

CNC machine

with servo motor drive

FLATCom[®]
XL series



FlatCom XL with control panel

Technical specification

	<i>FLATCom</i> [®] 102/72	<i>FLATCom</i> [®] 102/112	<i>FLATCom</i> [®] 142/112	<i>FLATCom</i> [®] 142/162	<i>FLATCom</i> [®] 142/252
Processing areas X/Y/Z [mm] *	1020/720/220	1020/1120/220	1420/1120/220	1420/1620/220	1420/2520/220
Bench damping area W × D [mm]	1125 x 1300	1125 x 1700	1500 x 1700	1500 x 2200	1500 x 3050
Z gap [mm] *	235 (optional 435, in each case without processing unit)				
Dimensions WxDxH [mm]	2084/1584/1990	2084/1984/1990	2459/1984/1990	2459/2484/1990	2459/3384/1990
Processing speed X/Y/Z	max. 250				
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 48V/1000 W				
Operation	19" CNC control panel with touch screen, keyboard and mouse				
Weight [kg]	approx. 550	approx. 600	approx. 700	approx. 800	approx. 1000
Software	Windows, WinRemote (optional: ProNC, isy CAD-CAM)				
Connection values	400 V, 16 A				
Part no.	274552 0013	274553 0013	274554 0013	274555 0013	274556 0013

* without mounted components on the axes.

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General note

The choice of the ideal CNC machine for you should focus both on the clamping area for the workpiece, materials or plates to be machined and on the strategy or difficulties of the machining. In principal, all machines are perfectly suited for machining light metals, non-ferrous metals, plastics and wood. Extensive range of accessories for all our CNC machines to order. (see page 5-18 et seq.)

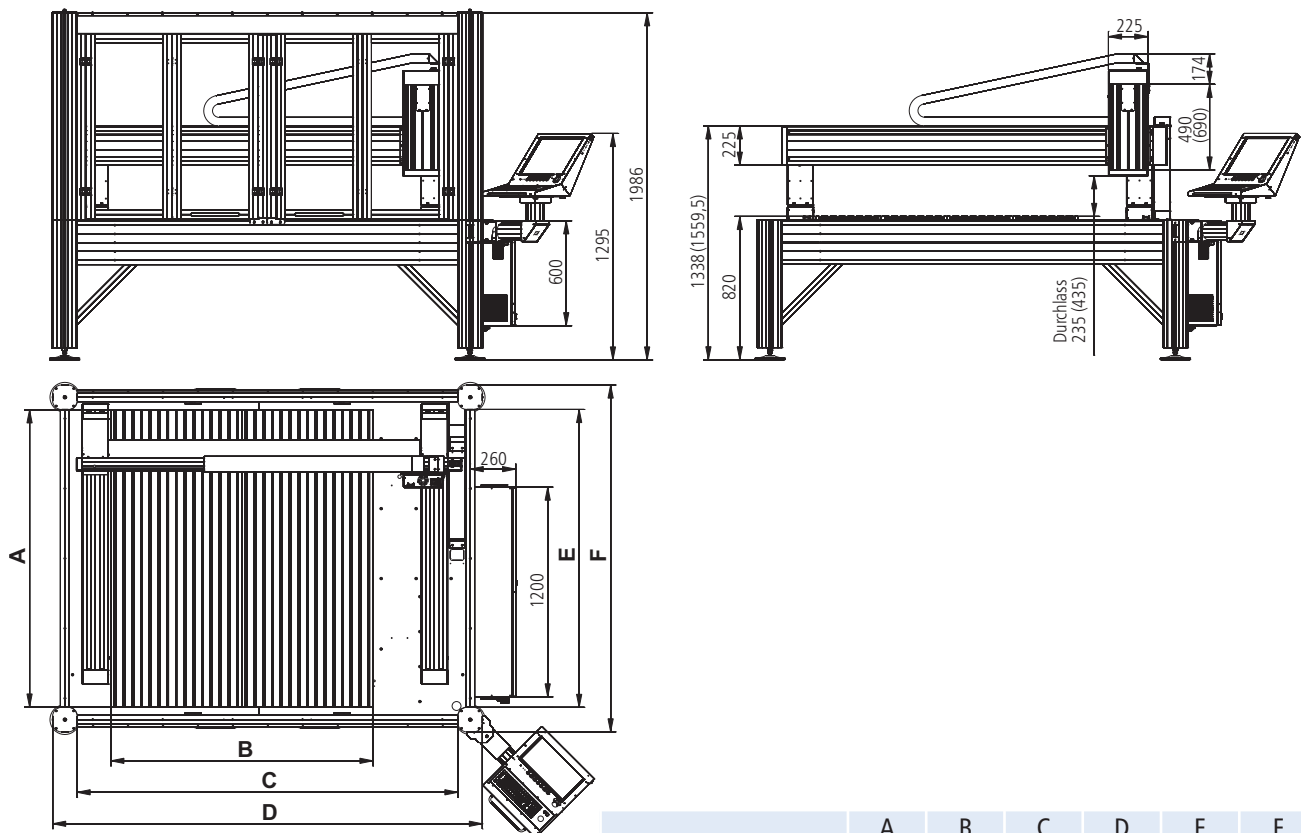
Options

- PC control console with free PCI plug-ins (for use by external PCI hardware)
- Safety light curtain
- Milling and engraving spindles
- SK11/SK20 automatic tool change stations
- Minimum quantity lubrication or CoolMin cooling system
- Vacuum clamping benches
- Suction device
- 4th axis e. g. RDH series installation
- Version without hood
- Maximum 6 interpolated axes + 6 handling axes
- Portal gap 300 mm
- closed hood attachment

Setup

- Portal: moveable, bench: fixed

Dimensioned drawings/dimensions



	A	B	C	D	E	F
FlatCom XL 102/72	1300	1125	1804	2084	1304	1584
FlatCom XL 102/112	1700	1125	1804	2084	1704	1984
FlatCom XL 142/112	1700	1500	2179	2459	1704	1984
FlatCom XL 142/162	2200	1500	2179	2459	2204	2484
FlatCom XL 142/252	3050	1500	2179	2459	3100	3380