



KOLLTRONIC® Fibre laser 50W

Versatile range of laser systems for 2D and 3D marking and engraving. KOLLTRONIC® lasers are designed to provide high quality codes for a wide range of applications.

Robust and reliable device. Low operational cost is the great advantage of this laser.

- easy to use and graphics orientated software
- wide range of applications : barcode, datamatrix, serial numbers, personalised data
- red Box indicates the position of the laser data on your product for easy setting up a new job (optional)
- red pointer laser for precisely adjusting the focus (optional)
- marking on the fly function MOTF (optional)
- performance options : 10 W, 20 W, 30 W, 50 W
- optimal size: easy to be integrated into production lines
- high efficiency – low electricity consumption
- prevents production interruptions – little demand for maintenance
- software allows up to 8 colours to control different laser parameters within one job
- industrial communication : RS 232, Ethernet, USB, Profibus DP



Applications

The fiber laser fits best to all applications on steel and plastics. Example given: Automobile, engineering, plastics, toolmaker, steel, pharma, electronics ...

F50

Ease of Use

F50

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System

Power	50W
Working area	standard = 105 x 105 mm Optional = 55 x 55 mm, 150 x 150mm; 210 x 210mm
Speed	up to 5,000 mm/s
Character height	0,1 mm to max of laser field
Min. Line width	0,05 mm, optional 0,01mm
Safety	Laser class 4

Controller

Input/output	Emergency stop ,analog und digital in/out (5 V / 24 V) for System Integration
Defaultmessage	Red yellow, green Option: alarm beacon
Communication	RS232, Ethernet, USB, Profibus
Computer	Windows XP
Weight	appr. 12kg
Key	On/Off, emergency stop, red pointer on/off

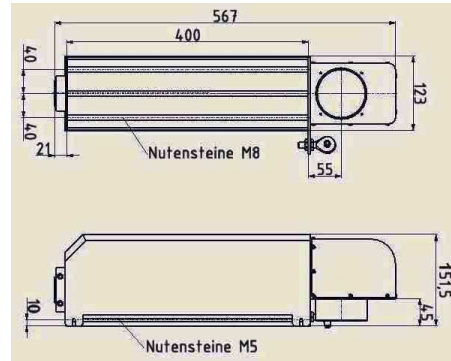
Laserhead

Dimensionen	width 130 mm; height 160 mm; length 570 mm;
Weight	appr. 8kg
Fiber	fibre cable 2 m
Housing	coated steel RAL 3000

Operation

Power suply	230V 50Hz
Consumption	Max 500 W
Cooling	Air
Operating temperature	+5 bis +35°C

Also available as 10W, 20W, 30W and 50W systems or integrated workstation in laserclass 1. We integrate your systems into your production line.



Subject to technical changes, dimensional values non-binding 2011-01



Sustainable solutions – Innovative Technology



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