

CNC machine

with servo motor drive

OverHead[®]
TOP SELLER!
Features

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



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


We offer FINANCING!


OverHead M40
with control panel iOP-19-TFT

Technical specifications

	OverHead M20	OverHead M30	OverHead M40	OverHead M50	OverHead M60
Processing areas X/Y/Z [mm]	710 / 610 / 310	710 / 910 / 310	1210 / 910 / 310	1210 / 1410 / 310	1510 / 1710 / 310
Bench clamping area WxD [mm]	1100 x 1000	1100 x 1300	1600 x 1300	1600 x 1800	1750 x 2000
Gap [mm]	340 (590)				
Dimensions WxDxH [mm]	1400 x 1200 x 1960	1400 x 1500 x 1960	1900 x 1500 x 1960	1900 x 2000 x 1960	2245 x 2400 x 1970
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), 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. 525 kg	appr. 600 kg	appr. . 700 kg	appr. 800 kg	appr. 1100 kg
Software	Windows, WinRemote (optional: ProNC)				
Connection values	400 V / 16 A				
Part-no.	276223 56165	276233 56165	276243 56165	276253 56165	276263 56165

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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

Areas of application

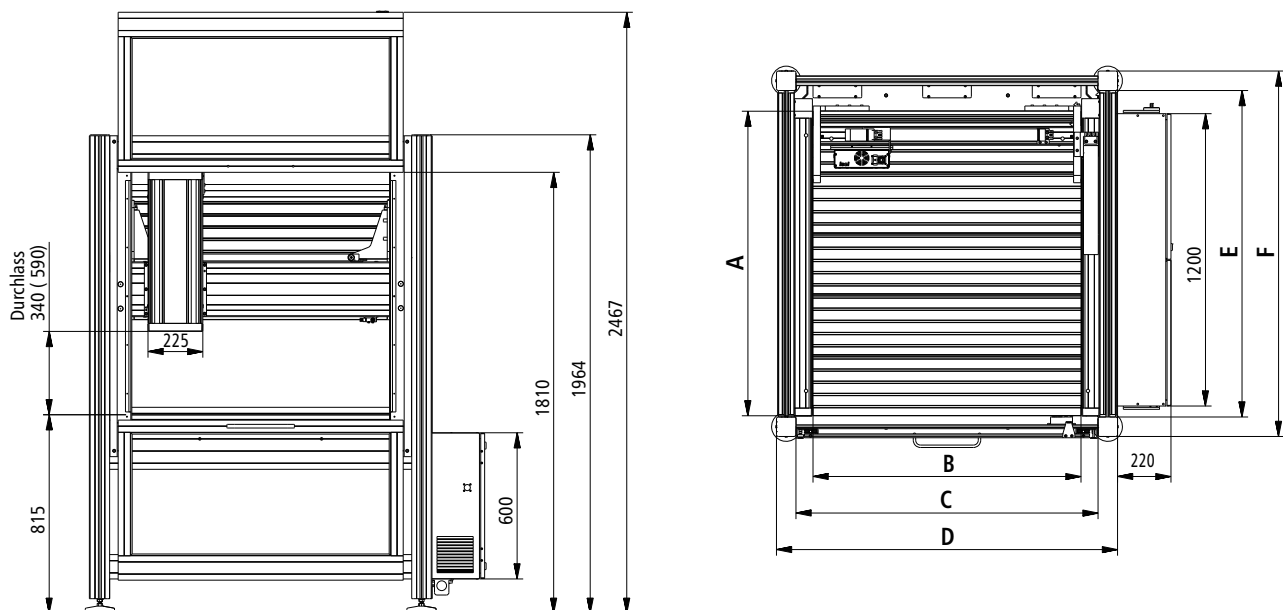
- machining
 - testing and measuring
 - glue dispensing
- For the machining of:
- light metals
 - non-ferrous metals (brass, bronze etc...)
 - CFRP
 - ceramic
 - plastics
 - wood

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

Overview machine configuration
see page E-21

Dimensioned drawings



	A	B	C	D	E	F
Gantry OverHead M20	1000	1100	1240	1400	1040	1200
Gantry OverHead M30	1250	1100	1240	1400	1340	1500
Gantry OverHead M40	1250	1600	1740	1900	1340	1500
Gantry OverHead M50	1750	1600	1740	1900	1840	2000
Gantry OverHead M60	2000	1750	2150	2400	1995	2245

Technical specifications subject to change.