



EUROMod®

The compact one

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



Fig. OverHead® M40
equipped with control panel
iOP-19



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
- PILZ security technology
- easy to use thanks to the height-adjustable CNC panel
- network-compatible control PC with WIN 10
- 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 (hand lever, vacuum clamping tables, etc.)
- extraction systems
- LED engine room lighting
- RAL colour selection
- PC control panel with free PCI slots (for the use of external PCI hardware)
- interface adjustments
- CAD/CAM software

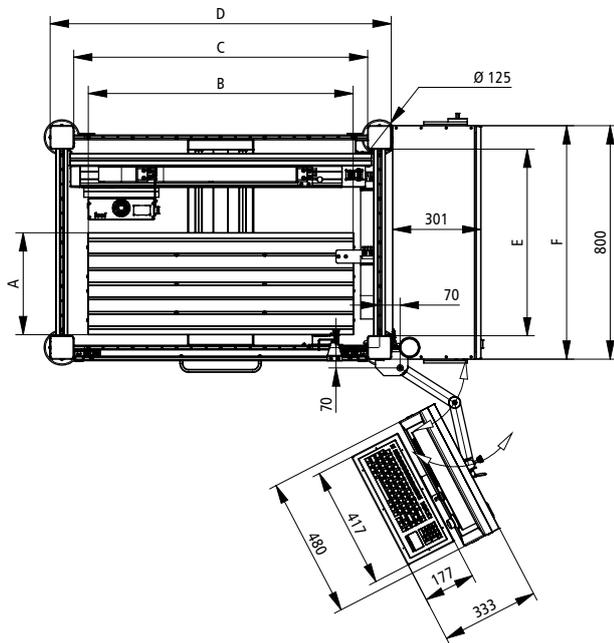
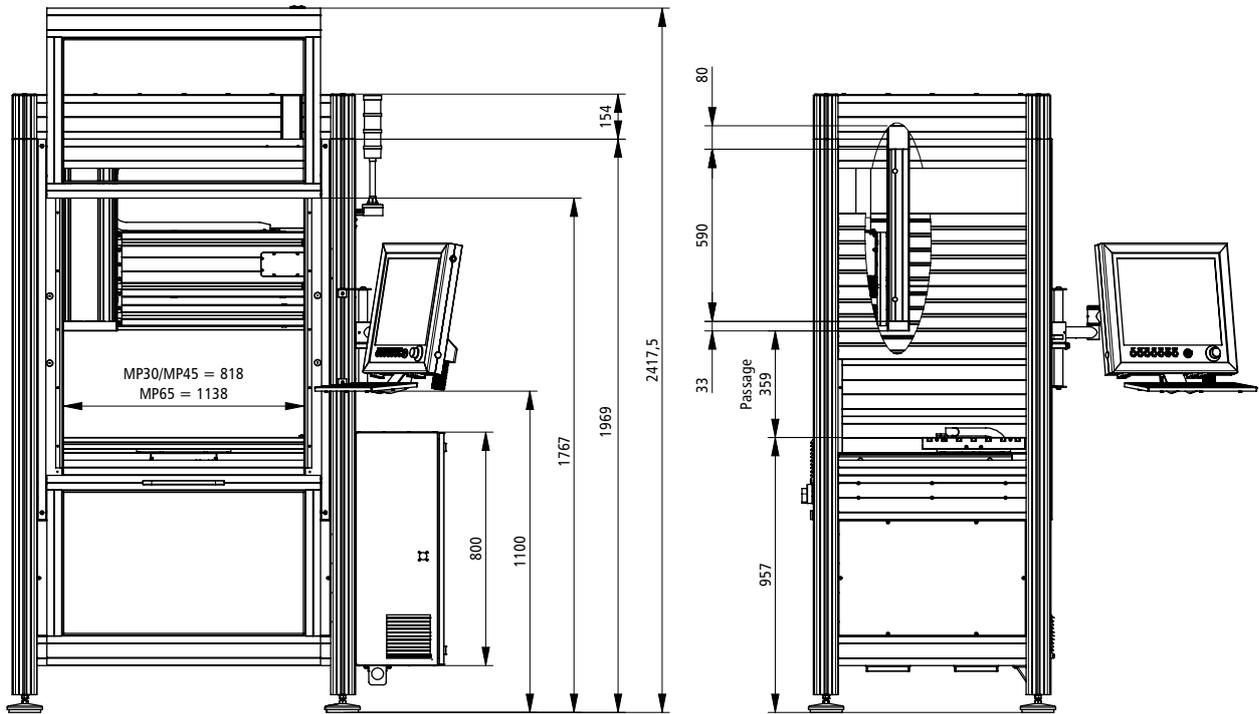
Technical data

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		
Part No.	278010 363443*	278011 363443*	278012 363443*

*without installed components on the axes.



EuroMod® | Dimensional drawing [dimensions in mm]



EuroMod	MP 30-LES	MP 45-LES	MP 65-LES
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



Buffalo horn glasses

Foam micro-
phone

Brass

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



Two LES units ensure stability in the X-axis



Option: vacuum clamping table for vibration-free clamping

