

Trumpf TruLaser 3040 (L32) 5kW

Year 2019

Machine hours: about 16.000h / 8.000h



Standard equipment

- Closed machine frame with integrated laser unit
- Motion unit for high precision processing
- Torque drive in combination with direct linear drives
- Enclosed beam delivery system
- Single cutting head strategy
- Chiller
- Automatic pallet changer
- Conveyor belt for small parts / slug
- 19" Touch screen
- Work area lighting
- Positioning laser diode
- Spray device
- PierceLine
- FocusLine
- NitroLine
- PlasmaLine

TRUMPF Laser

- CO2 laser TruFlow 3200 with optimized standby
- Maintenance-free radial turbine blower
- Radio-frequency excitation
- Laser control TASC
- Laser power control
- Logbook function laser

Cutting head

- Lens cutting head with 250mm focal length
- Universal quickchange device for cutting head (UTI)
- LensLine with status check
- ControlLine: automatic height control and sheet edge detection
- Lens with RFID chip

Control

- Control SINUMERIK 840D SL
- Easy operating
- Easy shop floor programming
- Fast reproduction
- Automatic shut-down device
- ContourLine
- FastLine
- FlyLine
- Microweld
- Production plan
- AdjustLine
- Teleservice by internet
- Condition Guide
- Advanced machine sensors for Condition Guide

Data Transfer

- USB - interface
- RJ45 network connection
- Wireless Operation Point (base for Visual Online Support)

Safety

- CE label
- Light barriers
- Multi chamber exhaust system
- Compact dust extractor
- Machine enclosure with Macrolon panels

Additional equipment

- TruFlow 5000 with optimized standby
- Nozzle changer
- Beam adjustment
- Smart Collision Prevention
- DetectLine
- BrightLine
- Integrated camera 1 for process monitoring
- Drop & Cut
- Mobile Control App
- CoolLine
- Crosswise conveyor + container

