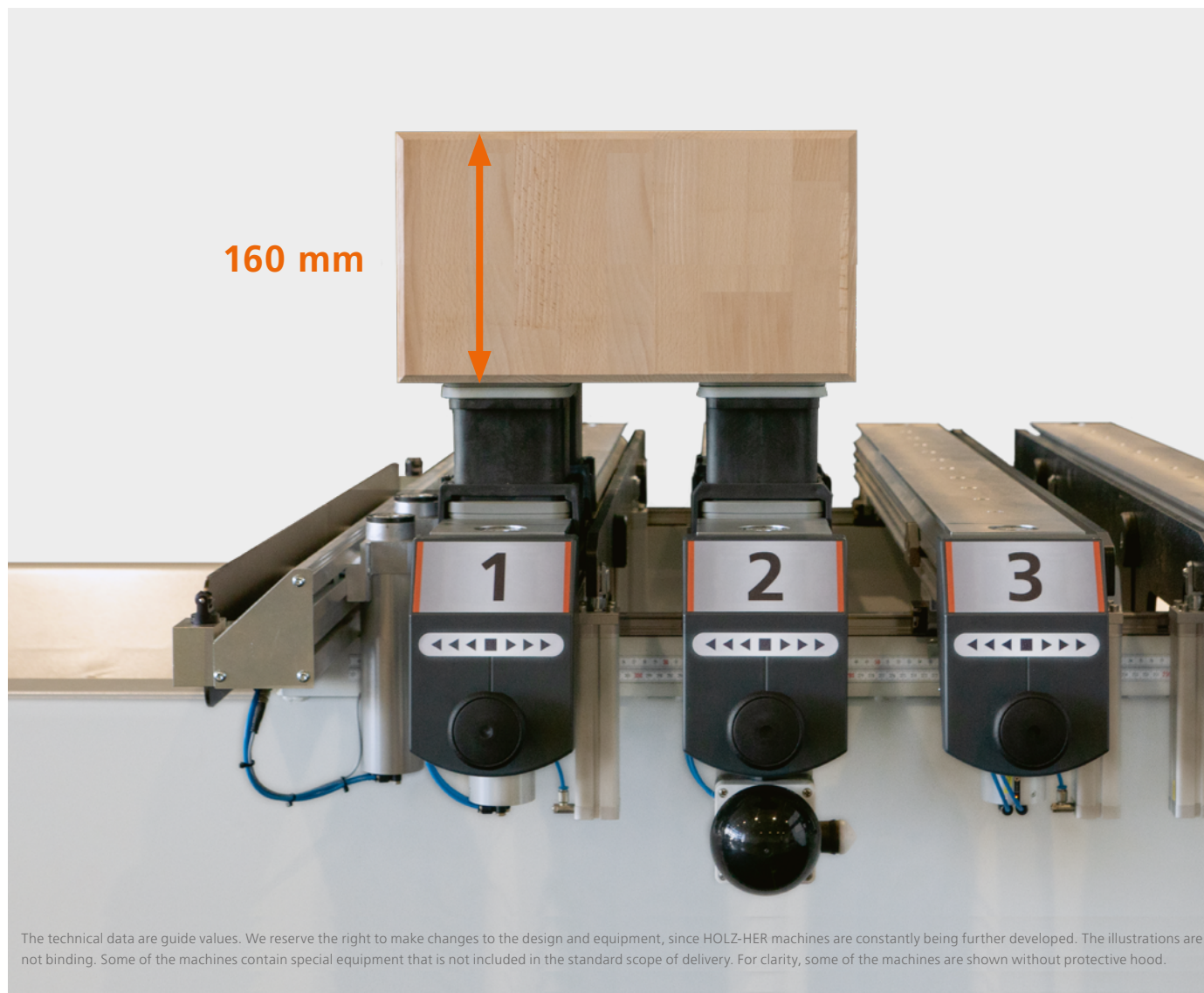


## MACHINING DIMENSIONS

The EPICON 7030 is available in five lengths with processing dimensions in the X-direction from 3.15 to 6.75 meters and a processing depth of 1.69 meters.

With a maximum Z-axis travel of 325 millimetres, workpieces up to 160 millimetres can be positioned on the vacuum suction cups (suction cup height 125 mm).

| X   | MACHINING DIMENSIONS | BETWEEN THE STOPS |
|-----|----------------------|-------------------|
| 315 | max. 3400 mm         | 3150 mm           |
| 405 | max. 4300 mm         | 4050 mm           |
| 495 | max. 5200 mm         | 4950 mm           |
| 585 | max. 6100 mm         | 5850 mm           |
| 675 | max. 7000 mm         | 6750 mm           |
| Y   | max. 1690 mm         | 1280 mm           |
| Z   | 160 mm               | -                 |



The technical data are guide values. We reserve the right to make changes to the design and equipment, since HOLZ-HER machines are constantly being further developed. The illustrations are not binding. Some of the machines contain special equipment that is not included in the standard scope of delivery. For clarity, some of the machines are shown without protective hood.

## CANTILEVER DESIGN

### Enormous speeds

Thanks to high-quality machine components and powerful direct drives, the Epicon 7030 with its cantilever design offers optimum conditions for the professional processing of panel materials. Maximum programmable speed:

- in X: 70 m/min
- in Y: 70 m/min
- in Z: 20 m/min



## CAMPUS PACKAGE

### NC-HOPS

- Simple programming of even complex parts
- A wealth of existing macros
- Auxiliary functions like Easy-Snaps, free planes & auxiliary geometries

### ACADEMY

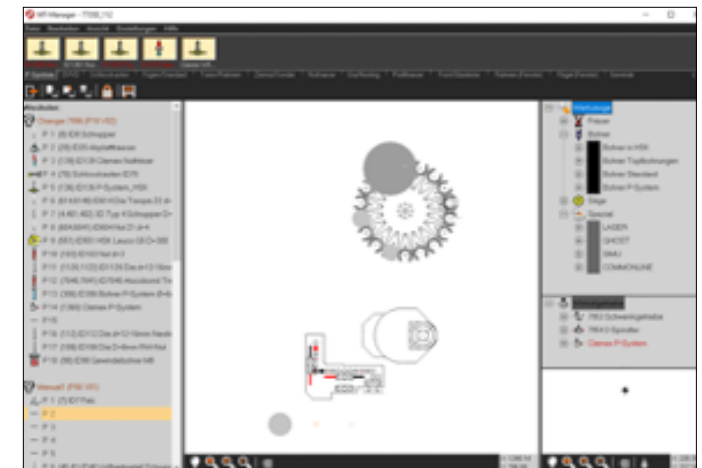
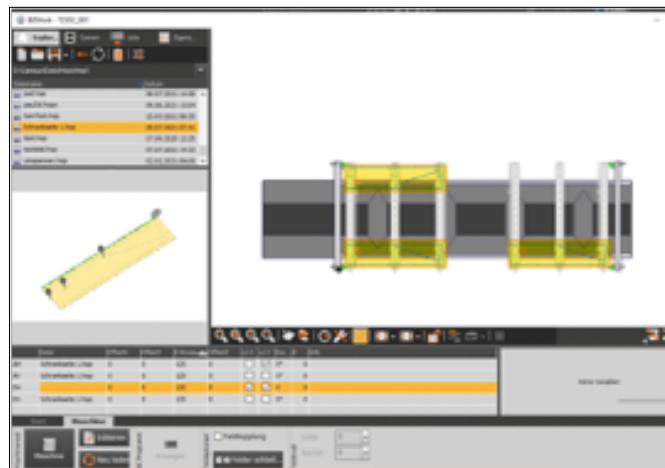
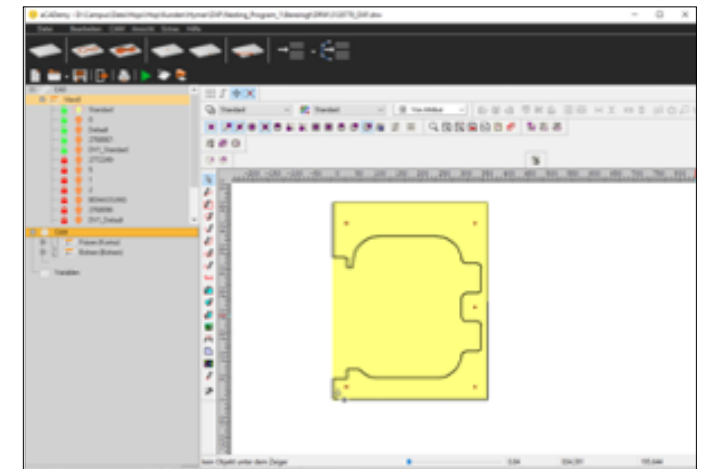
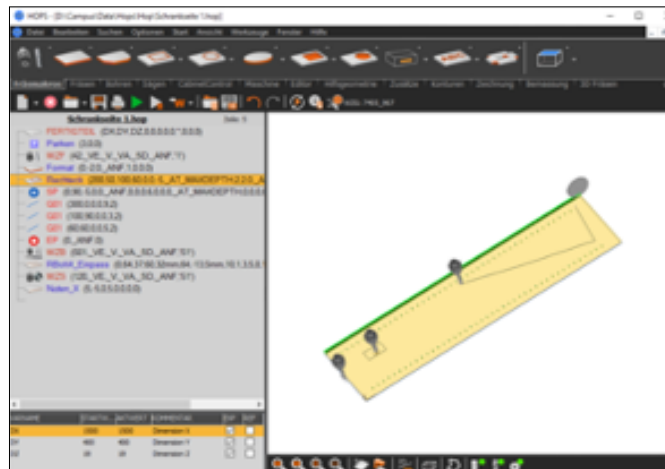
- Direct DXF import & assignment of machining operations
- Quick construction of simple components

### MT MANAGER

- Clear tool management
- Locking tools

### BZ MANUAL

- Saving table assignments
- Variable adaptation of the components
- 3D view of the consoles & suction cups



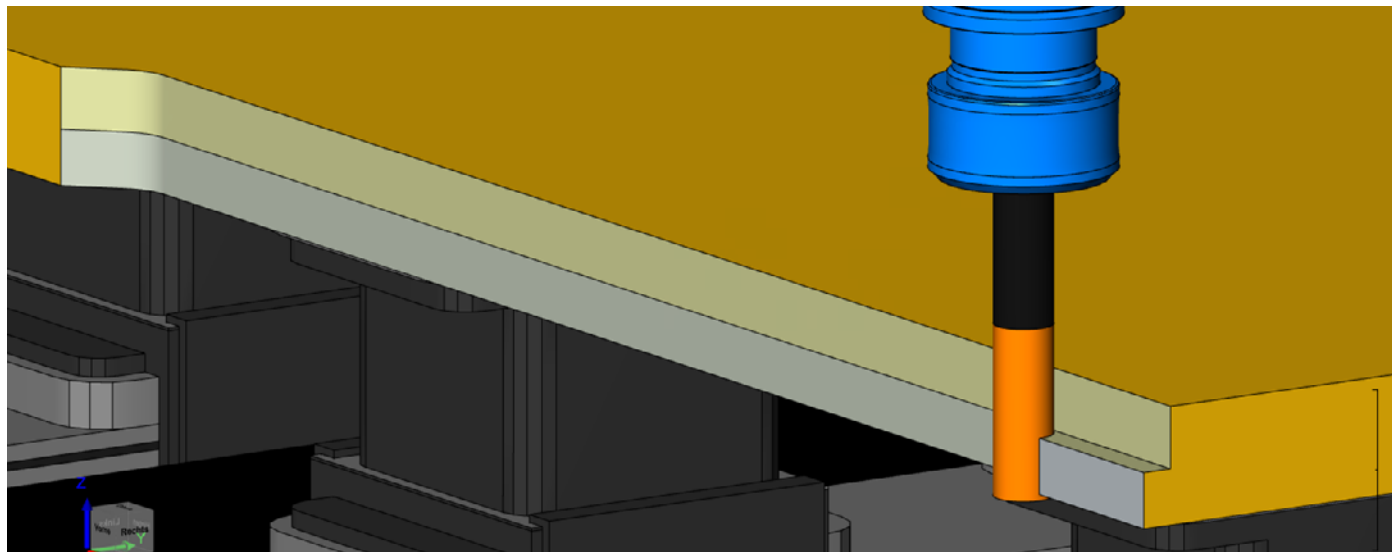
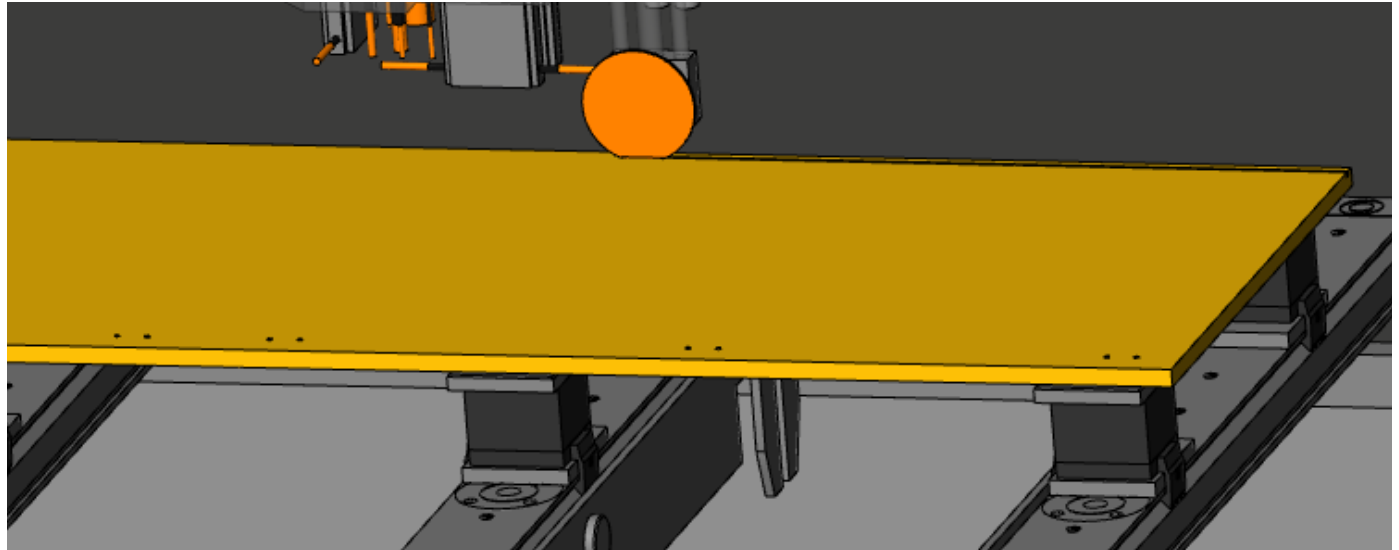


## CAMPUS 3D MACHINE SIMULATION

For High Process Reliability Even before Machining

For even more safety in work preparation, workpieces can be processed virtually on the machine table. Any collisions with vacuum cups or rails can thus be detected and remedied at an early stage.

- Collision monitoring
- Three-dimensional simulation of machine movements and material removal from the workpiece.
- Graphic representation of machining head, tool and tool holder.
- Upgrade to the machine simulation with representation of the consoles, suction cups and clamping devices possible.



## VIACOCKPIT – THE HOLZ-HER MACHINE MONITORING

Full Transparency for Your Future  
Workshop

Productivity at any time, not only at the workplace  
via the master computer, but also on the move.

The WEINIG App Suite and viaCockpit offer you the possibility to always keep an eye on your production flow and material management. The system enables the monitoring and evaluation of order data, increases production safety through maintenance information and optimises production. Thanks to open interfaces, the system is future-proof and can be seamlessly integrated into existing IT landscapes.

### EXPORT

For advanced data analysis, viaConnector Edge allows you to export your collected data as a CSV file for transfer to ERP or SQL databases at the touch of a button.



#### viaMonitor

For monitoring and  
evaluation



#### viaNotify

Reports any errors



#### viaOrder

Creates an over-  
view of the order  
progress



#### viaMaintain

Informs about  
maintenance due



#### viaCondition

Optimises machine  
utilisation

## HANDHELD CONTROL UNIT FOR REMOTE CONTROL OF THE MACHINE

Everything Always Under Control

Whether when running in the programmes or for safety during machining, with the hand-held control unit you always have all the functions at hand.

### OPERATING FUNCTIONS:

- Start / stop the machining programme
- Speed control of the machining cycles
- Reset button
- Manual feed / rapid traverse for all axes
- EMERGENCY STOP





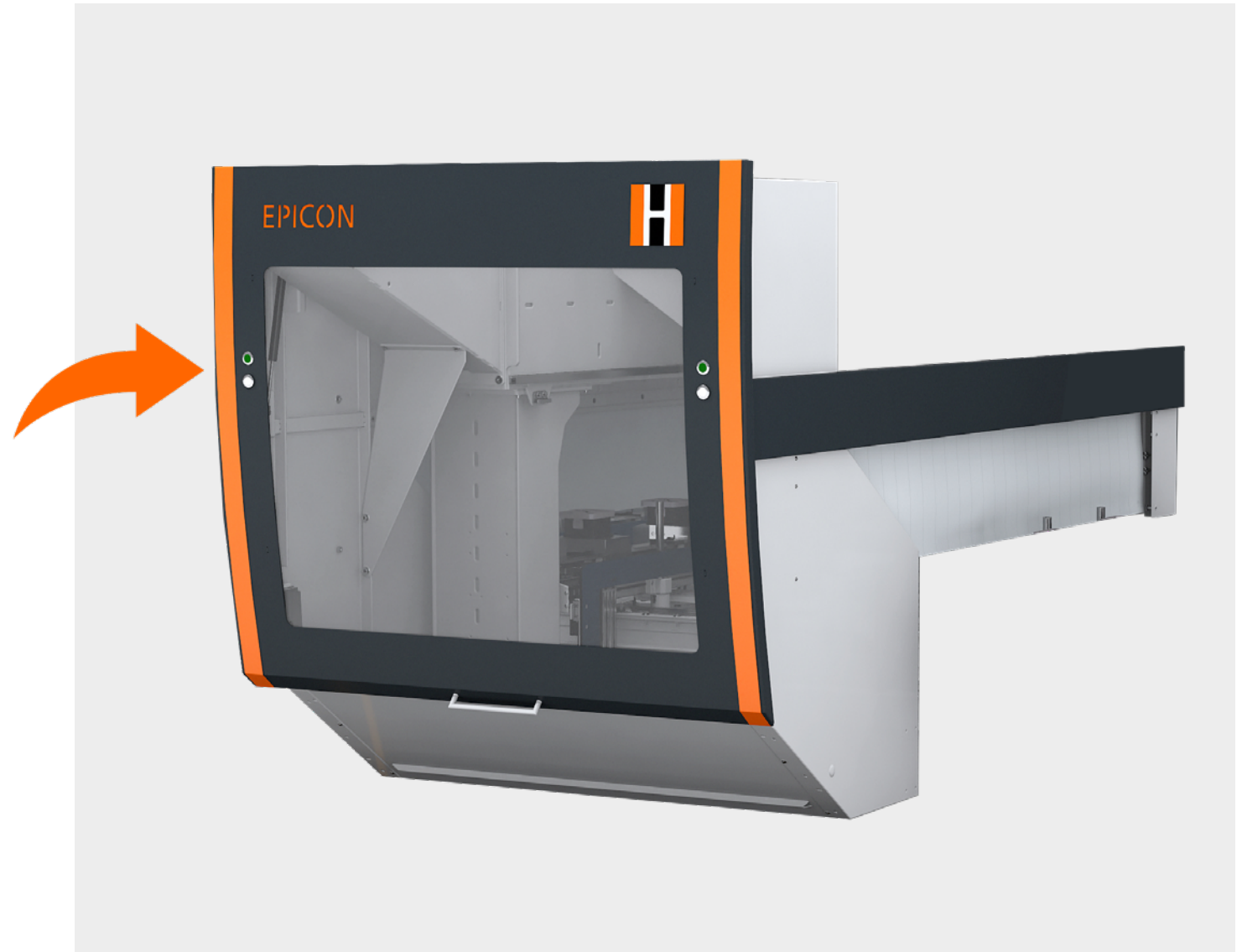
## EASystART – THE CONVENIENT OPERATION

Short Distances and High  
Effectiveness

Allows you convenient operation and short distances thanks to additional start buttons on the machine bonnet. A must-have option, especially in pendulum machining!

### OPERATING FUNCTIONS:

- Start / stop the machining programme
- Reset button



## BARCODE SCANNERS AND LABELS

Start Your Machining Programmes  
with Just One Barcode Scan

### 2D BARCODE SCANNER

- Fast and mobile reading of all common barcodes
- Selection of the processing fields by barcode

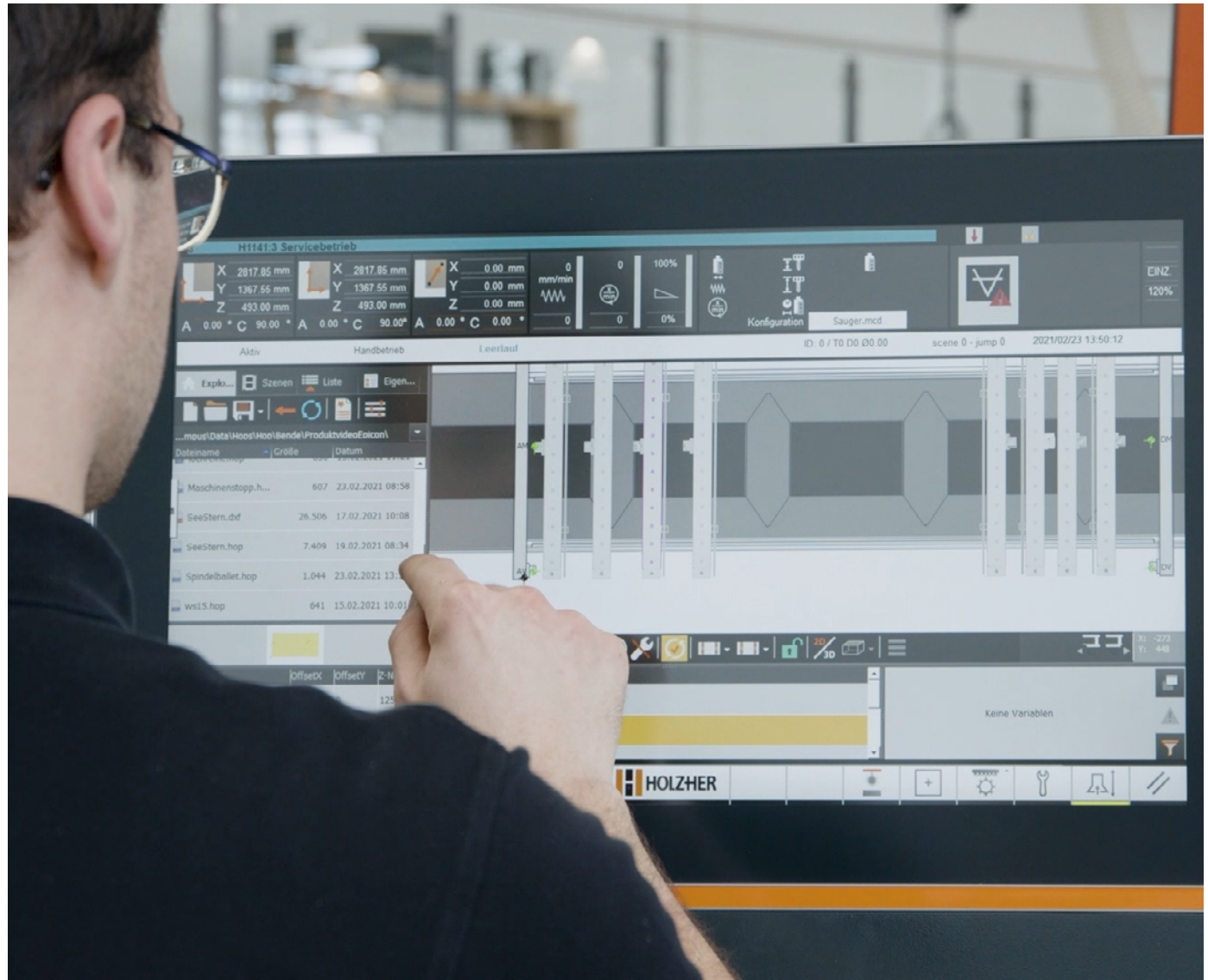
### EASYLABEL-PRINTER

- Label printer for the production of workpiece labels
- Individual design of the labels with the label editor



## THE MACHINE CONTROL

The ergonomic design of your workstation is becoming increasingly important. HOLZ-HER offers the following as standard for all EPICON models a control panel equipped with a 21.5" and 16:9 multi-touch screen, and offers you perfect operator ergonomics. The HOLZ-HER machine control system is an integral part of the machine design.



## EASYPYBEL LABEL PRINTER

Labels simplify your production

Expand your production with a label printer on the control panel.

The additional labeling not only identifies the workpiece but also enables clear allocation and tracking of individual components.

Using the generated QR codes, edge banding machines from HOLZ-HER, for example, can automatically call up the appropriate stored program and convert to the respective component.

With the help of an editor, the structure of the label can be freely designed. Up to two codes can be integrated on one label. This allows processing steps to be sensibly separated from one another. The edge pattern can also be clearly read off the label.

- Label printer for generating workpiece labels
- Individual design of the labels with the label editor



| Definitionsliste |      |      |                   |  |
|------------------|------|------|-------------------|--|
| Art              | PosX | PosY | Text/Variable/IMG |  |
| 16 Variable      | 10,0 | 3,0  | EKAHIREZ          |  |
| 17 Variable      | 10,0 | 43,0 | EKAVOREZ          |  |
| 18 Variable      | 3,0  | 12,0 | EKALINFO          |  |
| 19 Variable      | 3,5  | 42,5 | EKALIREZ          |  |
| 20 Variable      | 88,0 | 38,0 | EKAREINFO         |  |
| 21 Variable      | 87,5 | 7,5  | EKAREIREZ         |  |
| 22 Variable      | 50,0 | 43,0 | EKAVOINFO         |  |
| 23 Variable      | 9,0  | 23,0 | EBAZPGM           |  |
| 24 Variable      | 9,0  | 25,0 | EINFO2            |  |
| 25 Text          | 9,0  | 7,5  | CabinetControl    |  |
| 26 Text          | 24,0 | 40,0 | CNC1              |  |
| 27 Barcode       | 9,0  | 27,0 | EBAZPGM           |  |
| 28 Barcode       | 67,0 | 27,0 | EINFO2            |  |
| 29 Text          | 60,0 | 40,0 | CNC2              |  |





## TOUCH TOOL

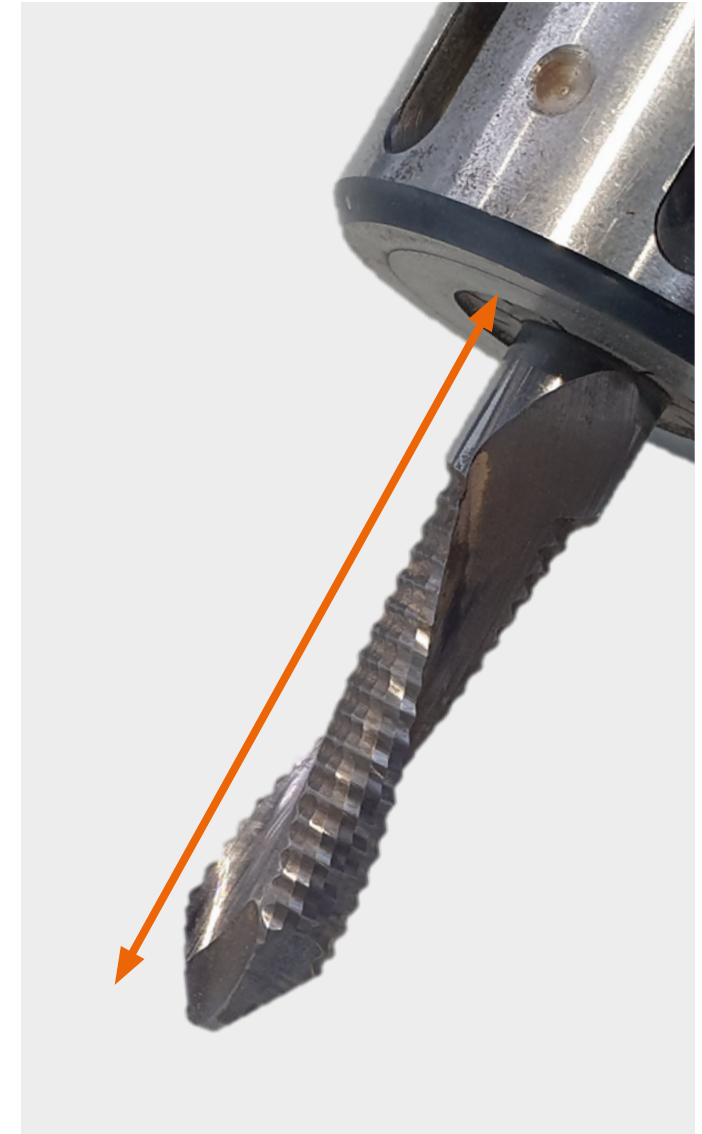
### Tool length measuring system

Cylindrical standard tools with a diameter of up to 20 millimeters can be precisely measured and checked in length using the TouchTool.

After the tool change, a measurement is carried out and the tool length is checked for a possible tolerance.

The measured length is transferred directly to the tool database.

- Tool length measurement
- Measuring accuracy 0.1 mm
- Detection of tool breakage



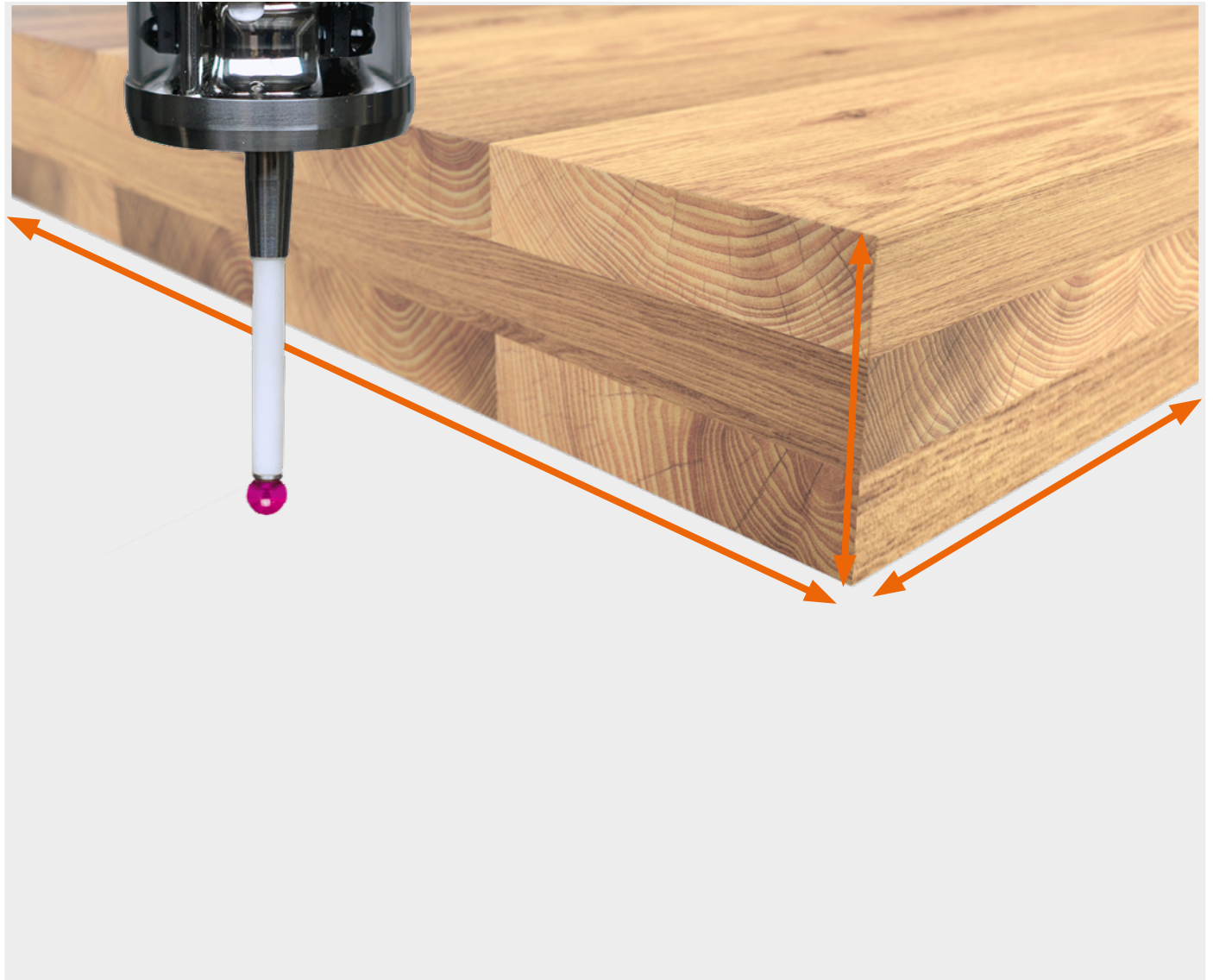
## PRECISION MEASURING PROBE

### Ball switch with data transfer

With a carbon ball tip, material thickness, depth and height can be determined. A check of the workpiece zero points and displacement is also possible. The measuring probe can also be used to detect workpiece rotation.

The probe is inserted into the HSK spindle holder like a normal tool. Appropriate macros must be used for programming.

- Check workpiece dimensions
- Check zero offset
- Check workpiece rotation



## 3-AXIS SPINDLE

Proven spindle technology in 3 power levels

The EPICON 7030 can be equipped with the appropriate milling spindle depending on requirements.

- **10.3 kW, air-cooled**  
Ideal for interior work when processing panels
- **15 kW, air-cooled**  
For solid wood processing stairs and doors
- **16 kW, liquid cooled**  
Especially for high chip removal rates and working in multi-shift operation

### Optional C-axis

A fourth, fully interpolating axis can be added to the main spindle. With the additional C-axis, the spindle can be rotated through a full 360° and is therefore ideally equipped for the use of additional units.

- Vector axis 360°
- Retrofitting is possible!





## MILLING UNIT 10.3 KW TYPE 7830

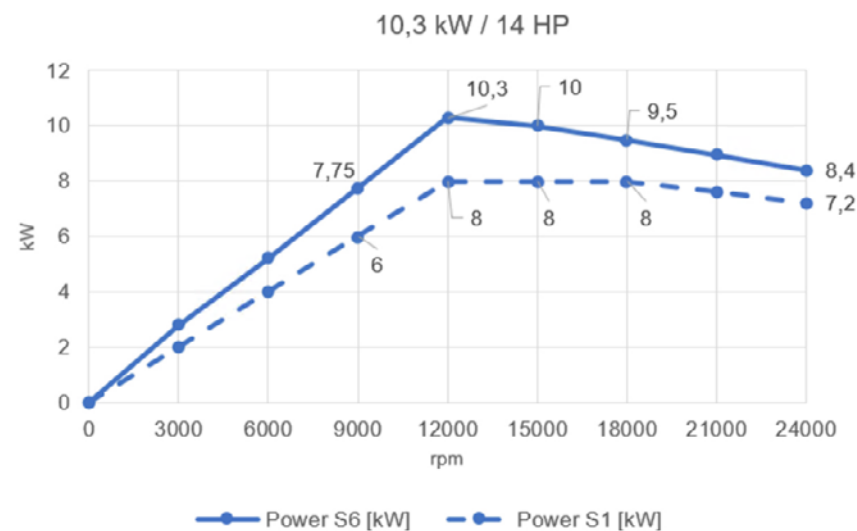
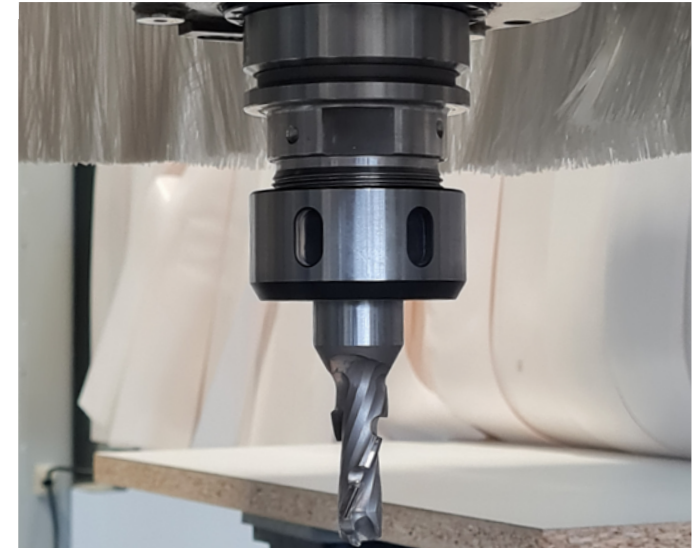
Perfect for interior fittings and panel processing

### Technical data

- 10,3 kW
- Ceramic ball bearings
- Air-cooled
- N (max.) 1000 - 24000<sup>min-1</sup> infinitely variable
- max. power at 12000 - 18000 min<sup>-1</sup>
- Z-axis travel 326 mm
- Tool holder HSK 63 F
- max. tool weight 6 kg (incl.
- max. tool diameter 160 mm

### Upgrade option

- Extension with a C-axis



**kW**  
**HP**



## MILLING UNIT 15 KW TYPE 7831

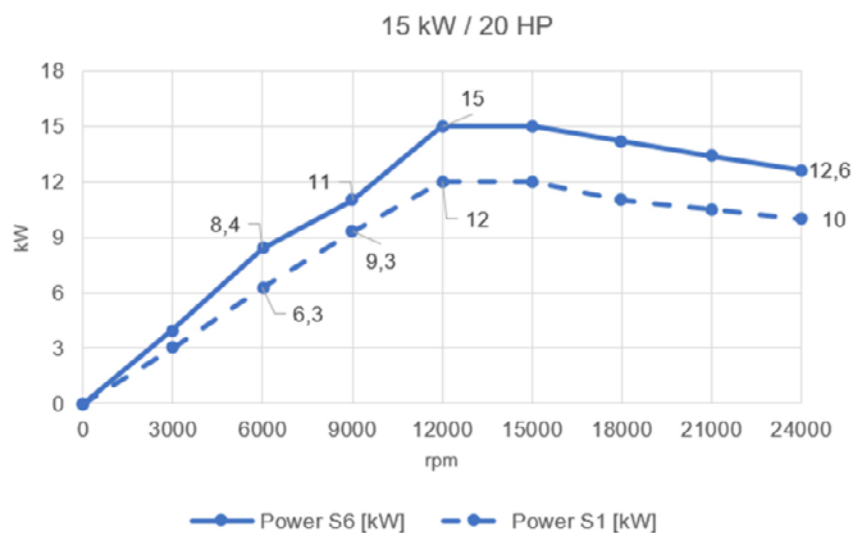
Ideal for processing doors and solid wood

### Technical data

- 15 kW
- Ceramic ball bearings
- Air-cooled
- N (max.) 1000 - 24000<sup>min-1</sup> infinitely variable
- max. power at 12000 - 18000 min<sup>-1</sup>
- Z-axis travel 326 mm
- Tool holder HSK 63 F
- max. tool weight 6 kg (incl.
- max. tool diameter 160 mm

### Upgrade option

- Extension with a C-axis



**kW**  
**HP**

## MILLING UNIT 16 KW TYPE 7830

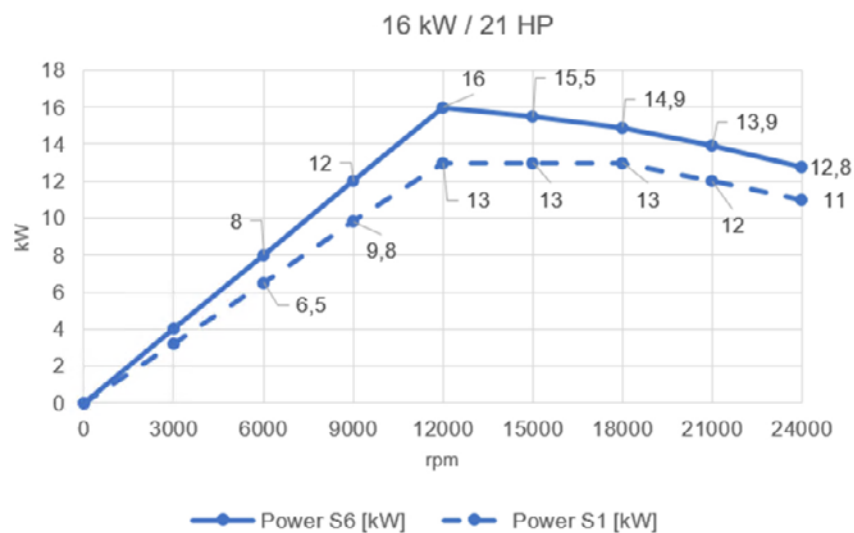
Especially for high chip removal rates and working in multi-shift operation

### Technical data

- 16 kW
- Ceramic ball bearings
- liquid cooled
- N (max.) 1000 - 24000<sup>min-1</sup> infinitely variable
- max. power at 12000 - 24000 min<sup>-1</sup>
- Z-axis travel 326 mm
- Tool holder HSK 63 F
- max. tool weight 6 kg (incl.
- max. tool diameter 160 mm

### Upgrade option

- Extension with a C-axis



**kW**  
**HP**

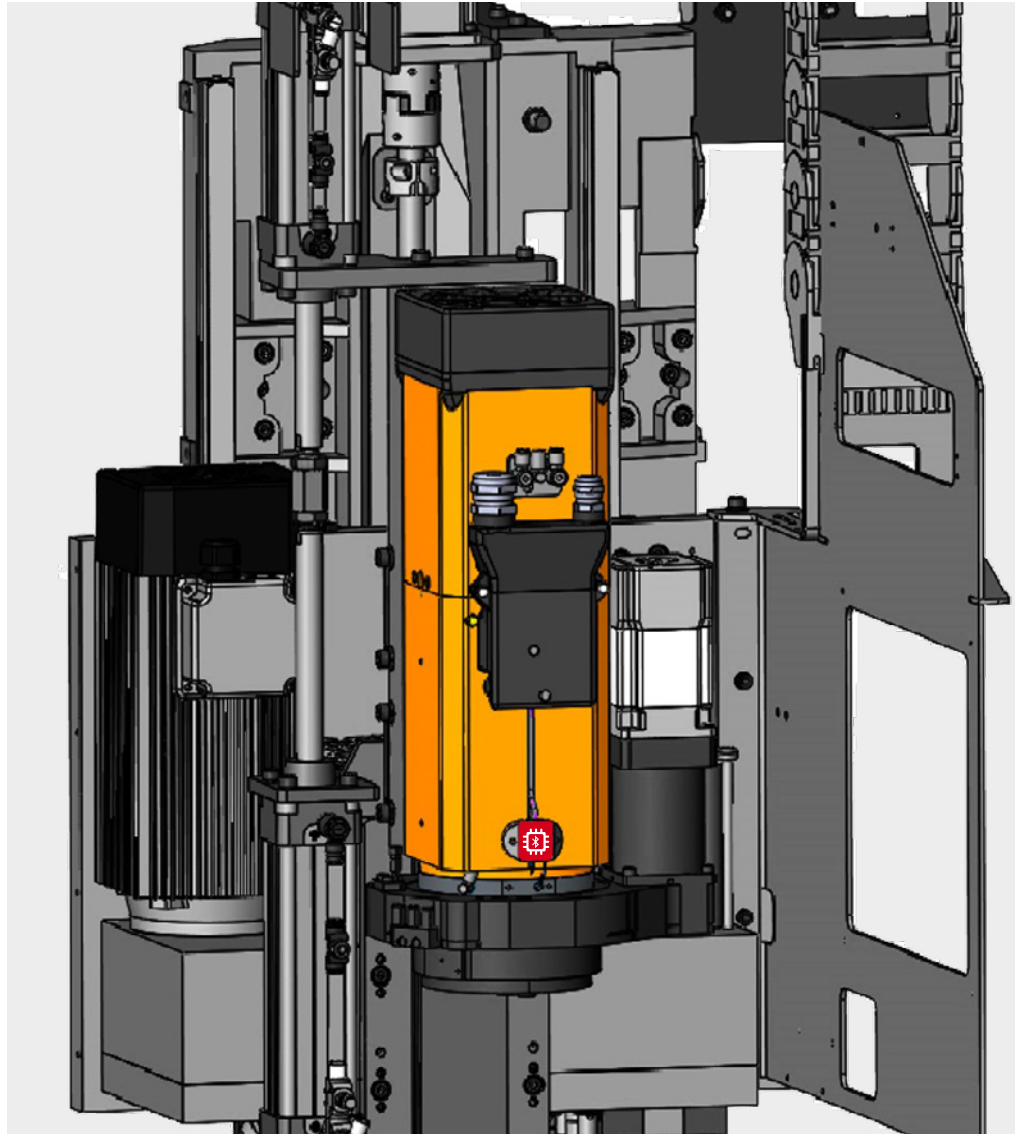
## BLUETOOTH MONITORING CHIP

### Data acquisition and spindle monitoring

All milling units of HOLZ-HER CNC machining centers can be equipped with the "ChipControl" monitoring chip. Via Bluetooth, all monitored data is transmitted to the computer or to the viaCockpit app. If safety parameters are exceeded, an alarm is displayed on the machine monitor and on viaCondition or viaCockpit and the respective information is made available.

#### The new ChipControl

- Monitors bearing temperature during machining operations with high spindle load
- Reports overheating of the spindle or the bearing
- Speed monitoring
- Enables preventive diagnostics for predictive maintenance



## INTEGRATED DRILL HEAD

With the integrated drilling heads, the EPICON is perfectly equipped

Drilling, sawing, grooving - the drilling heads of the EPICON series are multifunctional and perfectly equipped for the efficient production of simple and complex carcass parts in continuous operation.

### STANDARD DRILL HEAD - THE 16-SPINDLE DRILL

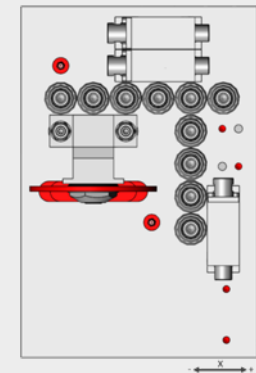
The drill head supplied as standard is ideal for row drilling and rear panel grooves in furniture and construction.

### UPGRADE OPTIONS - 25-SPINDLES

For series production, the XL drilling head for series drilling with even more flexible drill bit configurations can be selected as an alternative. These drill heads can also be adapted precisely to your needs with additional options.

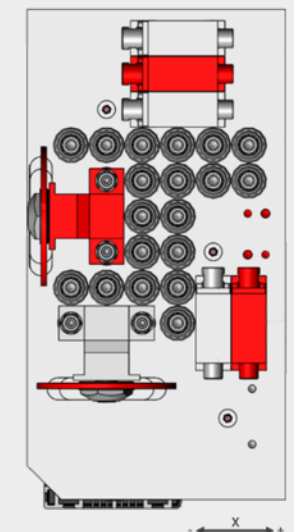
#### DRILL HEAD 16-SPINDLE

- 10 x vertical spindles
- 3 x horizontal double drilling spindles
- Integrated grooving saw in X direction



#### DRILLING HEAD XL 25-SPINDLE

- 19 x vertical spindles
- 3 x horizontal double drilling spindles
- Integrated grooving saw in X direction
- Can be expanded with a grooving saw in Y-direction
- Can be extended by 2 additional horizontal double drilling spindles





## DRILL HEAD 16-SPINDLE

Perfect for construction in solid wood

### ASSEMBLY

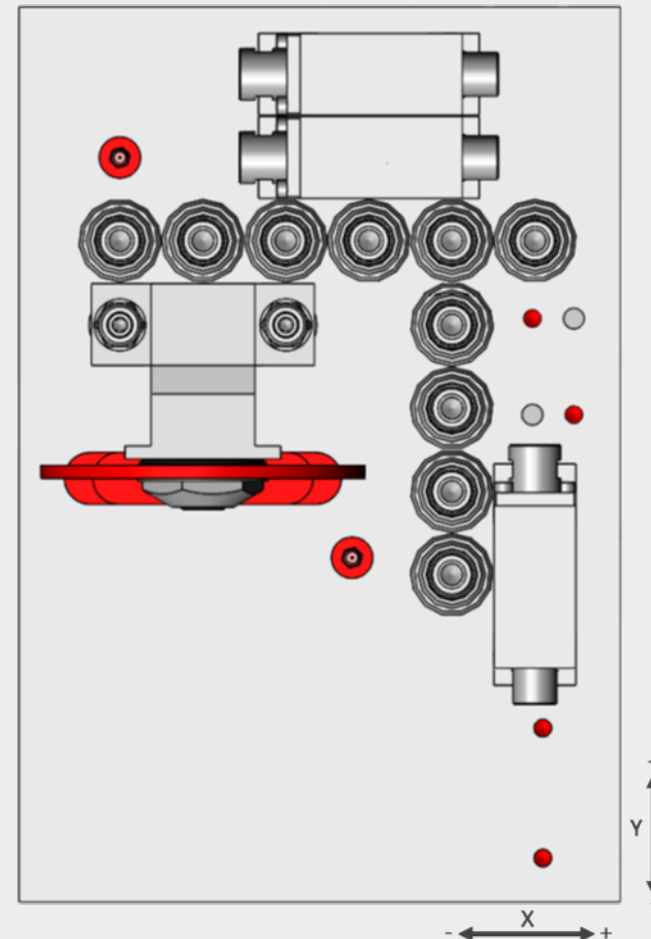
- Drilling unit with 10 vertical spindles
- 3 horizontal double drilling spindles (two in X-direction, one in Y-direction)
- Integrated grooving saw in X direction

### POWER DRILL HEAD

- Drive power 3 kW
- N (max.) 1000 - 6250<sup>min-1</sup> infinitely variable
- 32 mm centres
- Direction of rotation: clockwise / counterclockwise alternating
- max. drill length = 70 mm
- max. Ø drill = 35 mm

### GROOVING SAW

- N (max.) 1000 - 5650<sup>min-1</sup> infinitely variable
- Tool holder:
  - A = max. Ø = 125 mm
  - I Ø = 20 mm
  - B = max. 4.0 mm



## DRILLING HEAD 25-SPINDLE

Strong performance High flexibility

### ASSEMBLY

- Drilling unit with 19 vertical spindles
- 3 horizontal double drilling spindles (two in X-direction, one in Y-direction)
- Integrated grooving saw in X direction

### POWER DRILL HEAD

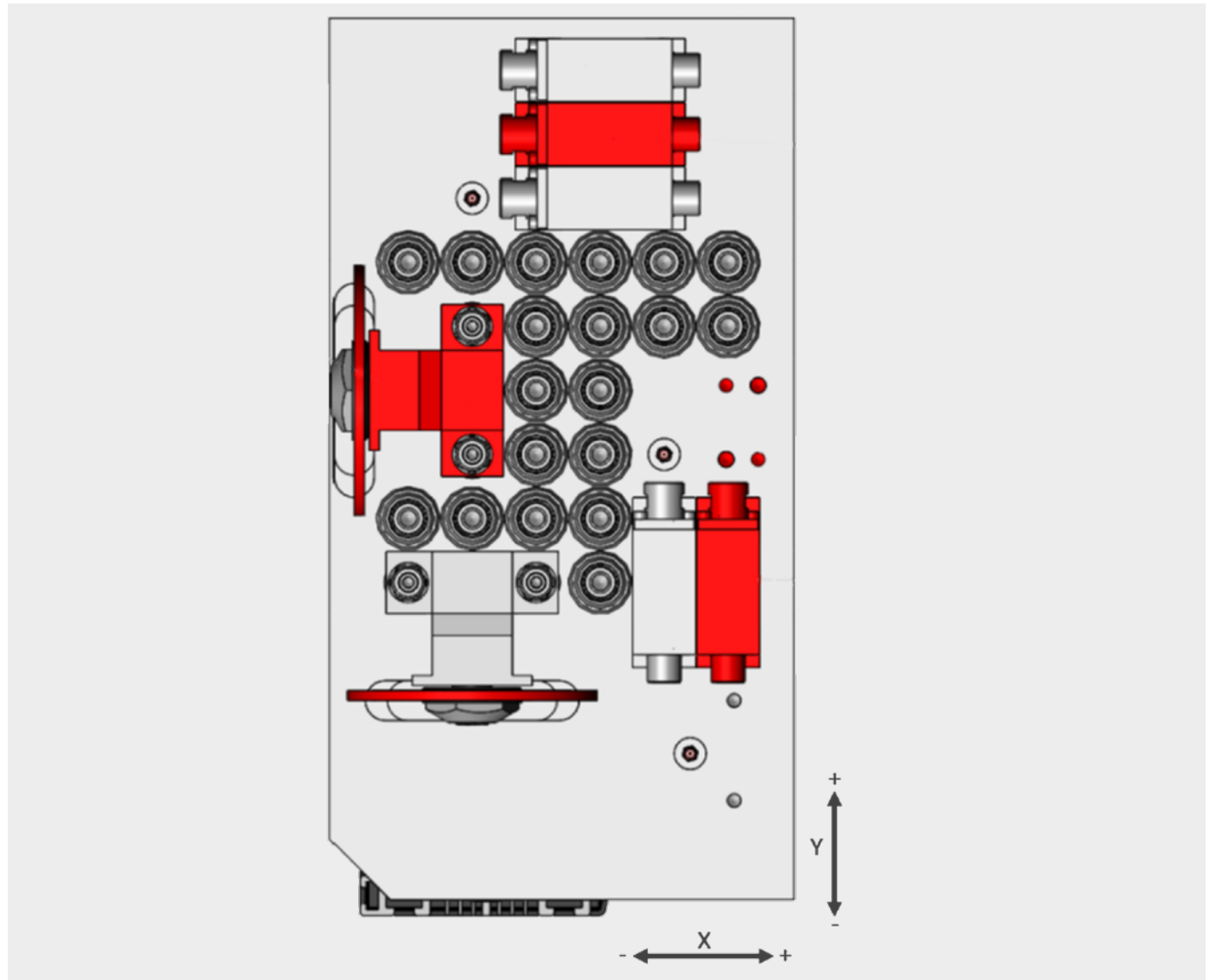
- Drive power 6 kW
- N (max.) 1000 - 6250<sup>min-1</sup> infinitely variable
- 32 mm centres
- Direction of rotation: clockwise / counterclockwise alternating
- max. drill length = 70 mm
- max. Ø drill = 35 mm

### GROOVING SAW

- N (max.) 1000 - 5650<sup>min-1</sup> infinitely variable
- Tool holder:
  - A = max. Ø = 125 mm
  - I Ø = 20 mm
  - B = max. 4.0 mm

### Options

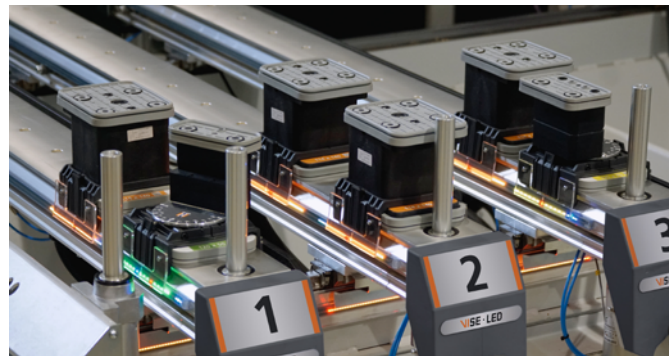
- additional double drilling spindle in X-direction
- Double drilling spindle in Y direction
- Grooving saw in Y-direction



## HIGHLY FLEXIBLE TABLE CONCEPTS

Versatile and Variable – the Table Variants of the EPCION Series

Table and clamping concepts for your complete range of applications. With variable table concepts ranging from the manual console table, the VISE LED table with visual support for console and suction cup positioning to the fully automatically positionable Synchro Drive table with synchronously moving console and suction cup holders. A wide range of tried-and-tested vacuum suction cups and clamping devices ensure that a wide variety of workpieces and materials are held securely.





## STANDARD CONSOLE TABLE

Plenty of space -  
even for extra-wide workpieces

Precise manufacturing requires exact and secure positioning of the workpieces. The EPICON series is equipped with a console table. It offers you high flexibility in all areas of machining, even complicated shaped workpieces can be fixed quickly and easily.

- 6 solid consoles with single-circuit vacuum system
- Both right-handed and left-handed users can easily operate the consoles pneumatically via rotary positioning wheel
- 4 pneumatic lifting and lowering loading aids for easy positioning of heavy workpieces





## STOPS & MULTI-FIELD MACHINING

The EPICON 7030 is supplied with a front and rear stop row as standard. This makes it easy to implement efficient 4-field processing. Of course, all stops are electronically monitored to prevent collisions with the milling unit.

- 1600 mm console length - ideal for large workpieces
- 1500 mm between the stops in the Y-direction

### UPGRADE OPTIONS:

As an option, the EPICON can be upgraded with a selection of additional stops for 6-field or 8-field machining.

- 6-field: Middle stop row
- 8-field: center stop row 2 additional stops in X-direction

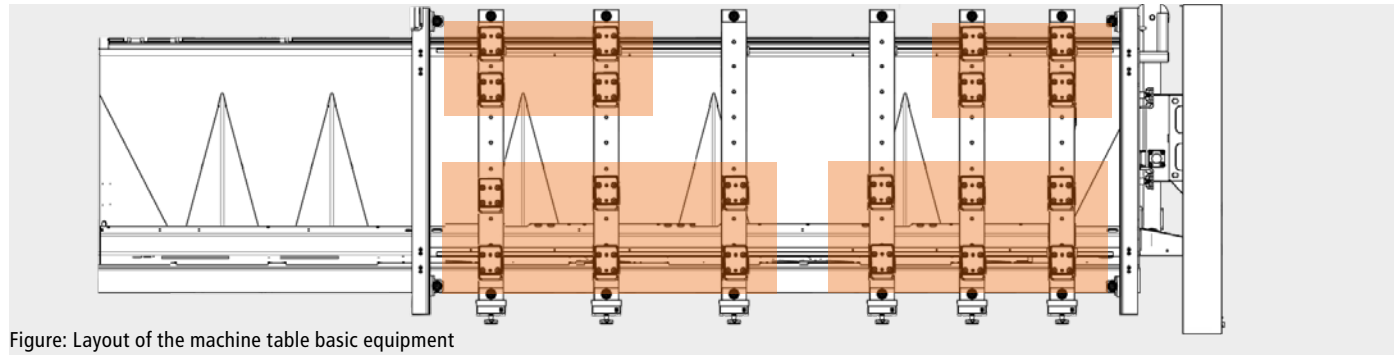


Figure: Layout of the machine table basic equipment

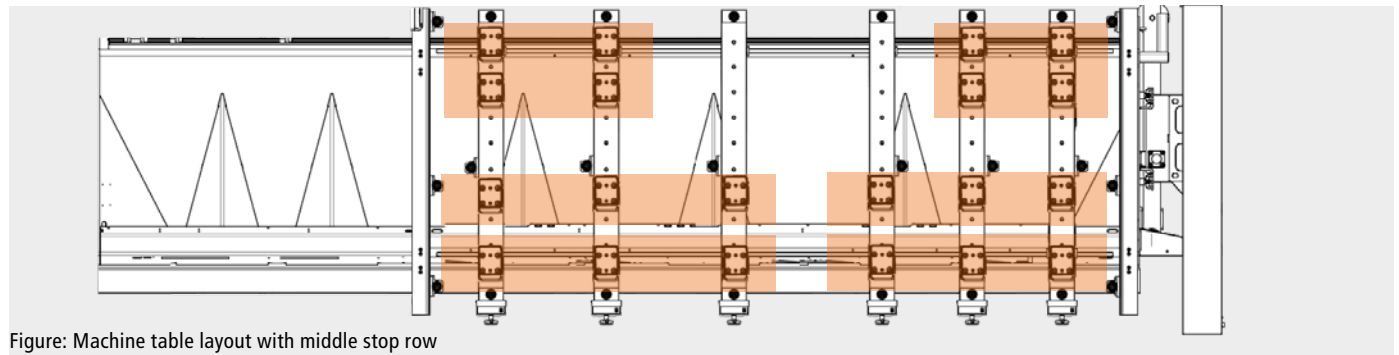


Figure: Machine table layout with middle stop row

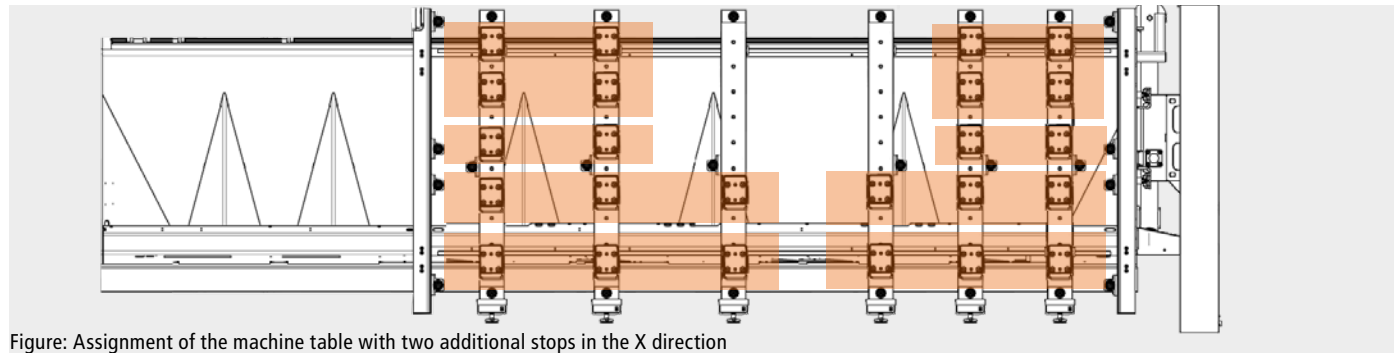


Figure: Assignment of the machine table with two additional stops in the X direction

## CONSOLES AND STOPS

The EPICON machine table is equipped with 6 solid single-circuit vacuum consoles with each machine size as standard.

### Upgrade options

#### ■ Additional consoles

Optionally, the machine table can be in pairs expanded by two additional consoles each become.

Especially when due to a breakup several partial areas are created, are additional Support surfaces make sense.

#### ■ Short parts stop bars

Pneumatically adjustable stop bars for positioning small workpieces in the X-direction. On the side, at the front of the machine table with a length of 450 mm.

1 x field A

1 x field D

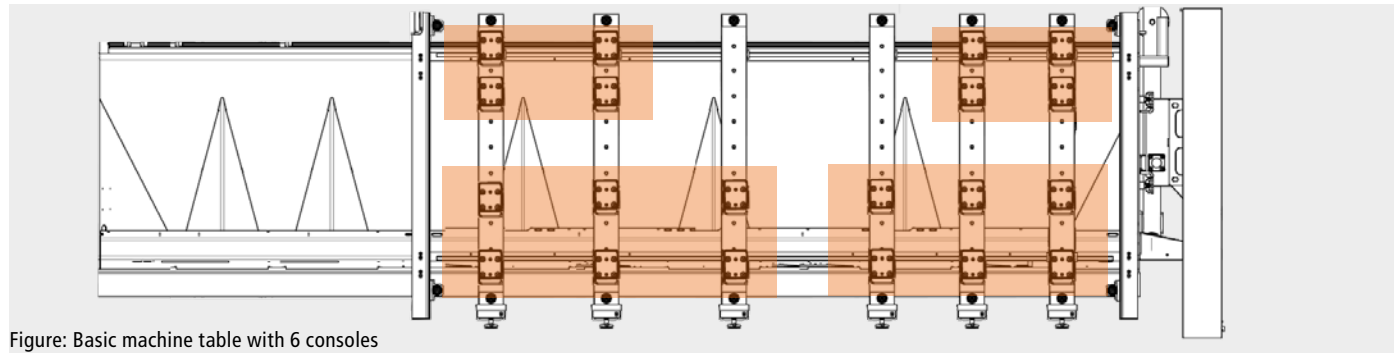


Figure: Basic machine table with 6 consoles

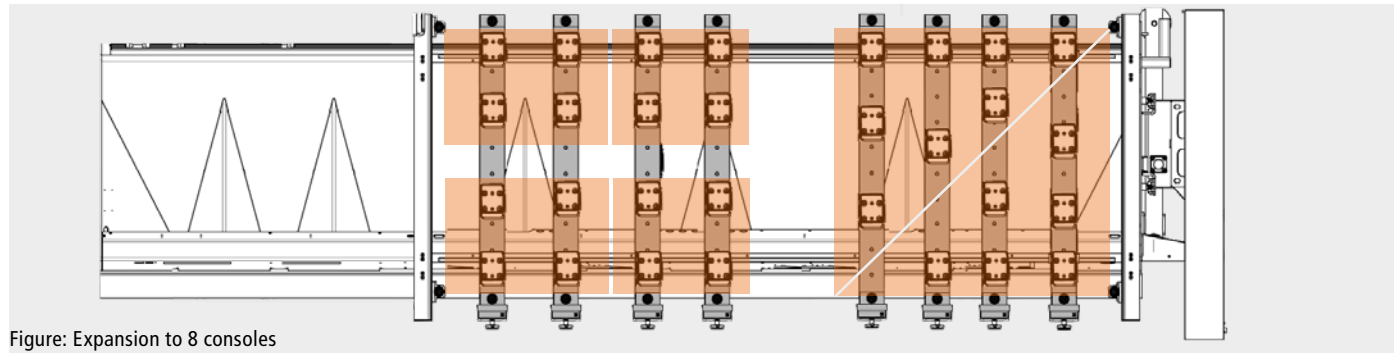


Figure: Expansion to 8 consoles



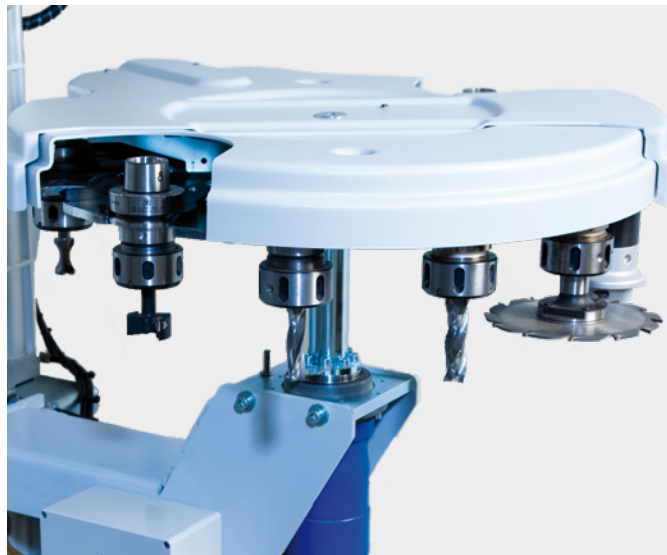
Figure: Stop bar



## TOOL CHANGER

Plenty of space for your tools -  
for different solutions and applica-  
tions

The EPICON can be equipped with a variety of automatic tool change options for a wide range of applications. The traveling 18-position carousel tool changer for short chip-to-chip times. You get even more tool positions with the 14-position or 24-position tool changer placed at the side.





## 14-FOLD LINEAR PICK-UP CHANGER

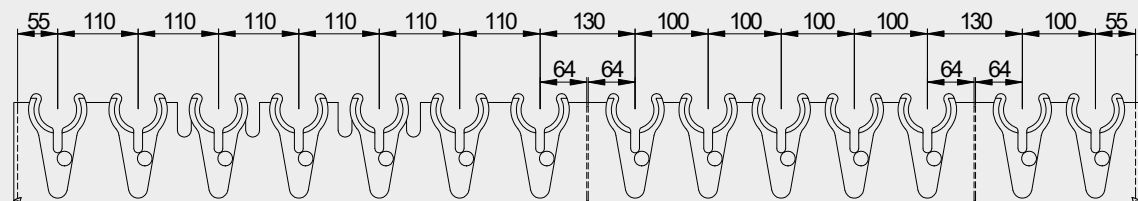
Linear Changer for Extensive  
Tooling



- Fixed installation – right side of machine
- Even more space for your tools

### MAX. Ø TOOL

- Place 1 – 6: Ø 110 mm
- Place 7 – 14: Ø 100 mm
- Maximum tool weight: 5 kg





## CAROUSEL TOOL CHANGER 18-PLACE TRAVELING

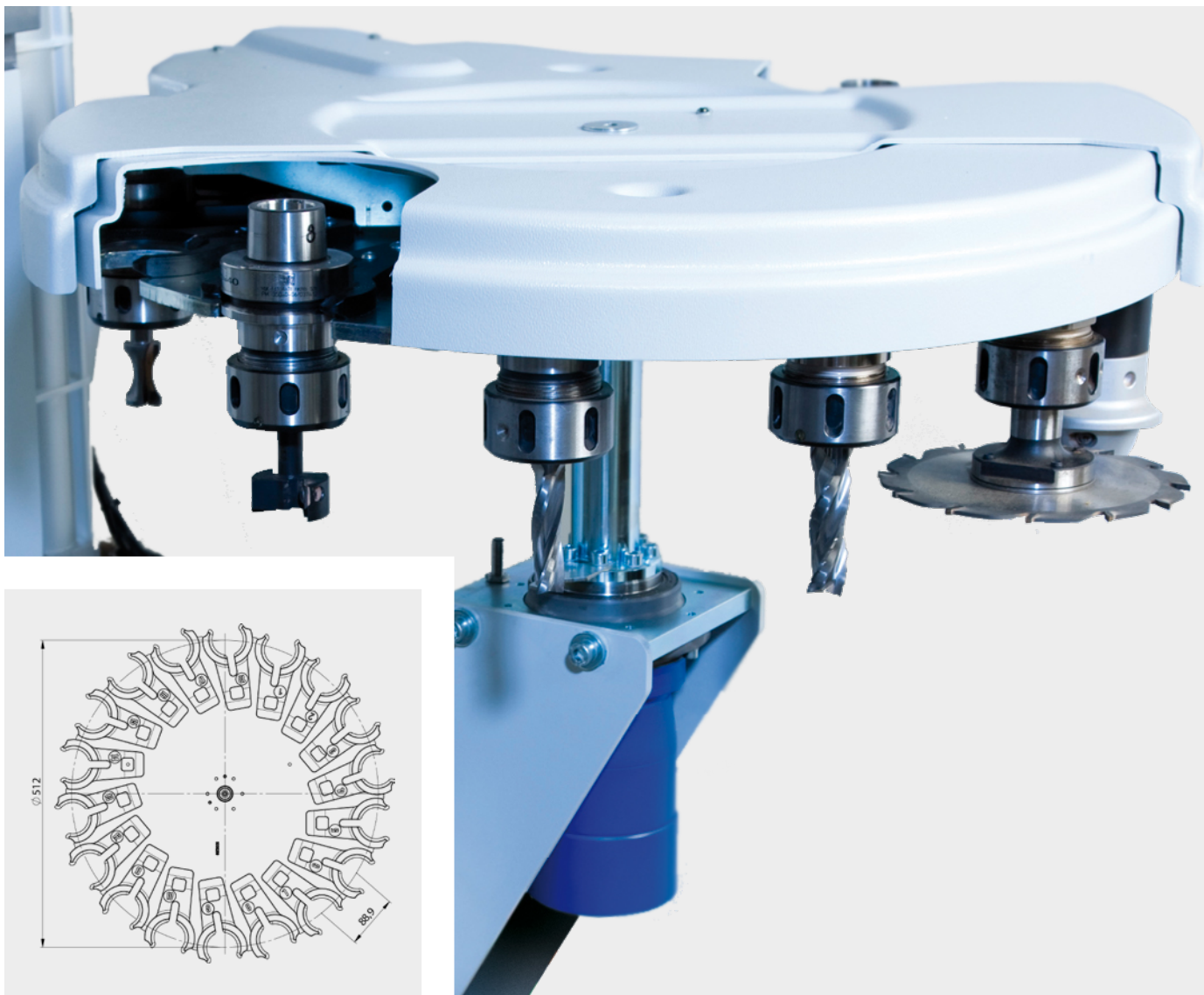
Mounted as standard with plenty of space for your tooling

The 18-position carousel changer, travels with the machine and ensures particularly fast tool changes thanks to its position on the machine arm. The selection is program-controlled and fully automatic.

- Automatic traveling 18-place carousel tool changer
- Short chip-to-chip time

### MAX. Ø TOOL

- When fully occupied Ø 80 mm
- Tools up to 300 mm are possible when leaving adjacent spaces free
- Max. Tool length incl. HSK holder: 250 mm
- Maximum tool weight: 5 kg



## 24-POSITION CAROUSEL TOOL CHANGER

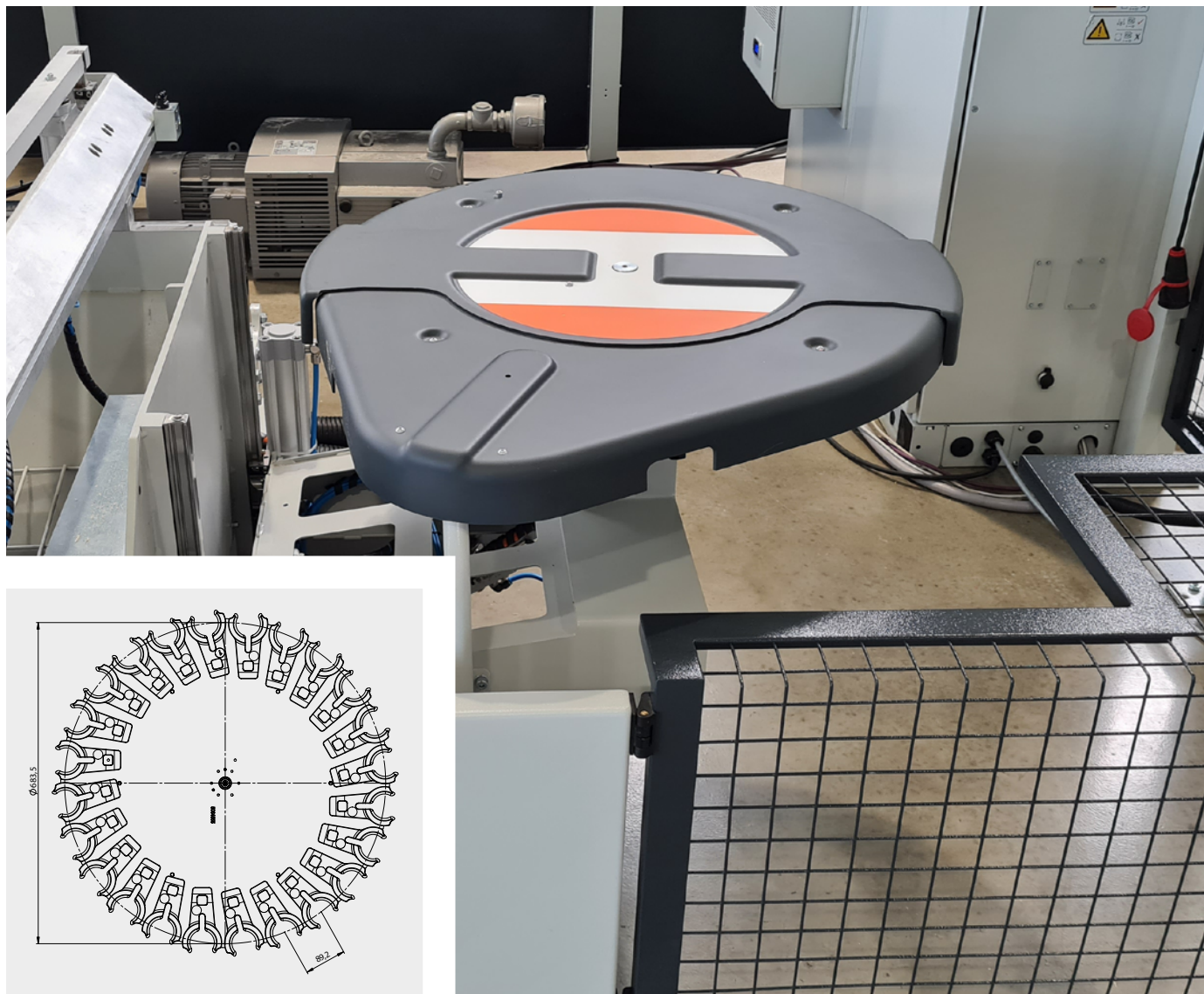
Plenty of space for all tooling

The permanently installed changer is mounted on the side of the machine bed and offers space for 24 processing tools with HSK holders.

- Fixed installation - right side of machine

### MAX. Ø TOOL

- When fully occupied Ø 80 mm
- Tools up to 300 mm are possible when leaving adjacent spaces free
- Max. Tool length incl. HSK holder: 250 mm
- Maximum tool weight: 5 kg

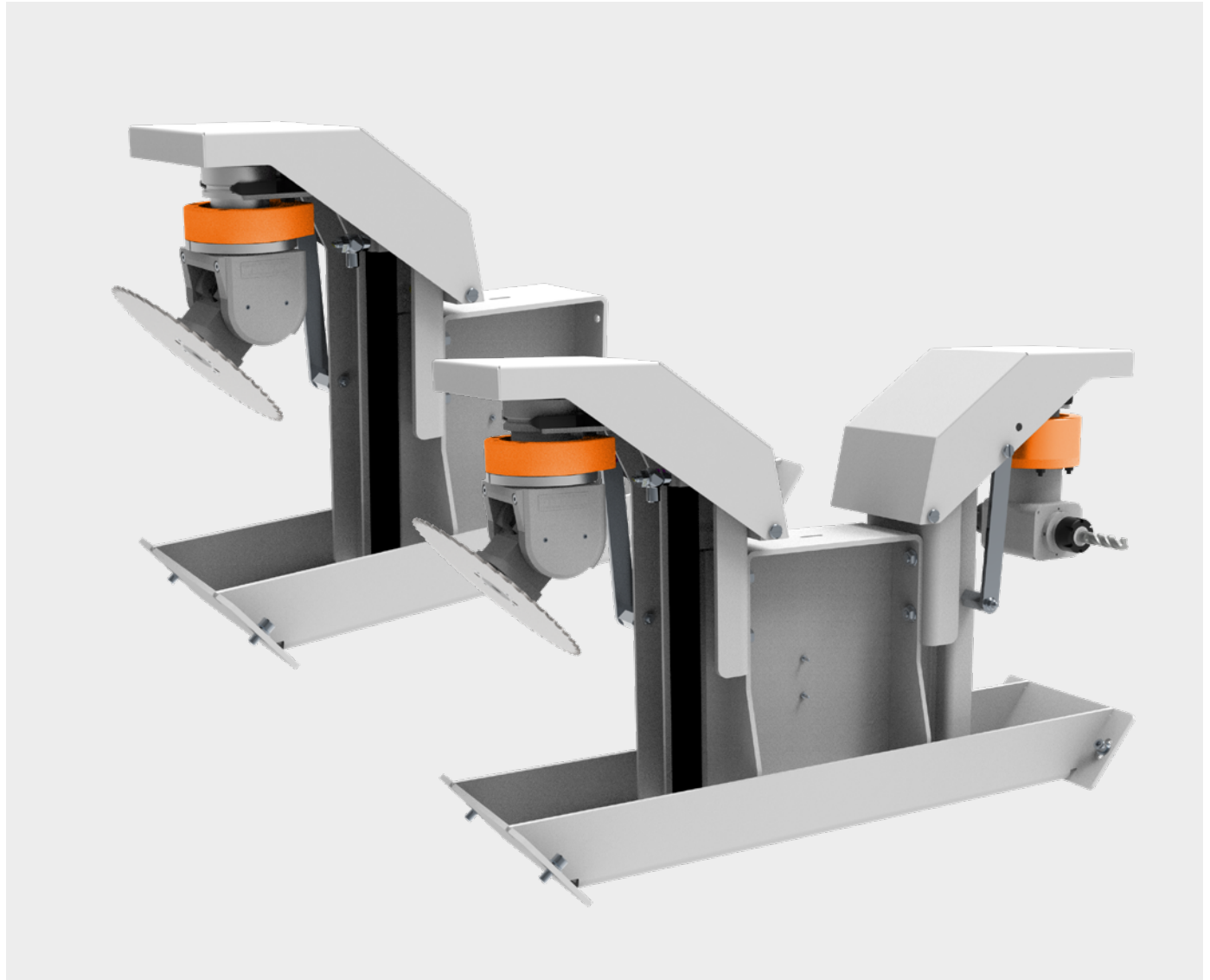


## AGGREGATE PICK-UP CHANGER

For large/heavy interchangeable units, who otherwise have no space

4-axis CNC requires changing units for different applications. With the additional pick-up changer you have a defined place for these aggregates.

- Available with one or two storage spaces
- Ideal addition for your C-axis

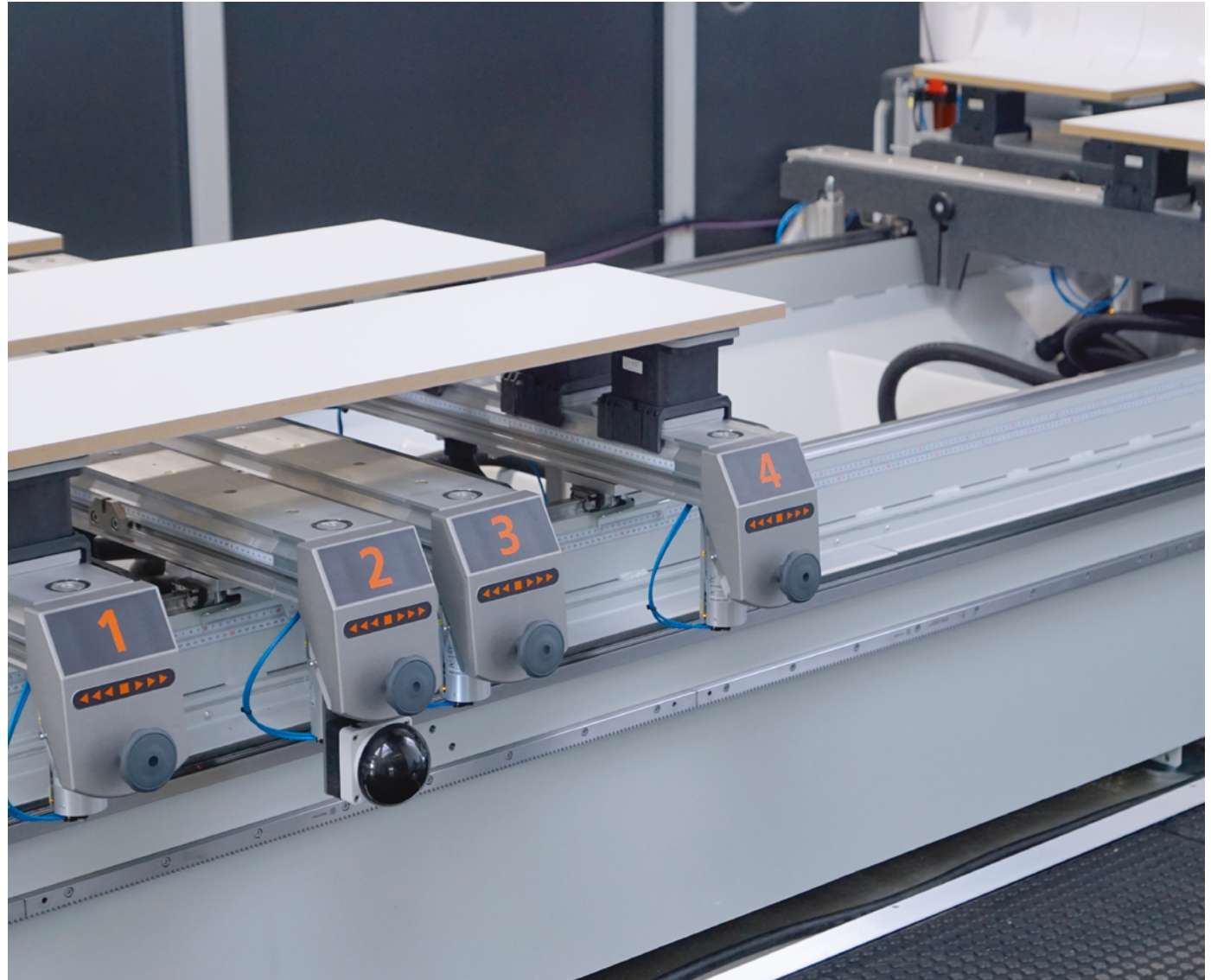




## EFFICIENT VACUUM TECHNOLOGY

Extremely high performance, efficient vacuum pumps ensure workpiece is held securely. These low maintenance, dry-running pumps are also distinguished by their low noise emissions and extremely low maintenance requirements.

When using several vacuum pumps, the intelligent vacuum control ECO VAC controls the required vacuum output based on the software and thus saves you valuable energy.





## ROTARY VANE PUMPS DRY RUNNING

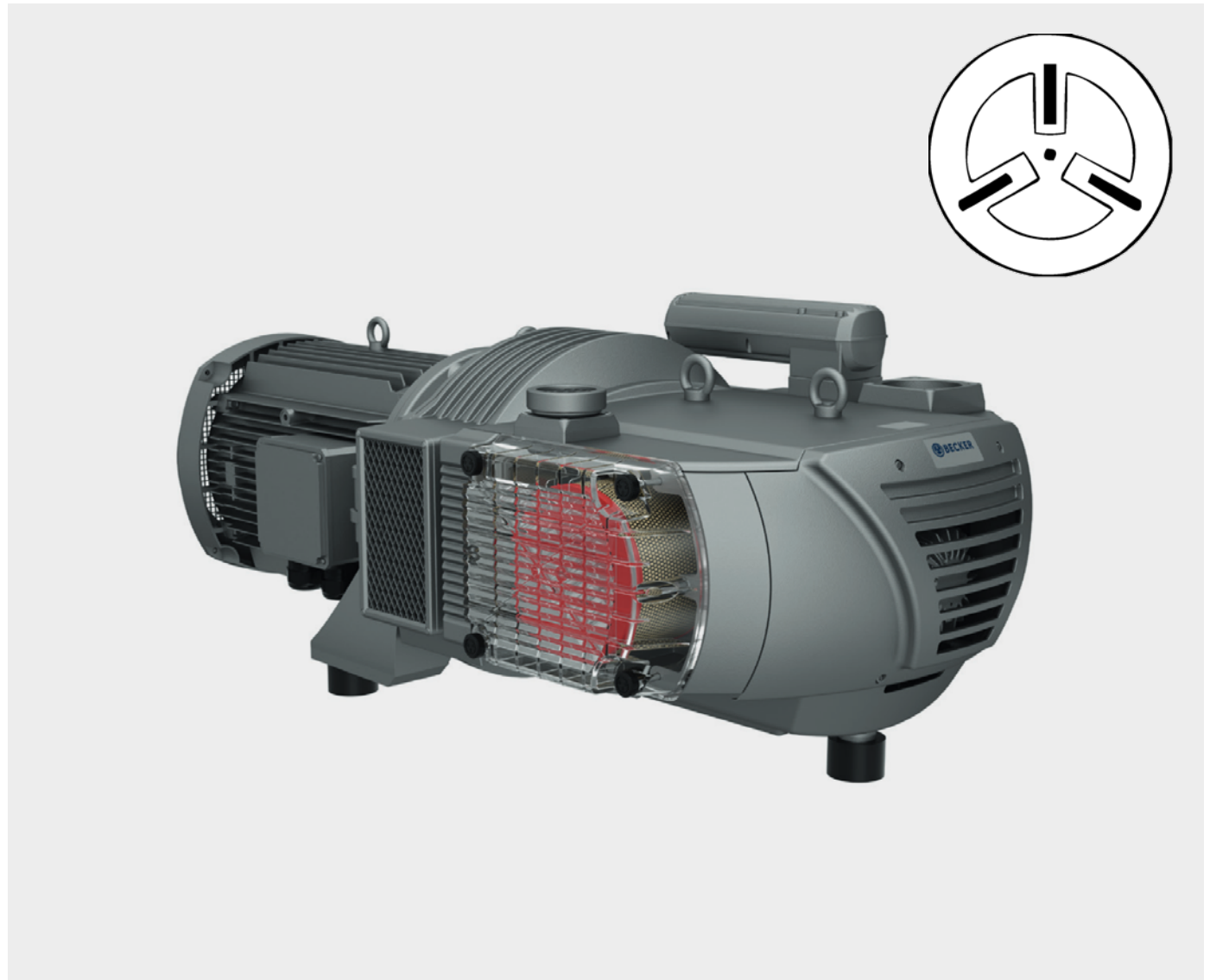
Highest Working Strength and  
Extremely Long Service Life

- Excellent efficiency
- Low energy consumption

100 m<sup>3</sup>/h

140 m<sup>3</sup>/h

250 m<sup>3</sup>/h

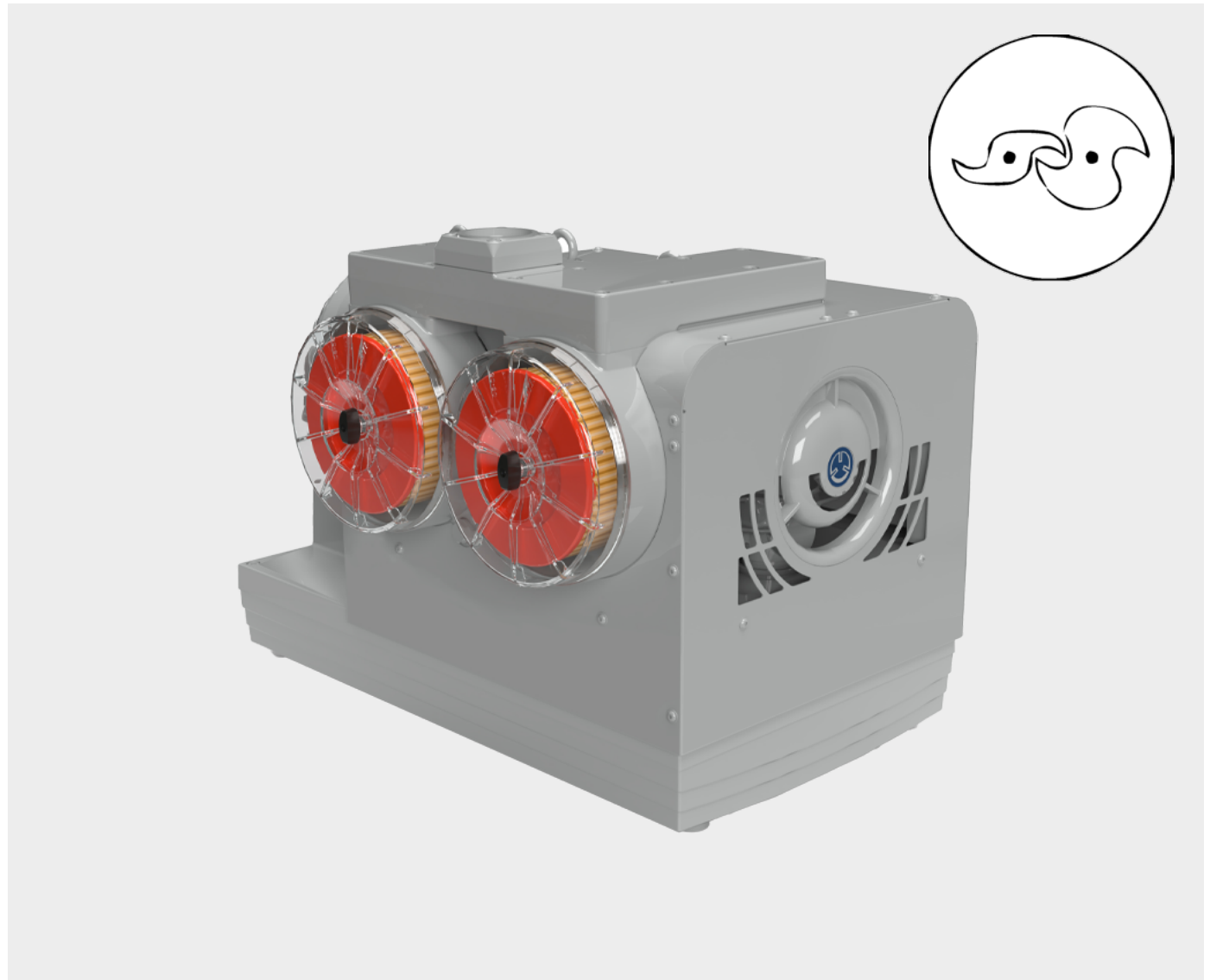


## CLAW PUMPS DRY RUNNING

Ideal for High Altitude Regions

- Very high efficiency
- Low noise
- Low maintenance due to wear-free claw technology

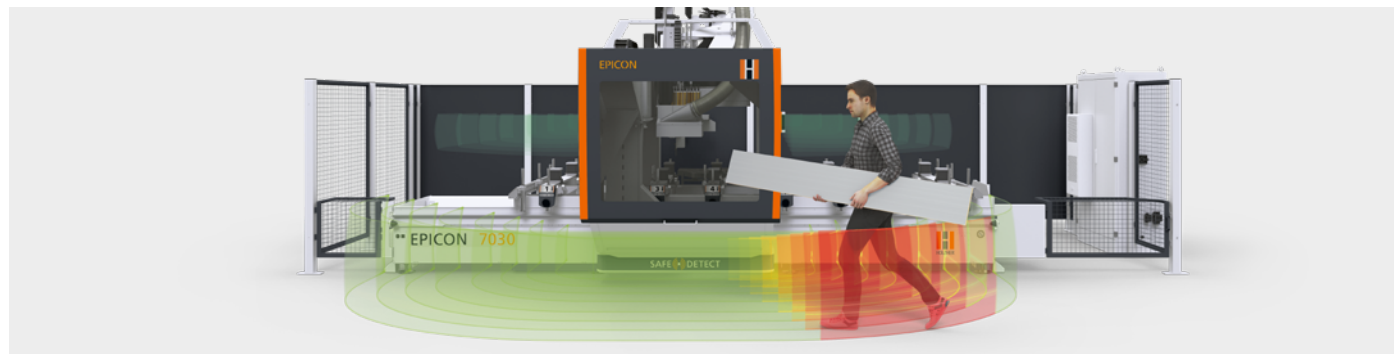
275 m<sup>3</sup>/h





## VARIABLE SAFETY CONCEPTS

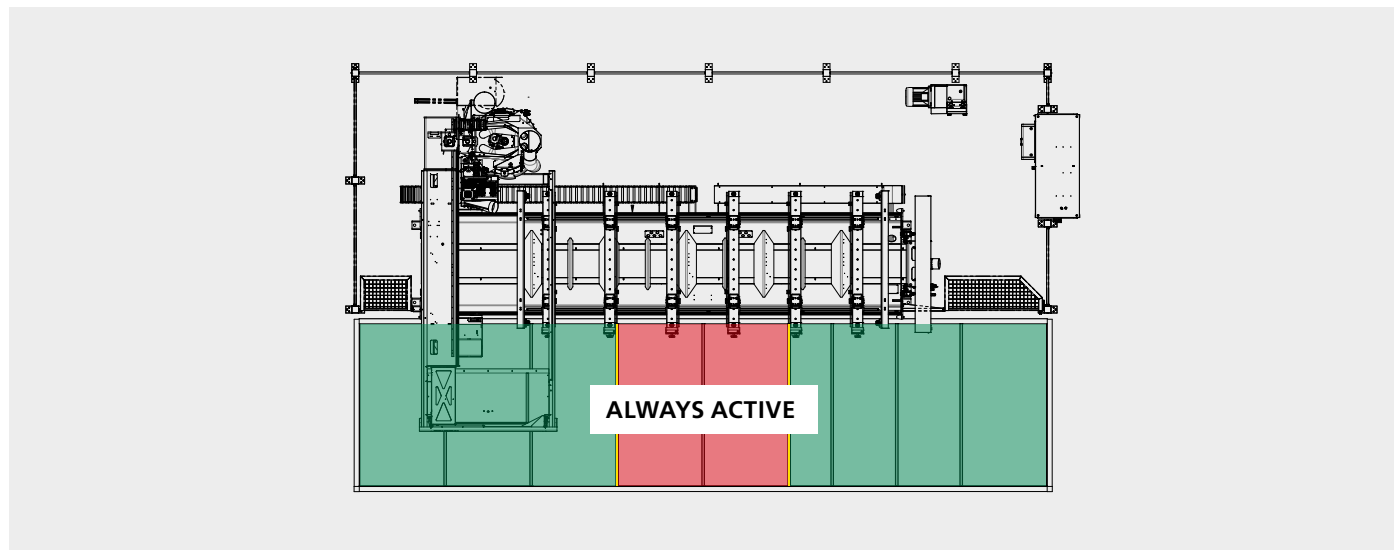
Safety and flexibility for the operator have absolute priority. With the EPICON 7030, you can choose between the extremely robust multi-field tread mats, side-mounted light barriers or non-contact safety monitoring with sensors.





## MULTI-FIELD SAFETY MATS

The highly sensitive 3-field safety mat opens the door to a considerable increase in performance and great economic efficiency. This is because it allows workpiece removal and loading on one side while the workpiece continues to be machined on the other side of the machine table. The concept allows machining at maximum feed rate. In addition, the safety mat is completely maintenance-free and can be driven over with a forklift.





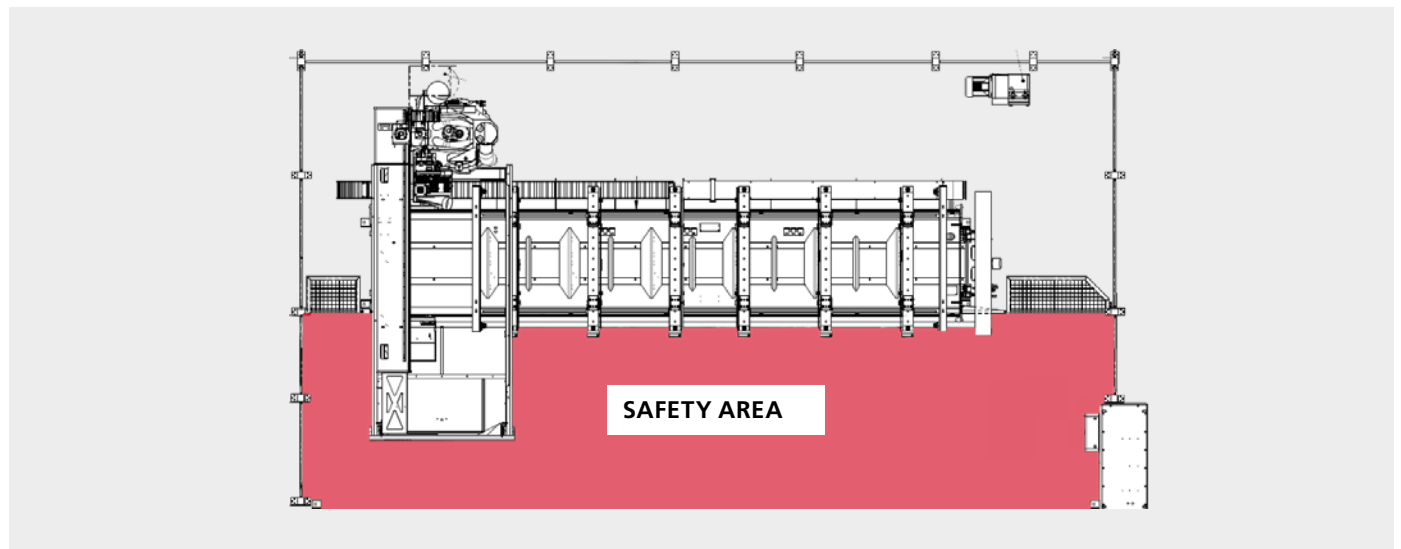


## LIGHT BARRIERS

The standard light barriers in the front of the machine enable full feed speeds and unhindered access when loading the machine.

If the light curtain between the two elements is interrupted, the machine stops immediately.

As soon as the operator has left the safety area, the program can be continued from the point at which it was previously stopped.

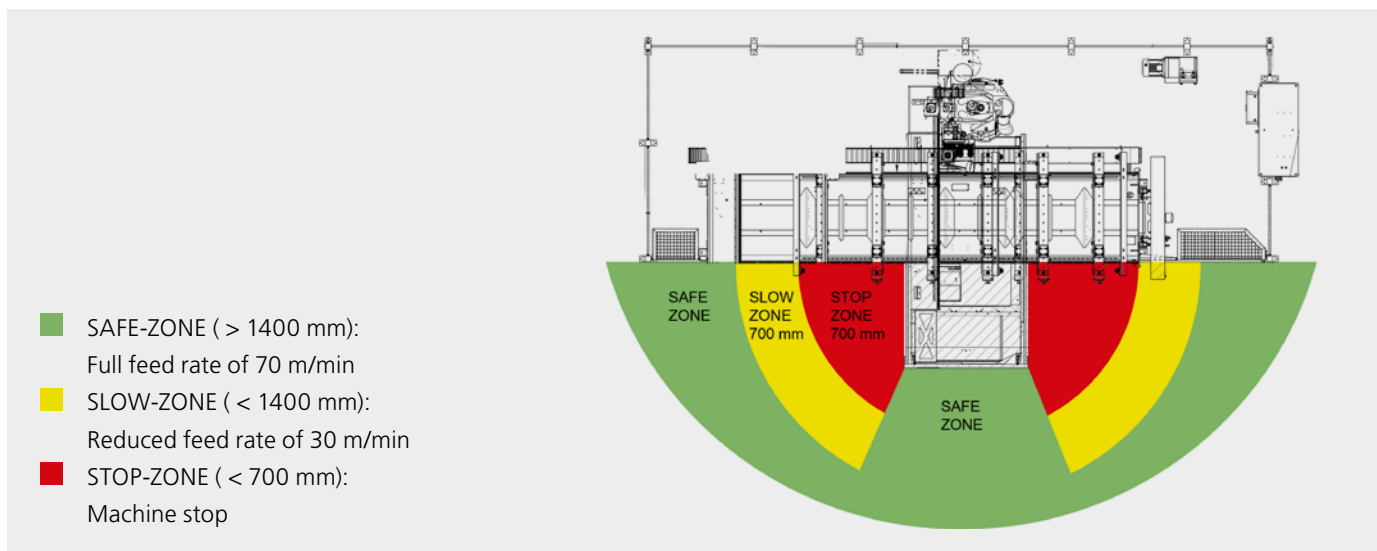
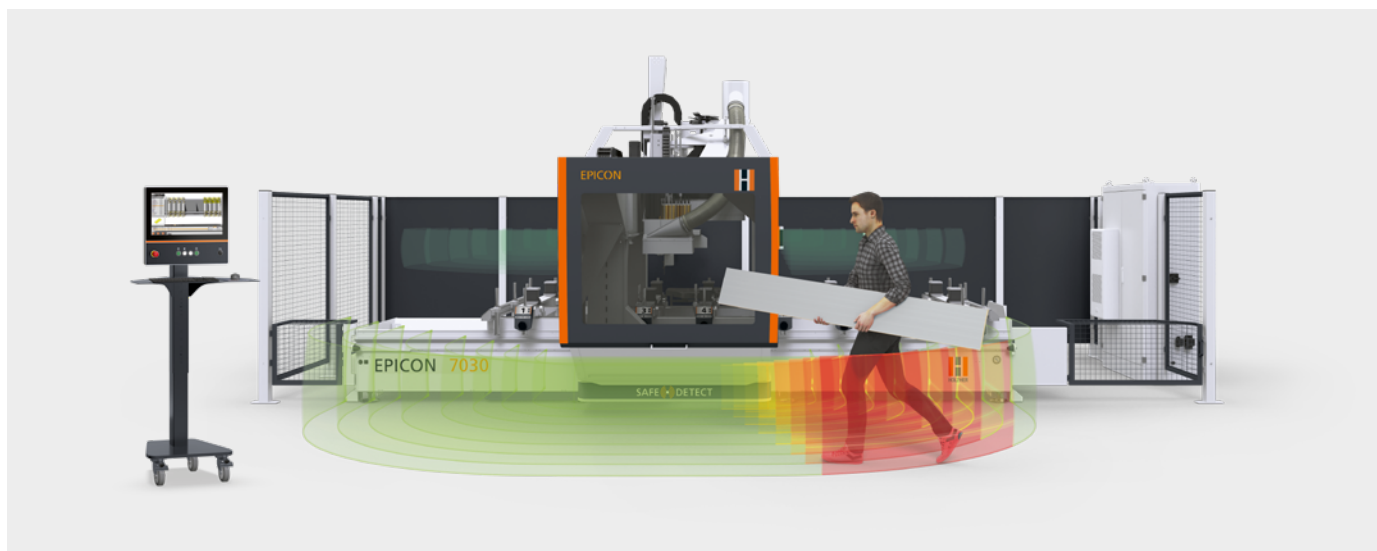


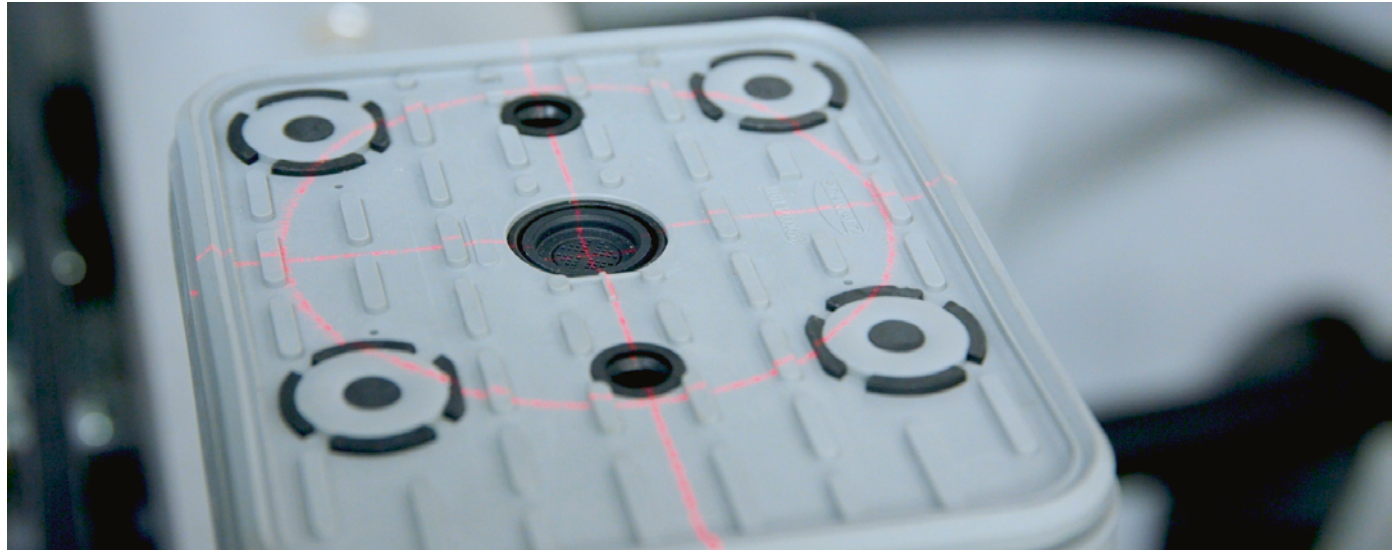
## SAFE DETECT

State-of-the-art sensor technology offers safety and freedom of movement for the operator thanks to automatic person recognition with distance control. The optional SafeDetect technology makes the EPICON freely accessible.

Smooth and efficient pendulum operation is also ensured with maximum feed speed. For perfect all-round protection, both the space above the machine table and the environment in front of the machine are monitored. Accruing chips or dust do not pose a problem for the sensors.

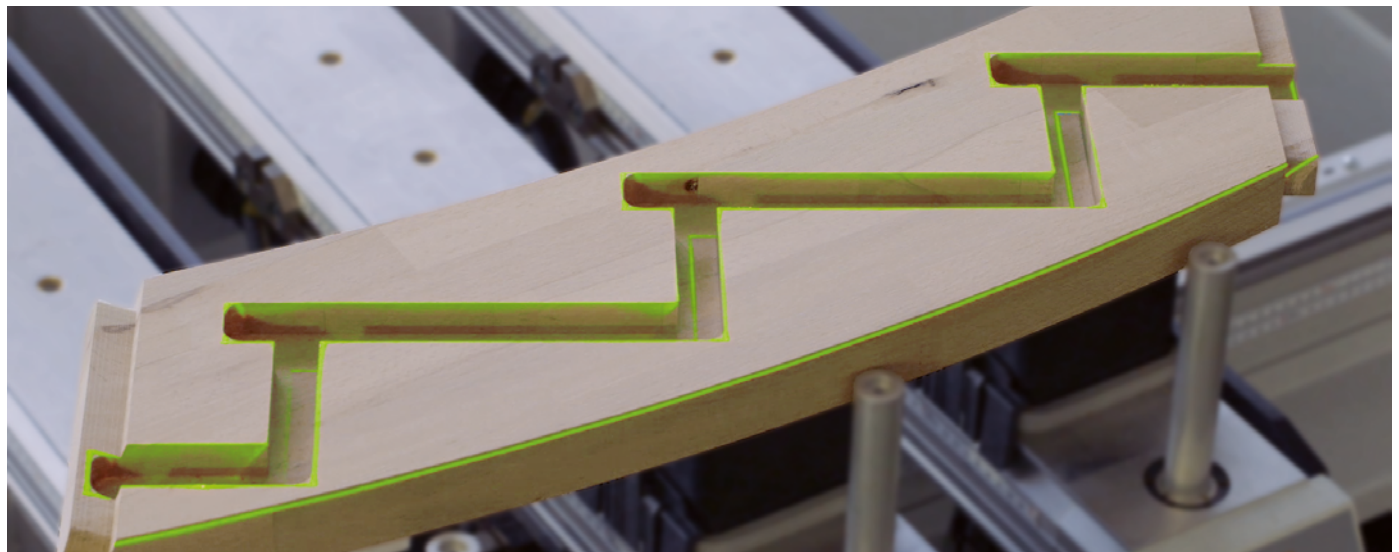
Laser lines also show the operator the safety area of the moving machine bonnet. In addition, a modern safety fence protects access to the working area of the machining centre from the side and from the rear.

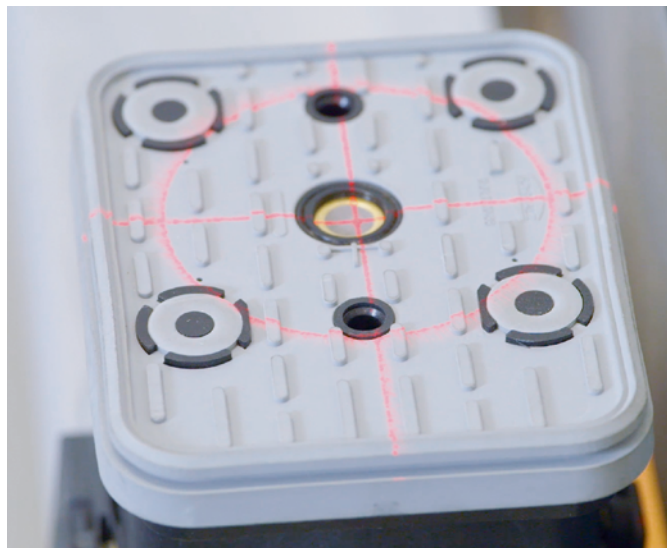
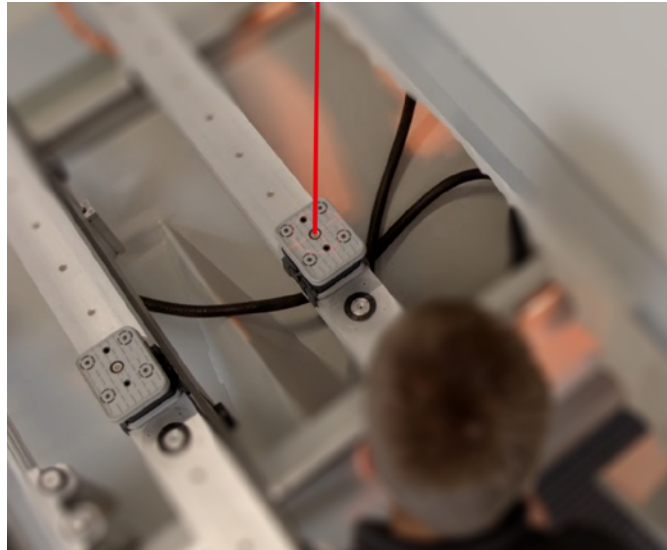




## WORKPIECE AND SUCTION CUP POSITIONING

The sophisticated CAMPUS/NC-Hops software package automatically determines the optimum position for the clamping devices, which is displayed by means of a laser pointer. For complex parts, the contour can be traced with the laser beam. As an option, a ceiling laser system is available for simultaneous display of all vacuum cups or clamping elements as well as for imaging complete workpiece contours.



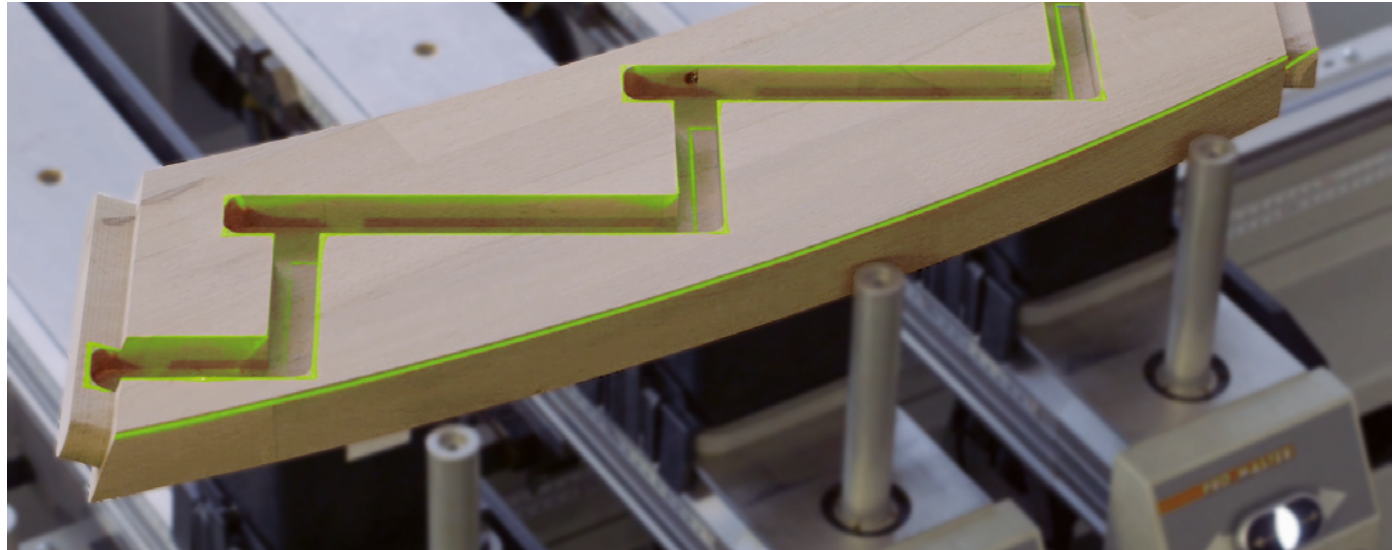


## LASER POINTER AS STANDARD

Laser pointer for precise positioning of the vacuum cups or for tracing the workpiece contour, each mounted on the right and left of the processing head.

- Single position display of vacuum cups

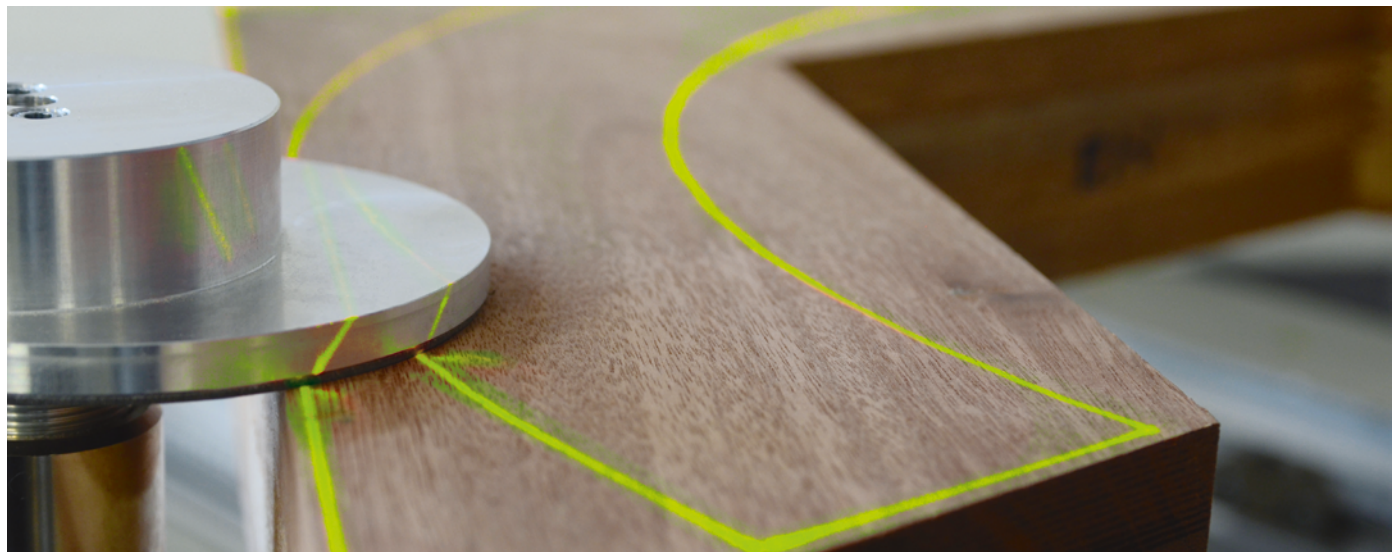




## CONTOUR LASER

the comprehensive positioning  
solution

With the contour laser, complete workpiece contours, cutouts and all required vacuum suction cups can be displayed simultaneously as well as all console positions without limitation on the number of lines to be projected as a laser projection.





## VACUUM SUCTION CUPS

A variety of sophisticated and practical vacuum suction cups allows the EPICON to be adapted to any challenge. In this way, you can handle not only furniture construction but also the perfect processing of solid wood parts and construction elements.



**VACUUM SUCTION CUPS  
WITH AND WITHOUT SENSING VALVE**



**VACUUM SUCTION CUPS FOR SOLID WOOD**

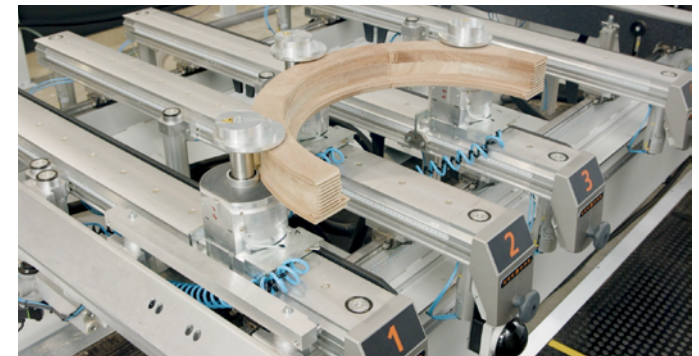
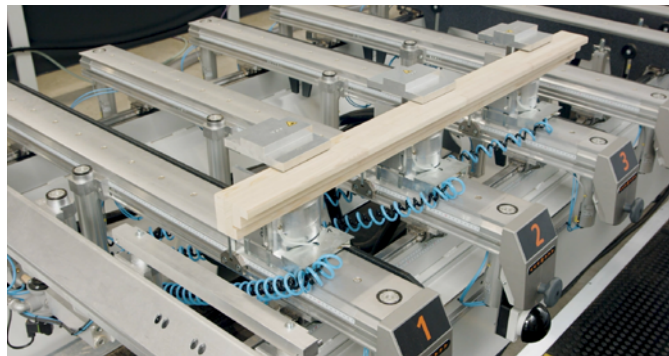




## UNIVERSAL CLAMPING SYSTEMS

### Ideal clamped components

Where complex connections are created maximum precision is required. This is ensured by systems of coordinated workpiece clamps for surface machining of straight and curved frame components.



## CLAMPING SYSTEM WS8

For horizontal clamping of frames and small parts

Basic set consisting of 2 x WS8 frame clamps and 2 x foot pedals for control incl. 2 additional electronically monitored stops in X-direction (1 x field A; 1 x field D) on lateral console.

- Expandable by max. 8 x WS8 frame clamps
- Clamping range: 0 - 100 mm or 0 - 200 mm





## CLAMPING SYSTEM WS15 (TYPE H)

Frame clamp for clamping  
straight frame components

Ideal for processing longitudinal profiles on  
frame parts.

- Incl. Stop and 2 holders for position indexing
- Actuation via toggle switch or controlled pneumatic module
- Clamping range: 36 - 120 mm | 46 - 135 mm



## CLAMPING SYSTEM WS15 (TYPE O)

Ideal for clamping curved frame components

With the flexible O-clamps, both shaped parts and round bends can be securely clamped on the machine.

- Incl. Stop and 2 holders for position indexing
- Actuation via toggle switch or controlled pneumatic module
- Clamping range: 36 - 120 mm | 46 - 135 mm



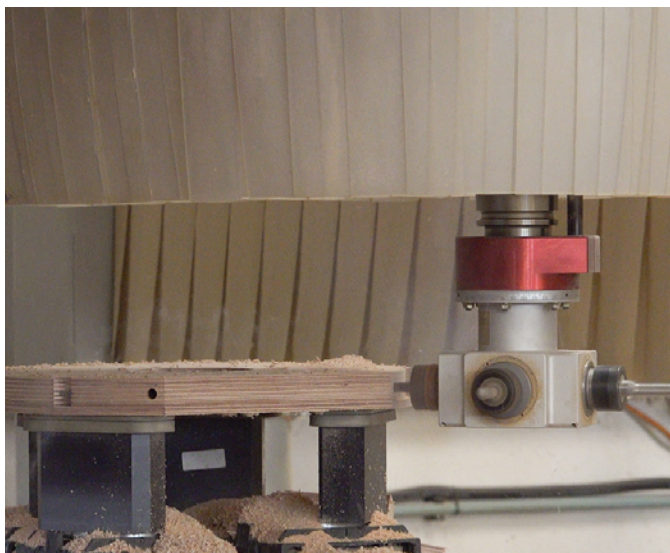


## INNOVATIVE EXCHANGE UNITS

Your head start for high product quality

A wide range of interchangeable units for various applications are available for all machines of the EPICON series. These range from conventional multi-spindle machines, lock case and touch probe units to special applications such as hollow chisels and cutting units for the machining of foam materials, etc. In addition, ball gauges ensure precise measurement of workpiece length, workpiece depth and material thickness, including position correction of the workpiece in the machining program.

In combination with the C-axis, all units can be freely rotated through 360°.





## LOADING AIDS

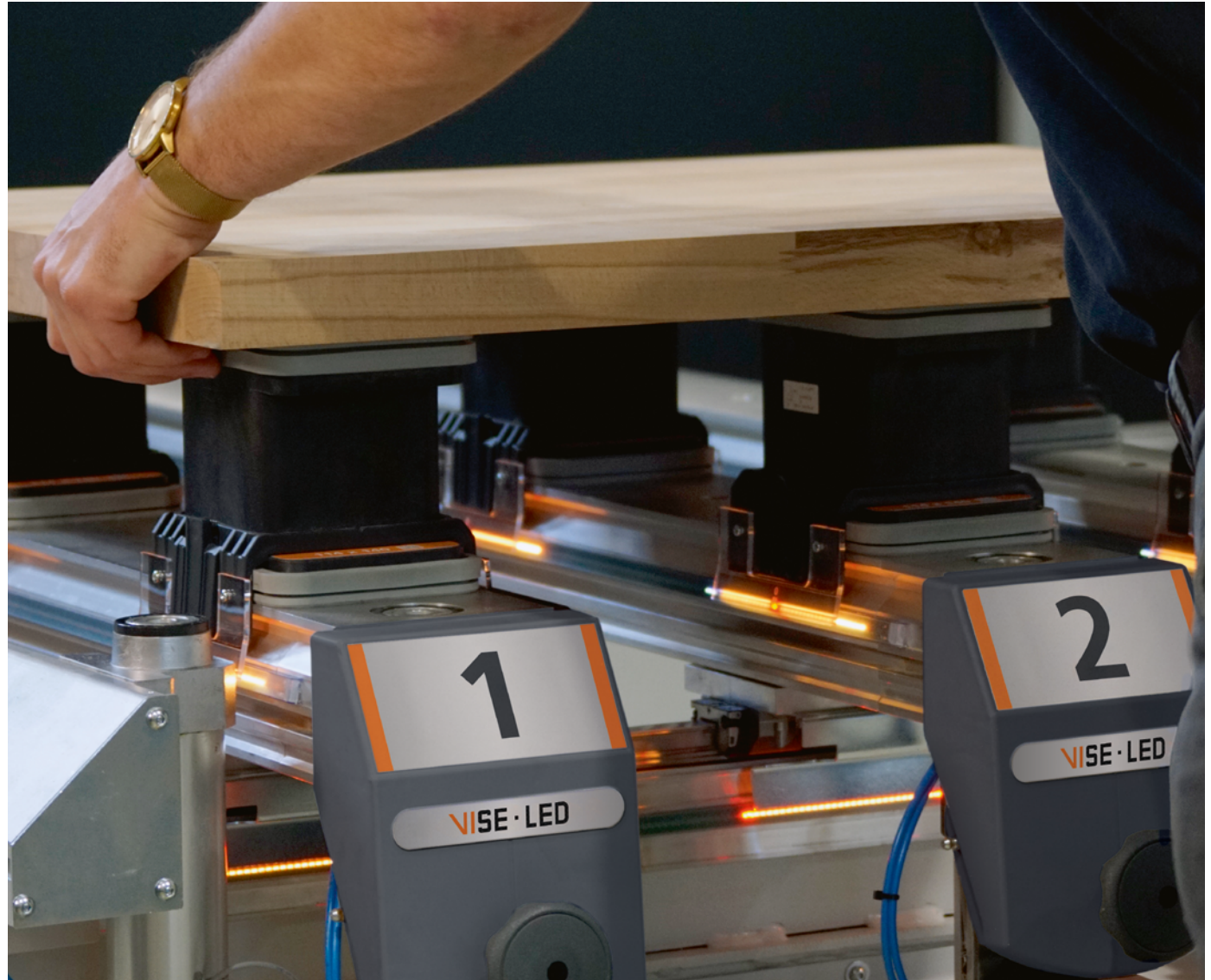
Even in the basic machine, the EPICON series is equipped with loading aids for convenient and gentle loading and unloading of the machine table.





## WISE LED TABLE

At HOLZHER, VISE stands for Visual SETting, providing visual support for the machine operator when setting up the machine. The virtual work-piece positioning feature provides an optimum recommendation for the position of the consoles and suction cups. Naturally the tools used, as well as the passages, pockets and other machining features are taken into consideration. The HOLZHER LED table with Visual Setting ensures extremely fast, error-free and reliable setup while avoiding machining errors and damage to the suction cups.





## PRACTICAL VISE LED VACUUM SUCTION CUPS

A variety of sophisticated and practical vacuum suction cups allows the EPICON to be adapted to any challenge. In this way, you can handle not only furniture construction but also the perfect processing of solid wood parts and construction elements.

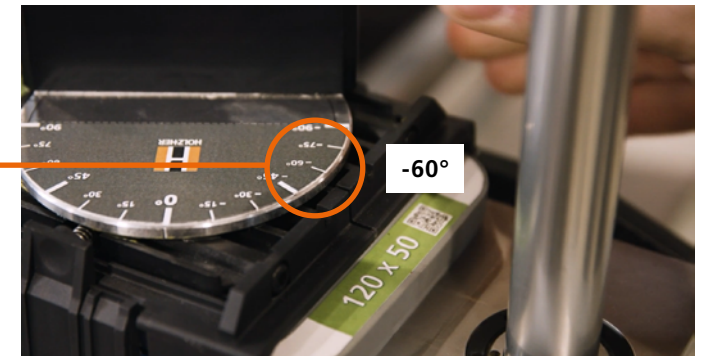






## ROTATABLE VACUUM SUCTION CUP

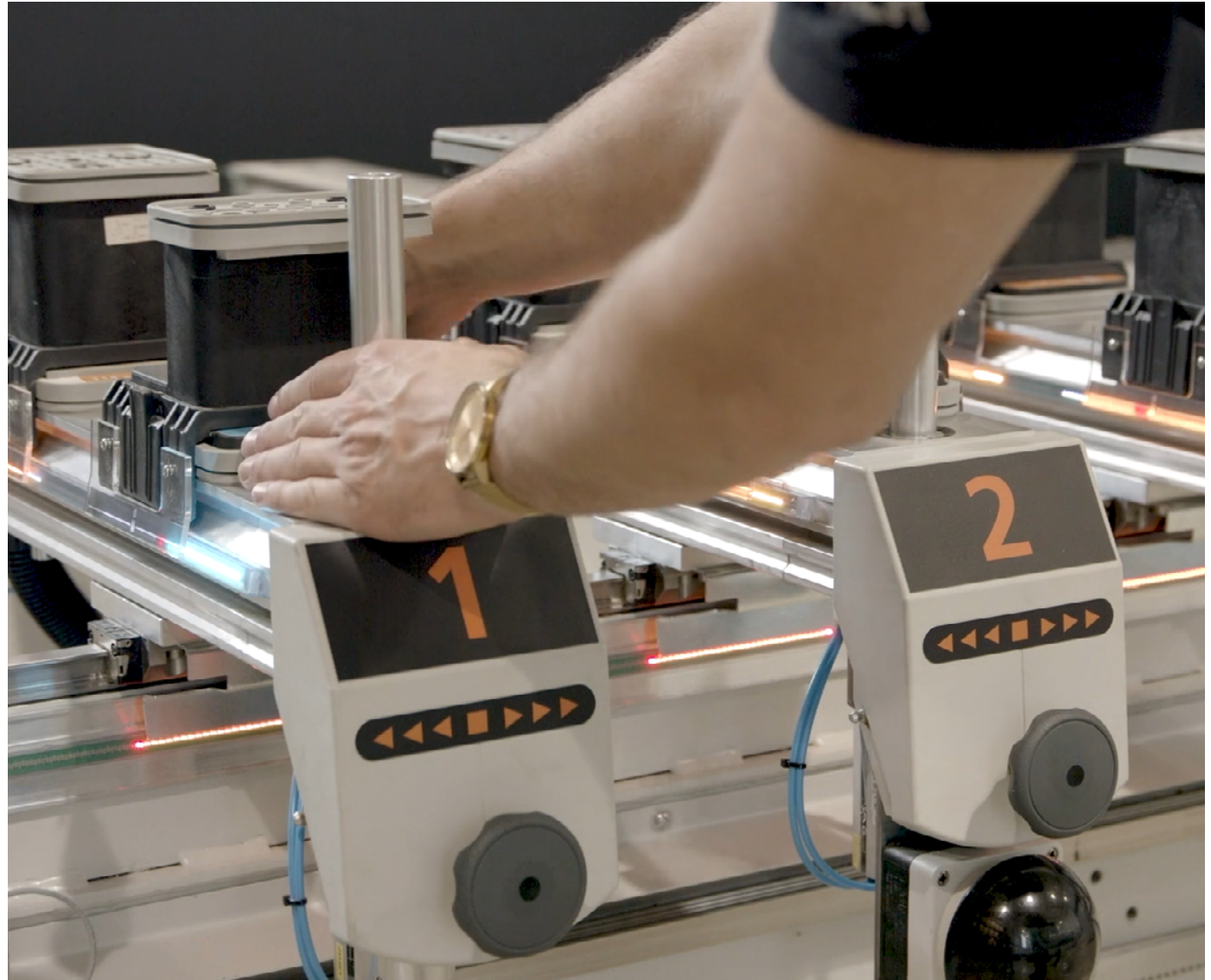
Another real highlight of the VISE LED table is the exact display of the rotation angle for rotatable suction cups. The angle can be easily read off in 15-degree increments via the scale and transferred to the rotation of the suction cup. This makes positioning the suction cups child's play, even with freeforms.





## INTELLIGENT OPERATION

A wide variety of suction cup and console configurations can be positioned quickly and intuitively via the visual LED display. If a setting needs to be changed or the machine table needs to be equipped with other vacuum cups, flashing LEDs indicate which ones need to be repositioned.



## SYNCHRODRIVE MACHINE TABLE

State-of-the-art production technology with up to 50 servo-axes. For high speed, precise and reliable suction cup positioning on workpieces with varying sizes:

- Optionally available with six to ten consoles and three or four suction cup assemblies per console
- Each console and each suction cup assembly has its own high precision servo-motor for positioning
- Up to 50 servo-axes on the SynchroDrive table are synchronized, controlled and positioned to reduce table set-up times to an absolute minimum while simultaneously ensuring exact positioning of the consoles and suction cups on the table
- Various suction cup sizes as well as special suction cups for solid wood and frame clamps adapt the SynchroDrive table to every application







## PRACTICAL SYNCHRO DRIVE VACUUM CUPS

A wide range of sophisticated and practical vacuum cups allows the EPICON to be adapted to any challenge. Thus, in addition to furniture construction, you also do the perfect processing of solid wood parts and structural elements.





## UNIVERSAL CLAMPING SYSTEM WS20

For processing straight frame  
components on the EPICON

The WS20 clamping system for the Synchro Drive table makes the EPICON series universally applicable. Whether furniture components and doors in shuttle operation or in component production.

- Frame clamp for straight strips and profiles
- Also for large cross sections and high chip removal rates
- Clamping range: 12 - 80 mm | 38 - 106 mm
- Mechanically mountable on the front row of Synchro Drive vacuum trucks

