

Trumpf TruLaser 5040 L53 6kW + LiftMaster

Year: 2014

Machine hours: 22.000 / 10.500 h

Working area 4.000 x 2.000 x 115 mm



Standard equipment:

Machine

- Closed machine frame with integrated laser unit
- Motion unit for high precision processing
- Gantry drives in combination with linear direct drives
- Enclosed beam delivery system
- One-cutting-head-strategy
- Cooling unit
- Automatic pallet changer
- Convoyeur belt
- TFT colour screen
- Work area lighting
- Positioning laser diode
- Oil spraying device
- PierceLine
- FocusLine
- NitroLine
- PlasmaLine

Laser

- CO2-laser TruFlow 6000 energy-efficient
- Maintenance-free radial turbine blower
- Radio-frequency excitation
- Laser control TASC
- Laser power control
- Logbook function laser

Cutting head

- Laser cutting head with 250 mm lense
- Universal quickchange device for cutting head with bus interface
- LensLine
- ControlLine
- Lense with RFID chip

Control

- Control Sinumerik 840D SL
- Easy shopfloor programming
- Advanced shopfloor programming
- Fast reproduction
- Integrated technology data
- Automatic shut-down device
- Programmable gas selection / pressure setting
- ContourLine
- FastLine
- FlyLine
- MicroWeld
- Production plan
- AdjustLine
- Teleservice by internet

Data transfer

- USB interface
- RJ45 network connection

Safety

- CE marking
- Light guards
- Monitoring system
- Multi chamber exhaust system
- Compact dust extractor
- Machine enclosure with Macrolon panels

Additional equipment

- Smart Nozzle Automation
- BrightLine
- DetectLine
- CoolLine
- Wide crosswise conveyor incl. container
- Cleaning brush
- Storage interface

Automation:

Main unit LiftMaster

- Peeling unit
- Sheet thickness measuring device
- Extension rake
- Exchangeable prongs

Options:

- Separation of thin sheets ($s=0,8$ to $2,0\text{mm}$)



