

## Laser Workstation „Lightworx“



### Technical Data:

Lasertyp:	Fiberlaser 20W, 30W, 50W
Lens fields:	100 x 100mm 175 x 175mm 300 x 300mm (not compatible with rotation axis )
Dimensions:	600mm x 1685mm x 765mm
Product Dimensions:	<b>Max height of the product:</b> 100 x 100mm = about 356mm 175 x 175mm = about 238mm 300 x 300mm = about 60mm
	<b>Max Product weight:</b> about 30kg
	<b>Max Product Dimensions:</b> about 350mm x 350mm
Z-Axis adjustment area:	400mm
Opening the front door:	manually
Setting Focus:	Manually or electronically
Voltage connection:	230VAC / 50Hz / 16A
Ambient temperature	~10 bis 40 °C
humidity:	~40 – 80% humidity
Weight:	about 130kg

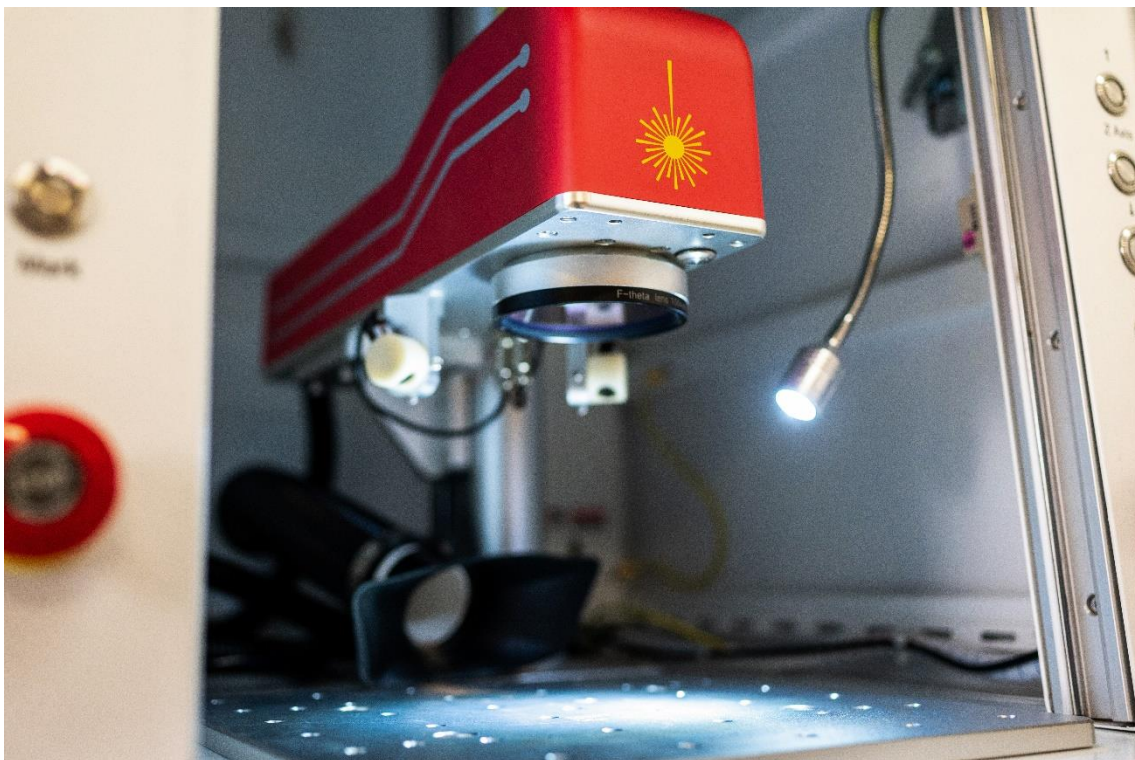
### Technical Data Laser:

Optische Leistung:	20, 30, 50W @ 1062nm wave lenght
Laser Typ:	Yb Faserlaser, RAYCUS
Focus dinstance:	LF 100, ø10 / 169mm LF 175, ø10 / 287mm LF 300, ø10 / 465mm
Marking mode:	Static
Interface (CU):	USB, COM 1&2,LAN
Software:	PC Software EzCad 2
Life expectancy:	Up to 100.000 hours
Power consumption:	450W

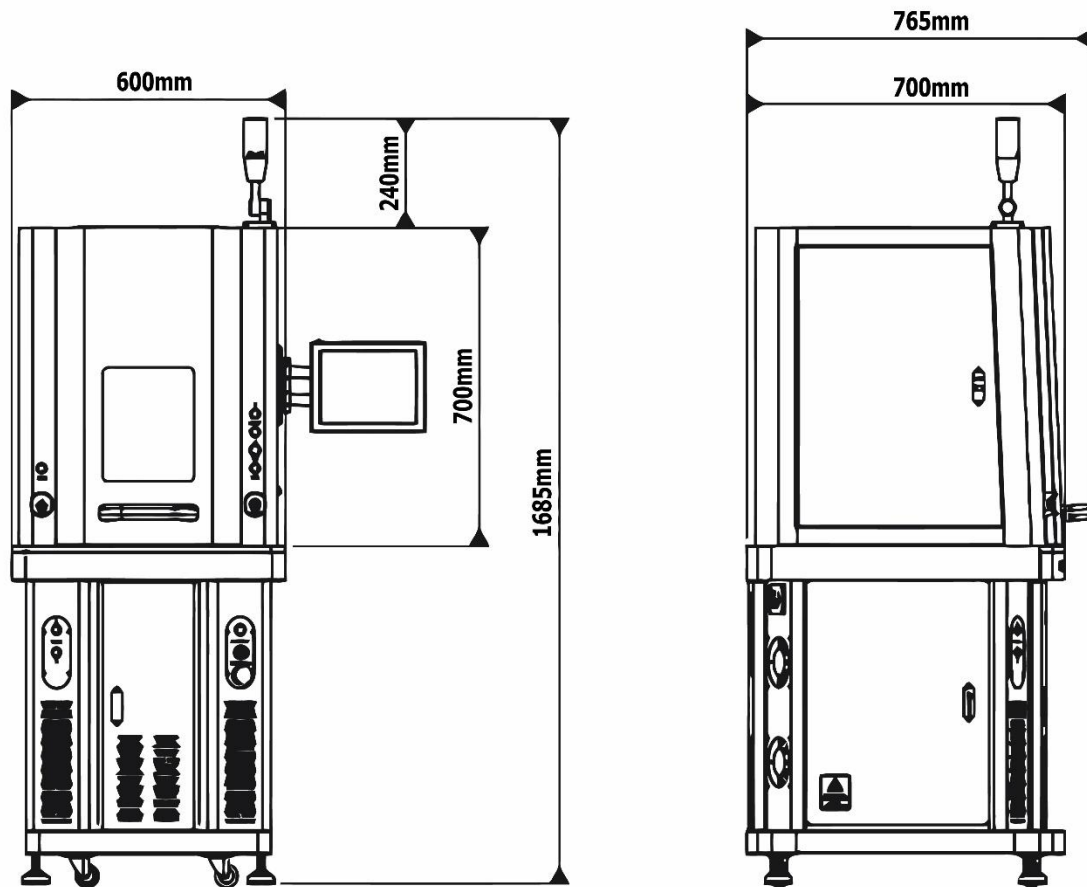
## Besonderheiten:

- Strong in many ways. Suitable for use in almost all applications that can be solved with fiber lasers. Type. Field of application e.g. automotive sector, marking of metals and plastics.
- Lighted workspace
- Optional Touch Screen Display (CU), alternative: Installation of Software on customer device
- Optional rotation axis (for cylindrical products)
- Laser safety glass
- Focus adjustment using two laser diode pointers
- Storage space (drawer, can also be used as a work surface)
- Rotlicht zur Produktplatzierung
- Electrical z-axis
- Layout creation using proven EzCad 2 software
- 3 color alarm light
- Class 1 laser system, classified from Goebel
- Key switch for bridging the safety function. => Laser can be operated with side doors open (for maintenance or larger products) ATTENTION: Class 4

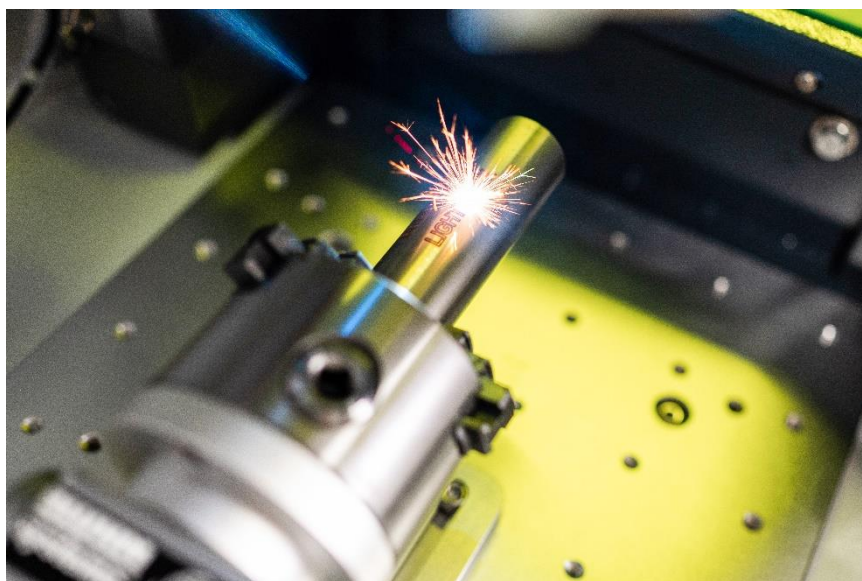
## Inner space:



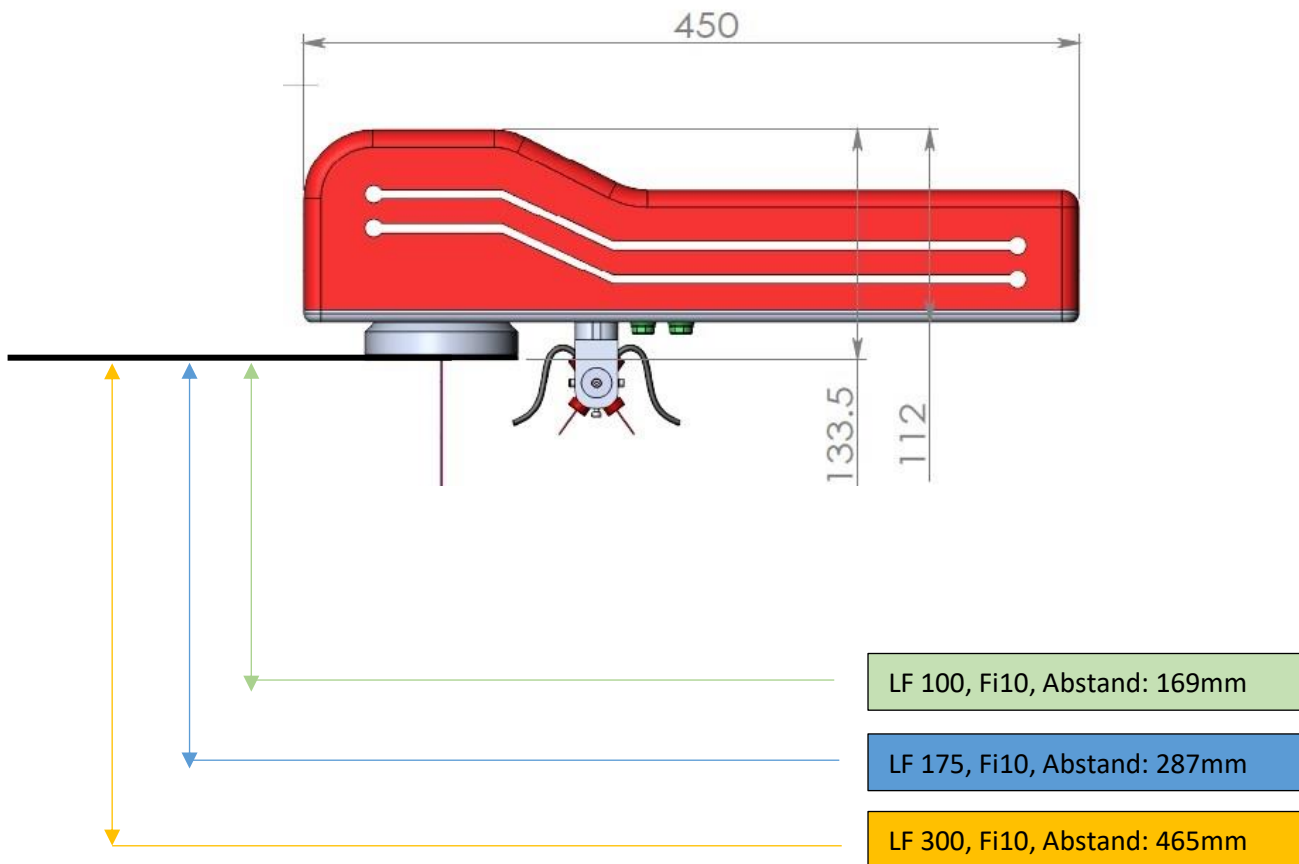
Dimensions:



Option: Rotation Axis for cylindrical products



Focus Distance:



Application examples: Aluminum (also anodized), brass, copper, PA6 and stainless steel

