

TRUMPF - TRULASER 5040 L18 - 2011

	Manufacturer: TRUMPF
	Type: TRULASER 5040 L18
	Year of manufacturing: 2011
	Parameters: (X x Y) 4000 x 2000 mm

Description:

TRUMPF - TRULASER 5040 L18 - 2011

- 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)