

## Trumpf TruLaser Tube 5000 T06 Fiber 3000 Watt

Year 07/2019

Machine hours: about 28.000 / 22.000 / 14.000 h



### **Standard equipment**

#### **Machine**

- Feed station with self-centering clamping jaws
- Tube support (raw material) with automatically retractable tube supports
- Push-through chuck with self-centering clamping rollers
- Work area lightning
- Tube support (finished part) with extendable guide rollers
- High-precision drives
- Parts rack (contains 1 belt table and belt table extension)

#### **Laser**

- Laser power control
- laser log book function
- Closed beam guidance via fiber optic cable (LLK)
- Excitation via pump diodes

#### **Cutting head**

- Lens cutting head with 150 mm focal length

#### **Control**

- Integrated technology data
- Trumpf control based on Sinumerik 840 D SL
- Automatic switch-on and shut-down device
- Programmable gas pressure
- Condition Guide
- Interface Remote Support
- Rotatable control desk with 19" touchscreen

### **Functions**

- ControlLine
- FocusLine
- NitroLine

### **Data transfer**

- USB interface
- Online update manager
- RJ 45 network connection
- Central Link
- Wireless Operation Point

### **Safety**

- safety cabin with Macrolon panels
- Monitoring system for gas pressure, temperature and cooling water
- CE marking
- one-beam and two-beam light barriers

### **Advanced standard equipment**

- Solid-state laser TruDisk 2001 with 1 fiber optic cable laser output
- LoadMaster Tube for 6.5 m raw material length
- Laser chiller unit (water – air)
- Machine bed for 6,5 m raw material length
- Part removal station for 3,0 m finished part length
- Compact dust extraction unit

### **Machine accessoires**

- Guide rollers for round and rectangular tubes
- Clamping jaws up to D152 mm
- Quick change form cups for rectangular tubes
- Quick change form cups for round tubes up to D152 mm

### **Additional options**

- Machine bed for 8,0 m raw material length
  - Stable steel sheet welding construction
  - High accurate, hardened guides
- Loadmaster Tube for 8,0 m raw material length
  - Automatic tube supply
  - Integrated length measurement and zero point positioning
  - Conveyor line
- Finished part length +1,5 m
  - Incl. additional finished part support
- Solid-state laser TruDisk 3001
- RapidCut
  - Using a dynamic additional axis
  - More than 4 times accelerations possible

- SeamLine Tube with inside detection
  - Welding seam detection inside and outside of the tube
- PierceLine
  - Optimal piercing
- Dot Matrix Code
  - Parts identification marking
- Bundle magazine LoadMaster Tube
  - Max. bundle weight 5000 kg
- Automatic set-up LoadMaster Tube
  - Automatic set-up of tray height and tray width
- Low-scratch version LoadMaster Tube
  - plastic rolls and plastic brackets
- Installation of Loadmaster Tube in the front
- CO2 fire extinguisher for compact dust extraction unit









