

# CNC machine

with servo motor drive

## OverHead®



### Features

- Compact footprint size
- Free floor standing design
- Large open machining area
- High Z-axis clearance for deep tool machining

We offer  
**FINANCING!**



Interesting application videos can be found on our YouTube channel. Just take a look!



**OverHead M40**  
with control panel iOP-19-TFT

## Technical specifications

	OverHead M20	OverHead M30	OverHead M40	OverHead M50
Processing areas X/Y/Z [mm]	710 / 610 / 310	710 / 910 / 310	1,210 / 910 / 310	1,210 / 1,410 / 310
Bench clamping area WxD [mm]	1,100 x 1,000	1,100 x 1,300	1,600 x 1,300	1,600 x 1,800
Gap [mm]	340 (590)			
Dimensions WxDxH [mm]	1,400 x 1,200 x 1,960	1,400 x 1,500 x 1,960	1,900 x 1,500 x 1,960	1,900 x 2,000 x 1,960
Processing speed X/Y/Z [mm/s]	250			
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), PC, I/O module, safety circuit with rest state monitoring, power supply unit 48 V / 1,000 W			
Operation	control panel iOP-19-TFT			
Weight (kg)	appr. 450 kg			
Software	Windows, WinRemote (optional: ProNC)			
Connection values	400 V / 16 A			
Part-no.	276223 56165E	276233 56165E	276243 56165E	276253 56165E

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### 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
- Gantry clearance options from 340mm to 590mm
- Maximum spindle motor size iSA 2200
- Linear motion upto 250mm/sec.
- Control panel iOP-19-TFT
- Control PC iPC 25 including PCI card Win 7/64 bit

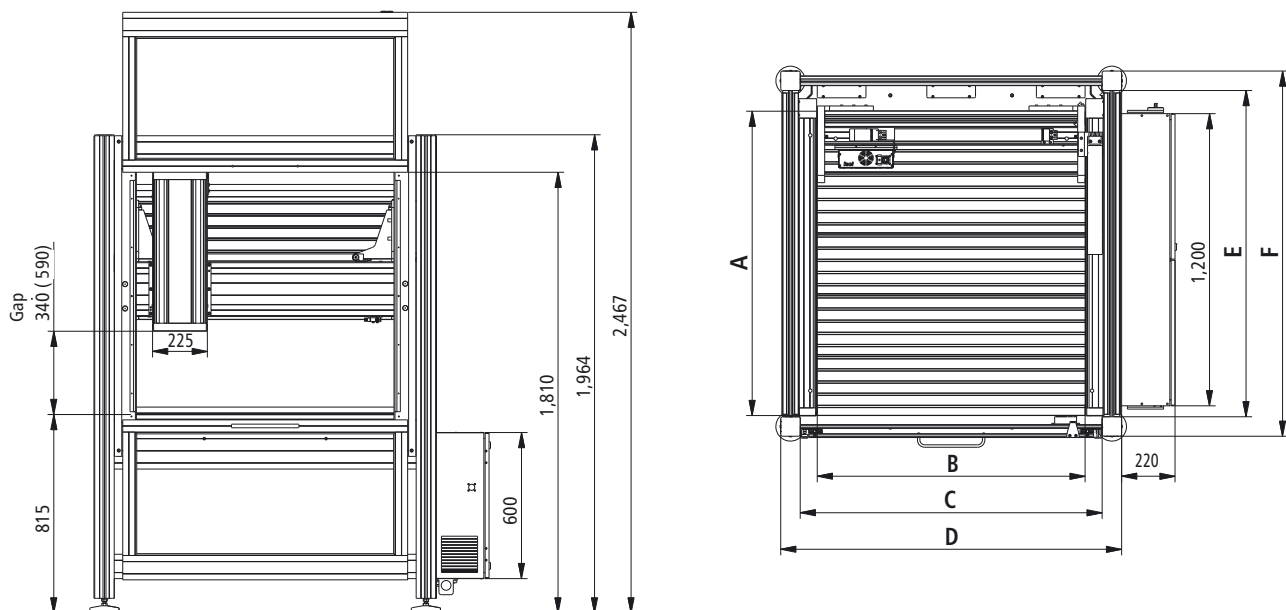
### Options

- cooling spray device
- blade tray
- tool length sensor
- spindle motors (up to iSA2200 applicable)
- Round 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 tilting unit
- LED-lighting

### Areas of application

- Machining
- Testing and Measuring
- Glue Dispensing

### Dimensioned drawings



	A	B	C	D	E	F
<b>Gantry OverHead M20</b>	1,000	1,100	1,240	1,400	1,040	1,200
<b>Gantry OverHead M30</b>	1,250	1,100	1,240	1,400	1,340	1,500
<b>Gantry OverHead M40</b>	1,250	1,600	1,740	1,900	1,340	1,500
<b>Gantry OverHead M50</b>	1,750	1,600	1,740	1,900	1,840	2,000



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