



03 2022

Laser cutting cell for highly dynamic 2D- and 2 ½D machining.

+/-0.02 mm can be achieved, even at high accelerations.

LCC combines the highest dynamics with maximum accuracy through the concept of decoupled machining axes.

Areas of application

The modular clamping concept allows the LCC to be used in a wide variety of applications:

Maximum accuracy

The machine base body with upright gantry portal – made of natural granite – is designed for maximum vibration rigidity and temperature consistency. The main axes are equipped with linear direct drives, with which contour accuracies of

- as a stand-alone system
- for autonomous coil/plate operation
- for integration into a line linkage
- for thin sheet processing with wall thicknesses of 0.15 mm – 0.5 mm

	LCC 501	LCC 1001	LCC 502
Work area X/Y/Z (mm)	500/500/120	1000/500/120	500/500/120
Unprocessed format plate X/Y/Z (mm)	500/2000/5*	1000/2000/5*	500/2000/5*
Unprocessed format coil X/Y/Z (mm)	500/∞/3*	1000/∞/3*	500 / ∞ / 3*
Work area piece goods X/Y/Z (mm)	500/500/120	1000/500/120	500/500/120
Max. positioning speed plate/ coil/piece goods (X/Y – m/min)	100/80/100	80/80/100	100/80/100
Max. contour accuracy (mm)	+/-0.02	+/-0.02	+/-0.02

* Depending on the laser power used.