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Pielikums Nr. 1

S P E C I F I K Ā C I J A
TRULASER 3040 FIBER

Position	Description	Q-ty
	Basic machine	
1	**TruLaser 3040 fiber (L81)**	**1 piece**

Machine
- Working area: 4000 x 2000 mm
- Box frame
- Longitudinal conveyor belt
- Motion unit for high-precision processing
- Gantry drive in combination with linear direct drives
- Process cooler for machine and laser (water/air)
- Work area illumination
- Pilot laser
- Spraying equipment
- Automatic nozzle cleaning
- Integrated electrical cabinets
- Integrated cabinet
- Closed beam guidance via laser light cable (LLK)
- Machine status light
- Machine ambient temperature 5°C to 40°C
- Transport and installation device

TRUMPF laser
- Excitation using pump diodes
- Laser power control

Cutting unit
- Single cutting head strategy
- Universal cutting unit with adaptive lens system
- Protective glass
- Online condition checking of protective glass
- Automatic nozzle centering

Control
- Quick post-production
- SINUMERIK 840D SL control
- Ergonomic control panel with 21.5" wide-screen multi-touch color display
- Integrated technology data
- Auto-shutdown
- Programmable cutting gas/pressure selection
- Microweld
- Remote support interface
- Production plan
- Multi-sheet processing
- Condition Guide
- Cutting Guide

Functions
- AdjustLine
- ControlLine
- FastLine
- FlyLine
- FocusLine
- NitroLine
- PierceLine
- Copper cutting package
- Brass cutting package

ROLANDS MOISEJS
METĀLAPSTRĀDES DARBGALDI

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Data transmission
- USB interface
- RJ45 network interface
- Central Link
- Online Update Manager

Safety
- CE marking
- Light barriers
- Multi-chamber compact dust extractor
- Enclosed protective housing with certified door viewing panel, right

Advanced standard configuration
- Compact dust extractor
- Sliding roof
- Slats made of mild steel
- External solid-state laser TruDisk 3001 with one laser output
- TruDisk power supply via the machine
- Installation, start-up & instructions
- Network installation via remote support
- Automatic pallet changer in longitudinal direction

Advanced machine equipment
- Price reduction standard pallet changer

Advanced laser equipment

2 **External solid-state laser TruDisk 4001 with one laser output** **1 piece**
- Includes BrightLine fiber, Highspeed cutting package and fusion-cutting performance package

Additional functions, machine

3 **Drop&Cut** **1 piece**
Only in combination with integrated camera 1 or integrated cameras 1 and 2

4 **Integrated camera 1 for process viewing** **1 piece**
View of the front section of the work area (about 2.5 m)

Additional cutting packages

5 **Highspeed Eco cutting package** **1 piece**
- High-speed cutting with low gas consumption

6 **Compressed-air cutting** **1 piece**

External programming

7 **TruTops Boost** **1 piece**
- Machine and programming system from a single source for reliable and optimized NC programs
- Integrated CAD/CAM module

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Technical data

TruLaser 3040 fiber (L81)

Control, hardware, electrics

Control type	Siemens 840D SL
Operating system	Windows 7e
Screen	multi-touch screen
Screen size	21 in
Interface	USB

Axis data - Maximum axis speed

Simultaneous	170 m/min

Axis data - Precision

Central positioning variation Ps	0.03 mm
Positioning deviation Pa	0.05 mm
Smallest programmable increment	0.001 mm

Working range, workpiece size - Nominal working range

X axis	4000 mm
Y axis	2000 mm
Z axis	116 mm
Maximum workpiece weight	2000 kg

Laser-specific data - TruDisk 4001[1)]

Maximum laser power	4000 W
Maximum sheet thickness, mild steel	25 mm
Maximum sheet thickness, stainless steel	20 mm
Maximum sheet thickness, stainless steel[1)]	35 mm
Maximum sheet thickness, aluminum	20 mm
Maximum sheet thickness, copper	8 mm
Maximum sheet thickness, brass	8 mm

Consumption values - TruDisk 4001

Average power input in production	13 kW
Average compressed air consumption	5 m^3/h

Paint

Main color	white, NCS S 0505-R80B
Secondary color	blue, RAL DESIGN 250 20 20
Electrical cabinets/periphery	gray, RAL 7040

PRECE izcenojums kopumā ar PVN 21%: