

## **EUROMod<sup>®</sup>**

### **The compact one**

- high stability in the X-axis
- large passage height
- movable Y-axis, optimal material change
- available in three sizes



*EuroMod<sup>®</sup>MP30 with VakuFit - L  
Vacuum clamping table (optionally  
available)*

## **EuroMod® | The compact one**

The CNC milling machine EuroMod is a ready-to-connect CNC system offering a high operating comfort for a variety of tasks and applications. The mechanical basis is formed by stable, low-vibration components made of aluminum-steel connections. The ball screw drives without clearance used in the linear axes ensure a high levels of accuracy. During the development of the EuroMod CNC milling machine, special emphasis was placed on a small footprint.

The maintenance-free servomotors used are ideally matched to the mechanics, power electronics, and controls. A number of powerful milling spindles from our range are available for the EuroMod. The milling spindles are used in standard 3-axis applications, but 3 + 2-axis machining equipped with a turn-swivel unit is no problem for the EuroMod.

### Features

- powerful isel control with maintenance-free servomotors
- reliable LES units with steel ball screws installed as drives
- easy to use thanks to the height-adjustable CNC panel
- network-compatible control PC with WINDOWS
- parallel sliding door
- clamping of the workpieces by means of a T-slot plate

### Options

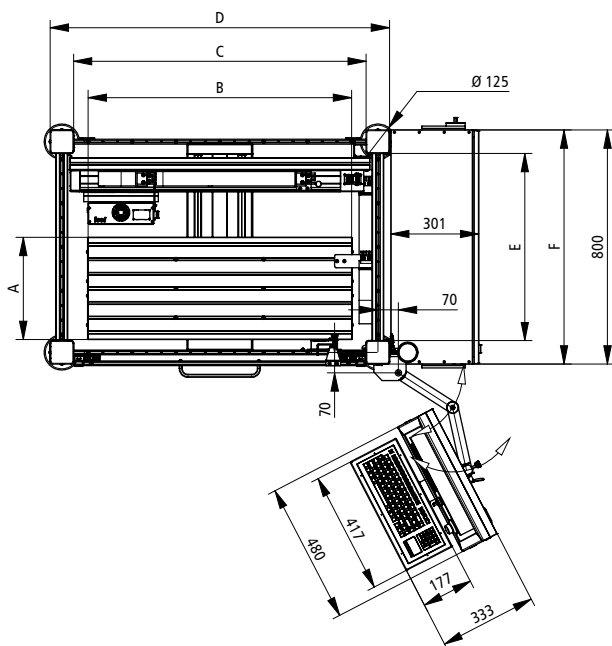
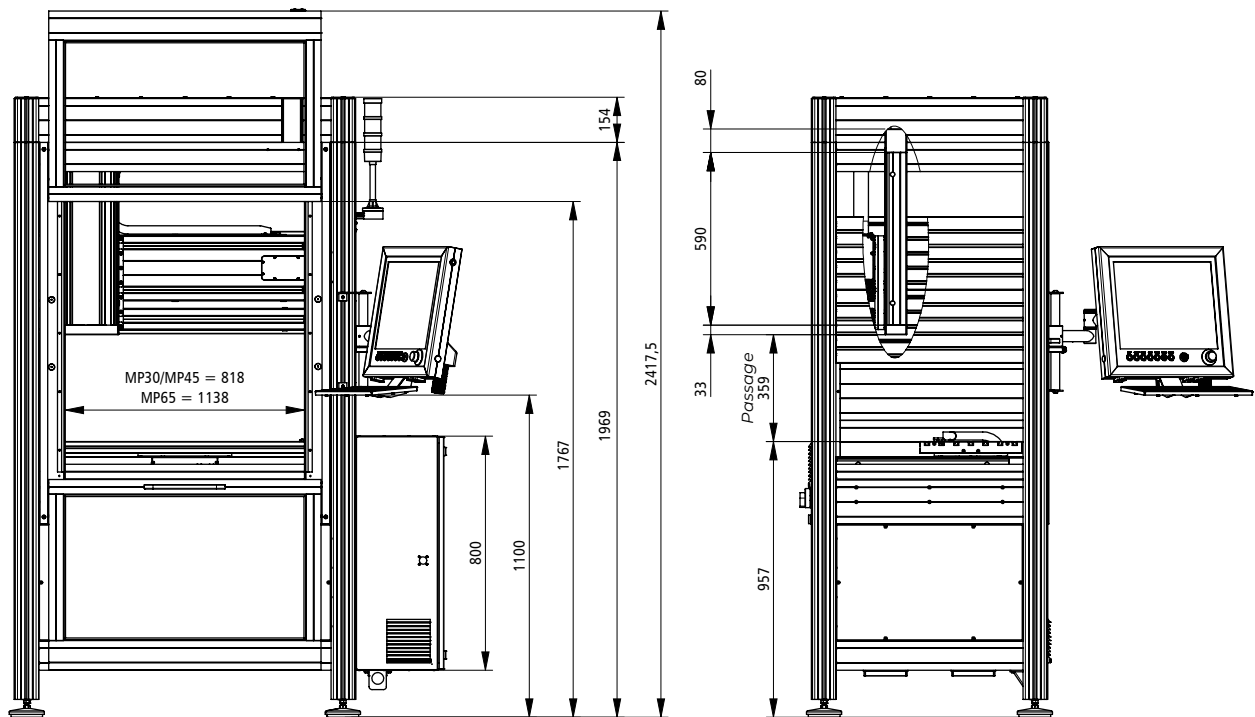
- iSA milling spindles and water-cooled HF milling spindles
- round and linear tool changing stations
- cooling spray device
- cold air cooling Cool-Min
- automatic tool length measurement
- mill breakage control
- electronic handwheel
- pneumatic sliding door
- rotation units
- safety light curtain
- closed and/or light-tight hood for laser applications
- hood attachment with increased portal passage
- workpiece clamping systems (vacuum tables, etc.)
- extraction systems
- LED engine room lighting
- PC control panel with free PCI slots (for the use of external PCI hardware)
- interface adjustments
- CAD/CAM software

### Technical data

EuroMod®	MP30	MP45	MP65
Travel ranges X/Y [mm]	610/300	610/470	910/650
Z stroke [mm]*		300	
Z passage [mm]*		365	
Table clamping area WxD [mm]	900 x 350	900 x 500	1200 x 700
Dimensions WxDxH [mm]	1205 x 845 x 2123	1205 x 1155 x 2123	1525 x 1555 x 2123
with switch cabinet & open door	1488 x 845 x 2418	1452 x 1155 x 2418	1772 x 1555 x 2418
Travel speed X/Y/Z		max. 15 m/min.	
Drive motors	Maintenance-free EC/AC servomotors		
Drive elements X/Y/Z	Ball screw drive, set without clearance		
Control	CAN controller iMD equipped with 3 and/or 4 drive controllers which are expandable to 12 axes (max. 6 interpolated & 6 handling axes), PC, I/O module, safety circuit equipped with standstill monitoring, power supply 48 V / 1000 W		
Operation	Control panel iOP-19 touchscreen equipped with keyboard and touchpad		
Software	WinRemote (optional: ProNC, isy-CAM)		
Weight [kg]	approx. 500	approx. 550	approx. 650
Electrical specifications	230V, 16A		
<b>Part No.</b>	<b>278010 363443*</b>	<b>278011 363443*</b>	<b>278012 363443*</b>

\*without installed components on the axes.

## EUROMOD® | Dimensional drawing [dimensions in mm]



EuroMod	MP 30	MP 45	MP 65
A	350 mm	500 mm	700 mm
B	900 mm	900 mm	1200 mm
C	1000 mm	1000 mm	1320 mm
D	1160 mm	1160 mm	1480 mm
E	640 mm	950 mm	1350 mm
F	800 mm	1110 mm	1510 mm

## **EUROMod®** | At your service



### Typical materials

- light and non-ferrous metals
- foam and milled plastics
- wood
- plexiglass
- and many more

### Application areas

- model and mold making
- orthopaedic technology
- measurement and testing procedures
- rapid prototyping

