

CNC-MILLING MACHINE

FLATCOM M



Ideally suited for long traverse paths.

BENEFITS:

- high stiffness with low weight
- maintenance-free motors
- extensive accessories

IDEALLY SUITED FOR:

- multi-shift operation

MACHINING OF:

- aluminium / light metals
- plastic
- wood
- foam
- plexiglas

FLATCom[®] M

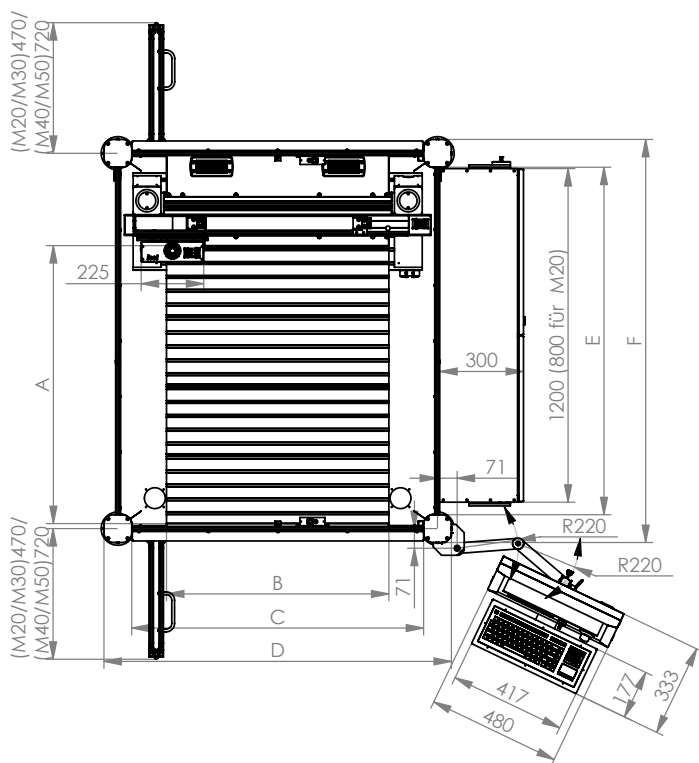
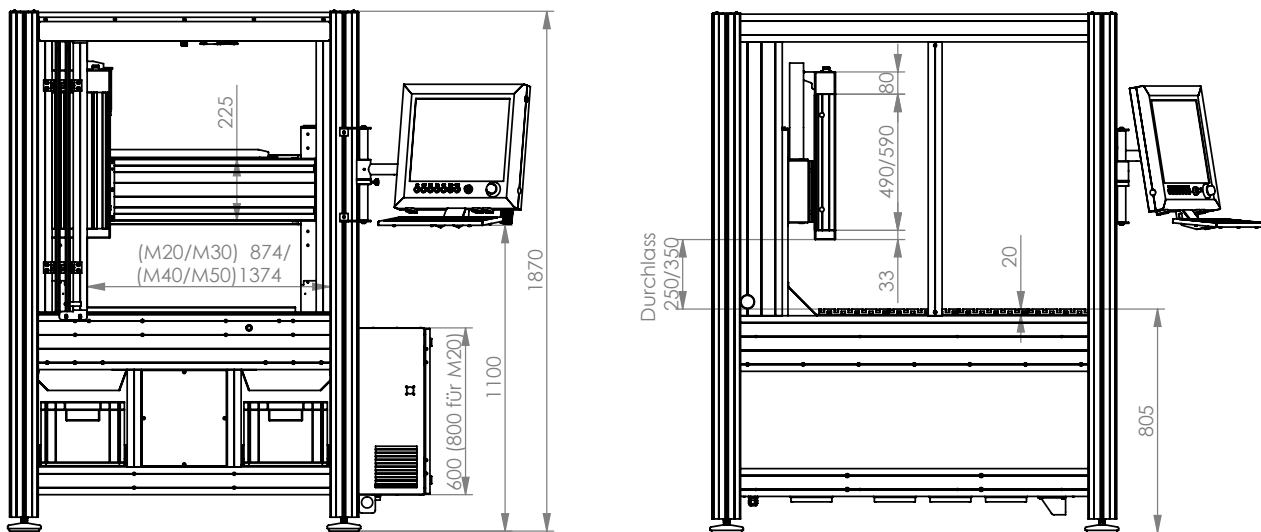
TECHNICAL DATA	FlatCom M20-LES5	FlatCom M30-LES5	FlatCom M40-LES5	FlatCom M50-LES5
Processing areas X/Y(mm)*	710/500	710/800	1210/800	1210/1300
Z lift (mm)	210 (optional 310, in each case without processing unit)			
Bench clamping area W × D (mm)	800 x 750	800 x 1000	1550 x 1000	1550 x 1500
Z gap [mm] *	250 (optional 350, in each case without processing unit)			
Dimensions WxDxH [mm]**	1520 x 1150 x 1870	1520 x 1450 x 1870	2020 x 1450 x 1870	2020 x 1950 x 1870
Processing speed X/Y/Z	max. 250 mm/s			
Repeat accuracy (mm)	± 0,02			
Drive motors	Servo motors			
Drive elements X/Y/Z	Recirculating ball drive, adjustable for no play			
Controller	iMD CAN controller with 3 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 / 1000 W			
Operation	Control panel iOP-19-TFT			
Weight (kg)	approx. 350	approx. 400	approx. 500	approx. 570
Software (option)	Windows, WinRemote (optional: ProNC, isy 2.5 PLUS)			
Connection values	230V, 16A		400V, 16A	

ORDERING DATA	FlatCom M20-LES5	FlatCom M30-LES5	FlatCom M40-LES5	FlatCom M50-LES5
Part-no. (Z lift = 150 mm)	276423 54165**	276433 54165**	276443 54165**	276453 54165**
Part-no. (Z lift = 250 mm)	276423 56165**	276433 56165**	276443 56165**	276453 56165**

* without mounted components on the axes

** mit control cabinet and hood

DIMENSIONED DRAWING



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	A	B	C	D	E	F
FlatCom M20 - LES5	750	800	1050	1250	950	1150
FlatCom M30 - LES5	1000	800	1050	1250	1250	1450
FlatCom M40 - LES5	1000	1550	1550	1750	1250	1450
FlatCom M50 - LES5	1500	1550	1550	1750	1750	1950

Technical specifications subjects to change. 71021205-01_FlatCom-M