

TRUMPF - TRULASER 5040 L18 - 2011



Manufacturer: **TRUMPF**

Type: **TRULASER 5040 L18**

Year of manufacturing: **2011**

Parameters: **(X x Y) 4000 x 2000 mm**

Description:

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- beam in 50194 h
machine

working area

- (X x Y) 4000 x 2000 mm

- Z axis 115 mm

max. sheet thickness

- structural steel 25 mm

- stainless steel 20 mm

- aluminum 12 mm

- max. workpiece weight 1800 kg

max. axis speed

- parallel axis 200 m/min

- simultaneous approx. 300 m/min

- max axis acceleration 16 m/s²

accuracy

- smallest programmable path size 0.001 mm

- positioning accuracy 0.05 mm

- repetition accuracy 0.03 mm

- TRUMPF CNC- control Basic Siemens SINUMERIK 840D

- color monitor 12" cm TFT display

- data transfer USB interface

- computing environment PC with embedded Windows XP
laser

- laser type TRUMPF TruFlow 5000

- max. laser power programmable in 1% steps 5000 W

- wavelength 10.6 µm

- beam mode TEM01*

laser consumption values

- laser gas CO₂ 1 NI/h

- N₂ 6 NI/h

- He 13 NI/h

- premixed gas 10 NI/h

- laser cooling closed cooling system

complete equipment

dimensions and weight

- length 13000 mm

- width 5400 mm

- height 2400 mm

- weight 14000 kg
- rated power 33-72 kW
- total network consumption 105 kVA

LoadMaster

- maximum sheet size 3000 mm x 1500 mm
- minimum sheet size 1000 mm x 500 mm
- maximum sheet thickness 25 mm
- maximum sheet weight 900 kg
- weight 2200 kg
- length 3800 mm
- width 2400 mm
- height 2300 mm
- including LOADMASTER
- under power (June 2026)