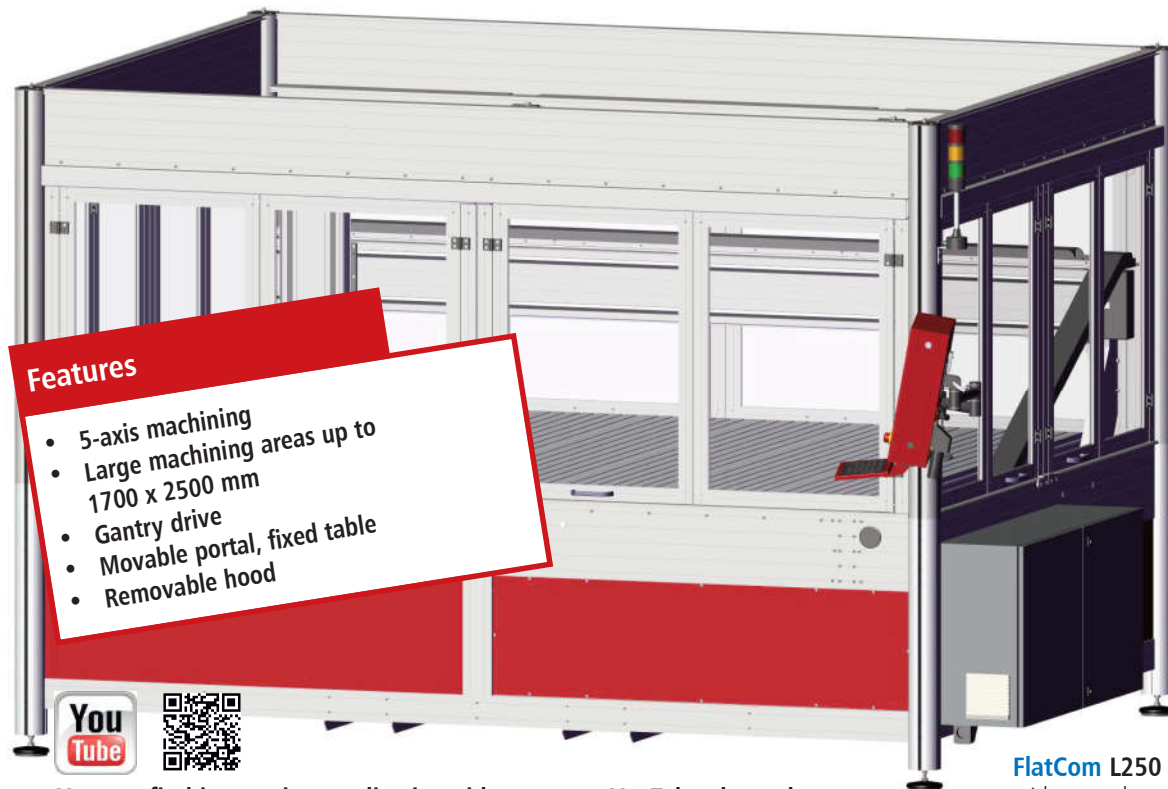


CNC machine

with servo motor drive

FLATCom[®]
series L



Features

- 5-axis machining
- Large machining areas up to 1700 x 2500 mm
- Gantry drive
- Movable portal, fixed table
- Removable hood



You can find interesting application videos on our YouTube channel.
Just have a look!

FlatCom L250
with control panel iOP-19-CPU

Technical Data

* Dimensions with switch cabinet and open door.

	FLATCom [®] L150	FLATCom [®] L250
Traverse ranges X/Y [mm]	1500 / 1700	2500 / 1700
Z-stroke [mm]	210 (optional 310, 410)	
Table clamping surface WxD [mm]	1600 x 2250	2600 x 2250
Z-gap [mm]	270 (optional 370, 470)	
Dimensions WxDxH [mm]	2236 x 2450 x 2211	3236 x 2450 x 2211
Dimensions WxDxH * [mm]	2485 x 2450 x 2211	3485 x 2450 x 2211
Traverse speed X/Y/Z	max. 250 mm/s	
Repeatability [mm]	± 0,02	
Drive motors	servo motors	
Drive elements X/Y/Z	Ball screws, backlash-free adjustable	
Control	CAN controller iMD with 4 drive controllers expandable to 12 axes (max. 6 interpolated & 6 handling axes), iPC, I/O module, PILZ safety PLC with Standstill monitoring, power supply unit 48 V / 1000 W	
Operation	control panel iOP-19-CPU	
Weight (kg)	approx. 550	approx. 650
Software	Windows, WinRemote (optional: ProNC, isy 2.8)	
Connection values	400 V, 16 A	
Item-No.	278030 272443	278031 272443

CNC machine

with servo motor drive

FLATCom[®]

series L

Features

- portal passage: 300mm
- backlash-free adjusted steel KG drives with steel linear guides
- maintenance-free servomotors
- spindle motors iSA 500 / 750 / 1500 / 1500L as well as iSA 900 / 1500W / 1500WL / 2200 / 3600
- particularly suitable for the full processing (aluminium, non-ferrous metals, ceramics etc...)
- assembly of spindle motors up to 3.6 KW, SK30 holders
- available with and without protective hood
- ideal for multi-shift operation
- swivelling control panel iOP-19-CPU
- control PC iPC 25 incl. PCI card Win 7 / 64 bit
- network connection

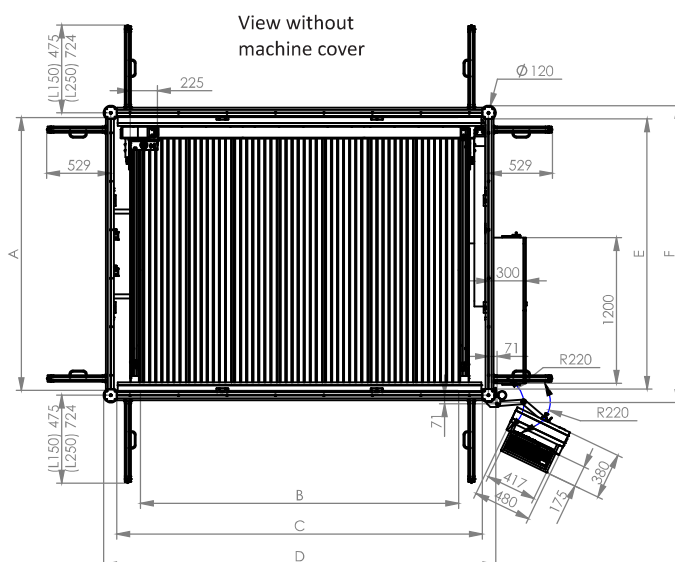
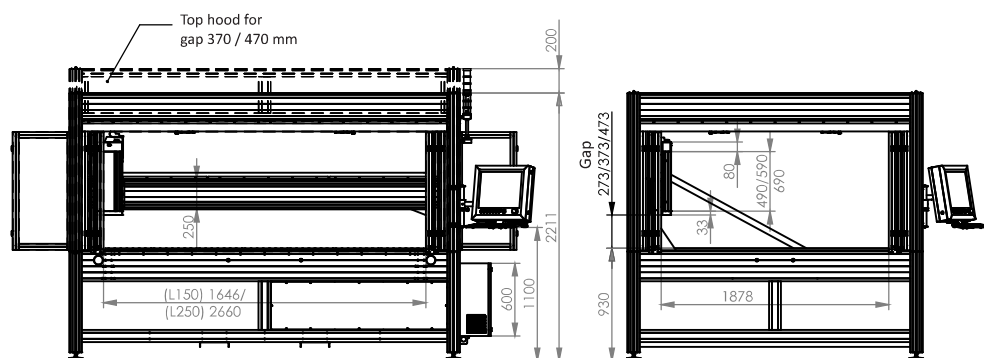
Fields of application

- For editing:
- Aluminium / light metals
 - milled plastics
 - Non-ferrous metals (brass, bronze, etc...)
 - ceramics
 - synthetic materials
 - wood

Options

- PC control panel with free PCI slots (for use with external PCI hardware)
- safety light curtain
- Milling and engraving spindles
- Automatic tool changing stations SK11 / SK20
- Minimum quantity lubrication or CoolMin cooling system
- vacuum clamping tables
- suction device
- 4th axis e.g. assembly of the RDH series
- Version without hood
- Maximum 6 interpolated axes + 6 handling axes
- Portal passage according to customer requirements

Dimensioned drawings



	A	B	C	D	E	F
FlatCom L 150	2250	1600	2016	2216	2230	2430
FlatCom L 250	2250	2600	3016	3216	2230	2430

Attention!

The FlatCom L150 version has no revolving doors!

Subject to technical changes!