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## Technical data sheet TRUMPF TRUMATIC 600L



### Punching Machine TRUMPF TRUMATIC 600L

<b>Brand:</b>	TRUMPF
<b>Model:</b>	TRUMATIC 600L
<b>Type:</b>	CNC Punching Machine
<b>Control:</b>	Siemens Sinumerik 840 D
<b>Working Area Laser (XxY):</b>	3085 x 1280 mm
<b>Working Area Punch (XxY):</b>	3085 x 1370 mm
<b>Laser Power:</b>	1800 Watts
<b>Max Punching Power:</b>	22 ton
<b>Max punching diameter:</b>	76.2 mm
<b>Max. plate thickness:</b>	8 mm
<b>Max. Stroke rate (1/min):</b>	600

**Machine Weight |** 16000 kg

#### Standard Configuration:

##### Machine:

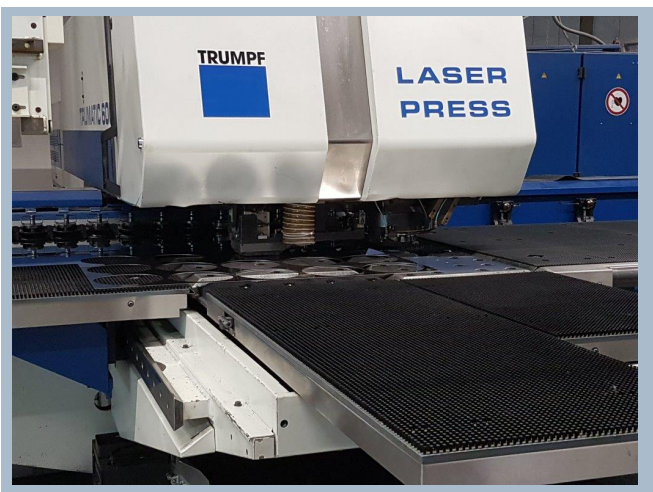
- Max workpiece weight 200 kg
- Max positioning speed X axis 90 m/min
- Max positioning speed Y axis 60 m/min
- Simultaneous positioning speed 108 m/min
- Working area of laser and punching combines 2585 x 1280 mm
- 19 tool places including clamps
- Tool changing time of 1.5-5 seconds
- Connection power 62kVA
- Stable C-Frame
- Co-ordinate guide
- Linear magazine with 19 tool stations and 2 clamps
- Drives with maintenance free servo motors



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#### Standard Configuration:

- Programmable holding down device for adjustment with adjustable hold-down force
- Sensor-controlled divider slide for punching and laser station, ejection cylinder on laser slide
- Laser unit: high frequency Co2 laser TLF 1800 turbo, vibration proof
- Inegrated machine frame, including cooling unit
- Laser control unit TASC 200
- Laser cutting head 5" lens
- Punching head: Hydraulic mono tool holder 360° rotation for all tools, automatic tool length compensation, tool spray lubrication, punching suction
- Control: Open control on a PC basis, easy operation and networking, online help, diagnostic functions, maintenance logbook, technological data, teleservice
- Safety: multi-beam light-barriers, laser monitoring system, quick disconnect hydraulics, compact dust extractor, protective device against stray radiation at the cutting head
- BNC-Interface
- HI-LAS High pressure cutting

#### Advanced Punching Equipment:

- MultiTool drive
- Thread form
- Automatic shut off

#### Additional Equipment:

- Sheetmaster
- GripMaster
- Loading tables