

EUROMOD® Base Units K Series

...with isel Motor Drive Technology



EUROMOD-P
without cover, with extended Y axis travel



EUROMOD-F
without cover

For more details about the new isel Motor Drive Technology IMD, please refer to page C8/C9

EUROMOD base units are ready-to-use CNC systems with a great ease of use for a large number of tasks and applications that can be automated.

Rigid, low vibration steel and aluminium constructions made of isel system profiles and system elements are the mechanical basis for the **EUROMOD** base units. The isel ball screw drives with steel spindles 16 x 5 mm, used in the positioning axes, provide for high precision.

When developing the **EUROMOD** base units, the focus was especially put on a small space requirement. Both base units need the floor space of an euro pallet (1,200 x 800 mm) as a maximum.

Like the mechanics, the electronics of the **EUROMOD** is also "cast from the same mould". The drive motors of the newly developed isel motor drive (IMD) series are optimally matched to the mechanics, the power electronics and the control. As a result of this, high power, quiet running and sufficient reserves are provided to the user.

The two models **EUROMOD-F** and **EUROMOD-P** differ by their basic mechanical structure.

Both models are available with or without protective cover. The versions with cover are equipped with an automatic door opener, which is controllable by software, for example.

In case of the **EUROMOD-P**, the portal section is fixed and the workpiece is being moved within this rigid section. As a consequence, this design is particularly suitable for the precise, machine cutting treatment and for multi-axis machining. Through the exchangeability of the Y axis, the feed range of the version without cover is extendable for special applications without a loss of precision.

The **EUROMOD-F** with mobile portal is well suitable for large area machining and for heavy workpieces, which do not have to be moved with this version.

Functional accessories of our own development and manufacturing are also available for the **EUROMOD** base units.

EUROMOD® Base Units K Series

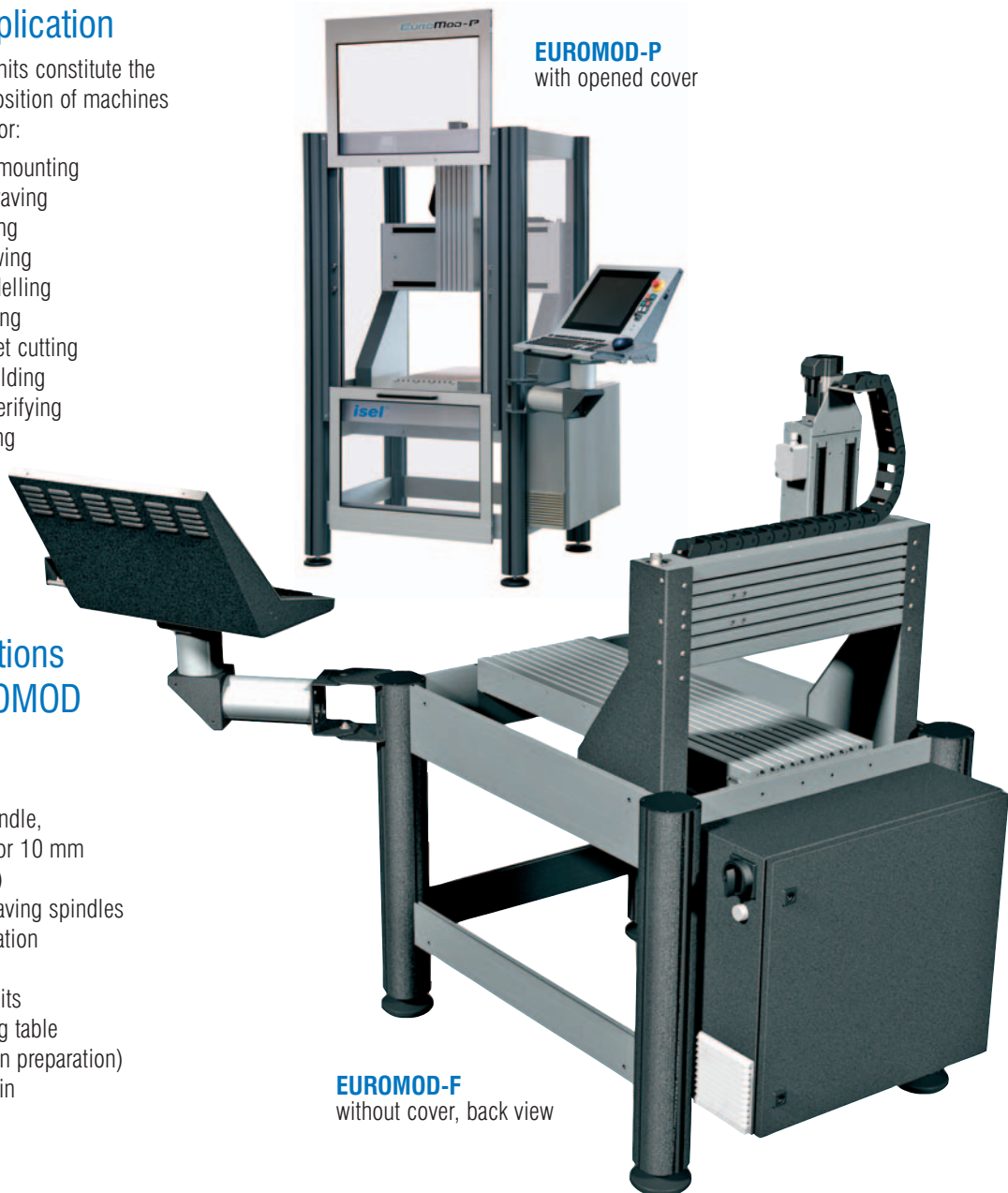
Fields of Application

EUROMOD base units constitute the basis for the composition of machines and constructions for:

- assembling and mounting
- printing and engraving
- drilling and milling
- dosing and screwing
- forming and modelling
- pasting and casting
- laser and water jet cutting
- soldering and welding
- measuring and verifying
- sawing and cutting
- ... and other applications

Available options for the EUROMOD Base Units

- DVD drive
- Ball threaded spindle, pitches 2,5 mm or 10 mm (standard: 5 mm)
- Milling and engraving spindles
- Tool changing station
- Tool levelling
- Cooling/spray units
- Vacuum clamping table
- Exhaust device (in preparation)
- Safety light curtain



EUROMOD-P
with opened cover

EUROMOD-F
without cover, back view

Technical Data

	EUROMOD-P IMD	EUROMOD-F IMD
Feed range (X / Y / Z) [mm]	500 / 300 / 285	350 / 530 / 150
Clamping table surface [mm]	310 / 596	310 / 890
Z-throughput [mm]	350	185
Spindle pitches (X / Y / Z) [mm]	5 / 5 / 5	5 / 5 / 5
Dimensions with control cabinet and cover (W / D / H) [mm]	1,200 / 800 / 1,900	800 / 1,200 / 1,500