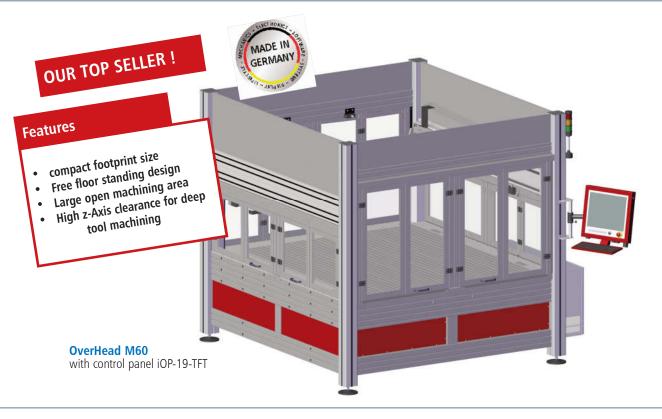
CNC machine with servo motor drive





Technical specifications

* Dimensions with control cabinet and open door.

	OverHead M60
Processing areas X/Y/Z [mm]	1510 / 1710 / 310
Bench clamping area WxD [mm]	1750 x 2000
Gap [mm]	340
Dimensions WxDxH [mm]	2290 x 2445 x 2224
Dimensions* WxDxH [mm]	3141 x 3255 x 2224
Processing speed X/Y/Z [mm/s]	250
Repeat accuracy [mm]	± 0,02
Drive motors	EC servo motors
Drive elements X/Y/Z	Recirculation ball screws 16 x 10 / 16 x 10 / 16 x 5 mm, adjustable for no play
Controller	iMD CAN controller with 4 drive controllers, expandable to 12 axes (max. 6 interpolated & 6 handling axes), iPC, E/A module, PILZ safety-sps circuit with rest state monitoring, power supply unit 48V/1000 W
Operation	Operating panel iOP-19-TFT
Weight (kg)	approx. 1100 kg
Software	Windows, WinRemote (optional: ProNC)
Connection values	400 V / 16 A
Part-no.	278024 343443

SYSTEMS CNC machines made by isel*

CNC machine with servo motor drive

OverHead®

Features

- twin Y-axis gantry fully synchronised with Software ProNC
- CAN-bus control system with brushless servo motors for all axes
- T-slot table top for easy clamping of workpieces and accessories
- backlash-free adjusted steel KG drives with steel linear guides
- variable gap from 340 mm to 590 mm
- Spindle motors iSA 500 / 750 / 1500 / 1500L and iSA 900 / 1500W / 1500WL / 2200
- Speed: 250mm/sec possible
- swivelling control panel iOP-19-TFT
- Control PC iPC 25 incl. PCI card Win 7 / 64 bit
- network connection

Areas of application

- machining
- measurement and testing
- dispensing applications

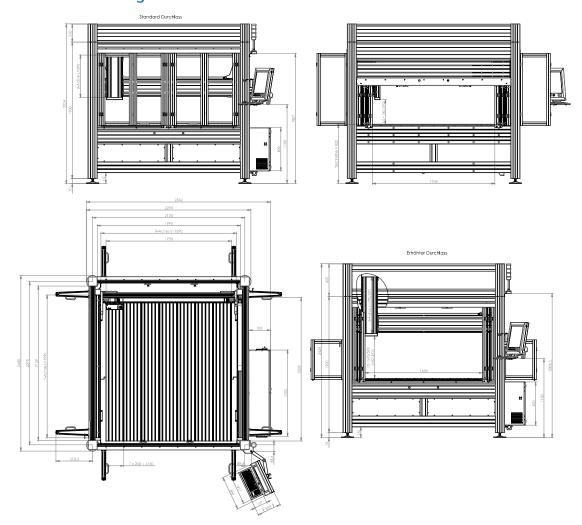
For editing:

- aluminium / light metals
- milled plastics
- ceramics

Options

- Cooling spray device
- chip tray
- Tool length probe
- Spindle motors (can be used up to iSA2200)
- Rotary changing systems SK 11 and SK 20
- Linear changing systems SK 11 and SK 20
- 4th axis with tailstock unit
- 4th + 5th axis as rotary swivel axis
- Engine room lighting LÉD
- Non-ferrous metals (brass, bronze, etc...)
- plastics
- woodz

Dimensioned drawings



Technical specifications subject to change.