

**CNC machine**  
with servomotor drive

**FLATCom**® **isel**® France  
L series



FlatCom L without hood

## Technical specification

	<b>FLATCom</b> ® L150	<b>FLATCom</b> ® L250	<b>FLATCom</b> ® L300
Processing areas X/Y/Z [mm] *	1500/1700	2500/1700	1700/3000
Z lift [mm]	200 (optional 300, in each case without processing unit)		
Clamping table surface W × D [mm]	1750 × 2250	2750 × 2250	2250 × 3250
Z-Throughput [mm]	250 (optional 500, in each case without processing unit)		
Dimensions W × D × H [mm]	2216 × 2430 × 1600	3216 × 2430 × 1600	2430 × 3716 × 1600
Processing speed X/Y/Z	appr. 250 mm/s		
Repeatable accuracy [mm]	± 0,02		
Drive motors	48 V servomotors		
Drive elements X/Y/Z	Recirculating ball drive, clearance free adjustable		
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	19" CNC control panel with touchscreen, keyboard and mouse		
Weight [kg]	appr. 435	appr. 510	appr. 580
Software	Windows, WinRemote (optional: ProNC, isy 2.5 PLUS)		
Connection values	400 V, 16 A		
Part no.	<b>275062 34565</b> **	<b>275072 34565</b> **	<b>275082 34565</b> **

\* without mounted components on the axes.

\*\* without protective hood

# CNC machine

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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 to machining **light metals, non-ferrous metals, plastics and wood**. Extensive range of accessories for all our CNC machines to order (see page E18 *et seq.*).

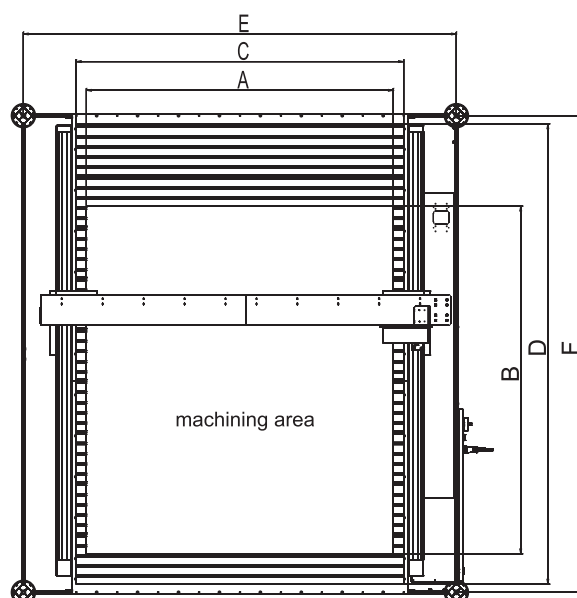
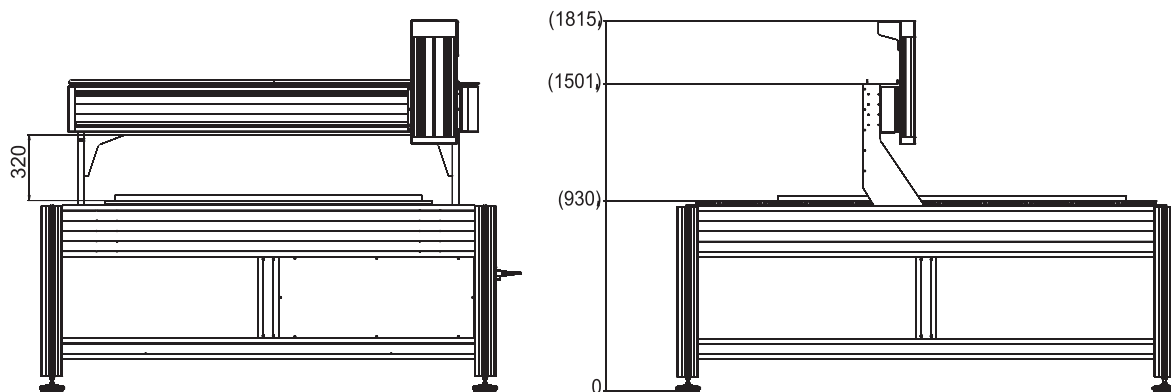
### Options

- PC control console with 2 free PCI plug-ins (for use by external PCI hardware)
- Safety light curtain
- toothed belt drive
- Milling and engraving spindles
- SK11/SK20 automatic tool change stations
- Minimum quantity lubrication or CoolMin cooling system
- Vacuum clamping benches
- Suction device
- 4. Axis e. g. RDH series installation
- Version without hood
- Maximum 6 interpolated axes + 6 handling axes
- Portal gap 300 mm
- Protective hood

### Setup

- Portal: mobile, bench: fixed

### Dimensioned drawings/dimensions



	A	B	C	D	E	F
<b>FlatCom L 150</b>	1500	1700	1750	2000	2116	2330
<b>FlatCom L 250</b>	2000	1700	1750	2000	2616	2330
<b>FlatCom L 300</b>	2000	3000	2050	3250	2616	2616



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