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Machine datasheet

stock no.: 1107-3120



Machine type: tube laser cutting machine
Manufacturer: Trumpf
Type: TruLaser Tube 5000 FIBER 3kW (T06)
Serial no.:
YOM: 2015
delivery time: immediately
Location: 72479 Strassberg



technical details:

Working hours laser on:	32824 h
Working hours beam on:	28572
Laser power:	3000 kW
Max. steel:	8 mm
Max. stainless steel:	5 mm
Max. aluminium:	6 mm
Max. copper:	4 mm
Max. brass:	4 mm
Length:	18000 mm
Width:	9000 mm
Height:	2800 mm
Machine weight:	21000 kg
max. tube length:	6500 mm
max. length finished parts:	4500 mm
max. tube diameter:	152 / 170 mm
min. tube diameter:	12 mm
max. tube weight:	25 kg/m

Standard configuration:

Machine:

Stable machine frame

Pipe support raw material with automatically retractable pipe supports

Push-through chuck with self-centering parallel clamping rollers

High-precision drives

LoadMaster Tube 6.5m with bundle trough

exclusion station

parts tray

Pipe support finished part with extendable guide rollers

Scrap conveyor belt with bin

Closed beam guidance via fiber optic cable (LLK)

PierceLine

NitroLine

FocusLine

Programmable cutting gas pressure

automatic switch-off

Ergonomic control panel with color touch screen

Trump TruLaser:

External solid-state laser TruDisk 3001 with 1 LLK outlet, diode-pumped disk laser with a wavelength of 1.03 nm

Excitation via pump diodes

laser power control

Logbook function LAser

cutting unit:

universal cutting unit

One cutting head strategy

ControlLine

control:

Sinumerik 840 D SL

easy handling

Online help

Integrated technology data

Teleservice via the Internet

Data transfer:

RJ45 network connector

USB

Security:

CE marking

multi-beam light barriers

Monitoring system for gas pressure, temperature and cooling water

Compact dedusting system

Protective cabin with certified safety panes

Extended machine accessories:

- Rapid Cut
 - Bevel cut technology package
 - Finished part length +1.5 m (to 4.5 m)
 - SeamLine Tube
 - Wireless Operation Point
 - Low-scratch version LoadMaster Tube 6.5 m
 - Tube diameter 15 mm
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Automation:

- LoadMaster Tube 6,5 m with bundle support

Description:

This reliable all-around machine replaces conventional, separate manufacturing operations such as sawing, drilling, milling and punching, and enables the ideal entry into the laser tube processing industry. It owes its high productivity to the perfectly coordinated operation of its components, from the laser unit and its beam guidance system to the clamping units and system control software as well as the tube and profile handling modules.