

Trumpf TruLaser Tube 7000 (T03) 3600 Watt with Bevel Cut + Tapping

Year: Feb.2020

Machine hours: about 28.000 / 25.000 / 8.000 h

Power: 3600 Watt



Standard equipment

Machine

- Feed station with self-centering clamping jaws
- Tube support (raw material) with automatically retractable tube supports
- Feed-through chuck with self-centering tensioning rollers
- Work area illumination
- Tube support (finished part) with extendable guide rollers
- High-precision drives

Laser

- TASC laser control system
- Radio-frequency excitation
- Laser power control
- Laser log function
- Maintenance-free radial turbine blower

Cutting head

- Lens cutting head with 155 mm focal length

Control

- Trumpf control system based on Sinumerik 840D SL
- Integrated technology data
- Auto switch on and shutdown
- Programmable cutting gas pressure
- Remote support interface
- Pivoting control panel with 19" touch screen

Functions

- ControlLine
- FocusLine
- NitroLine

Data transmission

- USB interface
- RJ 45 network interface
- Central Link
- Online Update Manager

Accessoires

- Clamping jaw pair up to D 204 mm
- Guide rollers, round/rectangular tubes

Safety

- CE marking
- Protective cabin with laser protective screens
- Monitoring system for gas pressure, temperature and cooling water
- One and two-beam safety light barriers

Additional equipment

- Machine bed for 9.2 m raw material length
- Sturdy steel-plate welded construction
- High-precision, hardened guides
- LoadMaster Tube for 9.2 m raw material length with bundle space
- Automatic tube delivery
- Bundle space with plastic bars (low-scratch)
- Integrated length measurement and zero point positioning
- Three grippers
- Flexible part-removal station for 6.5 m finished part length
- Finished part length + 1.5 m
- Maximum finished part weight depends on the basic length of the part-removal station
- No additional finished part support
- Movable conveyor table 2 pieces
- Scrap conveyor belt with container for part-removal station 6.5 m
- **TruFlow 3600** with LensLine and optimized standby mode

- Technology package for tapping

- Additional machining processes such as flow drilling, tapping + twist drilling
- NC controlled spindle with standard clamping system (standard interface HSK-A32)
- The application and technology parameters of the tool adapter and tools are to be inquired about at the respective supplier
- 8-fold tool changer

- Bevel cut technology package

- Bevel cutting up to max. 45°
- Contains electrically movable feed-through chuck
- Application-specific restrictions may arise depending on the respective material properties or the desired machining process
- SeamLine Tube with inner detection
- Weld seam detection on inside and outside of tube
- PierceLine
- Optimised piercing process
- Outer circle diameter 254 mm LoadMaster Tube
- Extension of the working range up to an outer circle of 254 mm
- Low-scratch bundle space LoadMaster Tube
- Plastic strips
- Swivel-mounted conveyor system low-scratch LoadMaster Tube
- Conveyor system with plastic elements
- Front LoadMaster Tube installation
- Outer circle diameter 254 mm, with clamping jaw pair
- Extension of the working range up to an outer circle of 254 mm
- Additional clamping system for outer circle diameter of 80 mm - 254 mm
- Adaptive clamping system - feed station
- Additional clamping elements for clamping L and U profiles and flat material
- Adaptive clamping system - feed-through chuck package 2
- Special clamping rollers for clamping of L and U-profiles and flat material
- Wireless Operation Point









