

Combination laser punches (9)

Combination laser punches



COMBINATION LASER 2585 X 1280 - WATT 2400
Model : TC 600L-1300
Manufacturer : TRUMPF
COMBINATION LASER MACHINE TRUMPF TYPE TC 600L-1300 USED YEAR 1998
MOVEMENT AXES X
MM 2585
MOVEMENT AXES Y
MM 1280
X SPEED MAX.
M/MIN 90
Y SPEED MAX.
M/MIN 60

SPEED MAX

M/MIN 108

NUMBER OF STROKES

1/MIN 600

NUMERIC CONTROL

SIEMENS SINUMERIK 840D

LASER POWER

WATT 2400

PUNCH DIAM. MAX

MM 76,2

PLATE THICKNESS MAX.

MM 8

TOOLS AUTOMATIC CHANGING

STK 19

PUNCH POWER MAX.

KN 220

COLOR

BIANCA BLU

WEIGHT

KG 16700

PNEUMATIC POWER

NM3/H

ELECTRICAL POWER

KVA 65

DIMENSION

MM 8100 X 7500 X 2400 H

STANDARD CONFIGURATION:

- STABLE C-FRAME - COORDINATE GUIDE WITH INTEGRATED LINEAR MAGAZINE, 19 TOOL STATIONS, 2 CLAMPS
- DRIVES: MAINTENANCE-FREE, THREE-PHASE SERVO MOTORS
- SENSOR-MONITORED PART CHUTES 500 X 500 MM FOR PUNCHING AND LASER STATION
- AUTOMATIC SHUTDOWN
- LASER UNIT: CO2 LASER TLF 2400 TURBO, RADIO-FREQUENCY EXCITED, INSULATED AGAINST VIBRATIONS, INTEGRATED IN MACHINE FRAME, INCL. CHILLER, AND LASER CONTROL TASC 200
- HI-LAS HIGH PRESSURE CUTTING
- CONTOURLAS FOR PRODUCING SMALL HOLES
- PROGRAMMABLE CUTTING GAS PRESSURE SETTING
- LASER CUTTING HEAD: 5 LENS, QUICK-CHANGE DEVICE
- ADDITIONAL LASER CUTTING HEAD WITH 7.5 LENS
- PUNCHING HEAD: HYDRAULIC SINGLE TOOL ADAPTER, 360° ROTATION OF ALL TOOLS, AUTOMATIC TOOL LENGTH COMPENSATION, SPRAY TOOL LUBRICATION
- SINUMERIK 840D CONTROL: OPEN PC-BASED CONTROL SYSTEM, EASY TO USE, ONLINE HELP, DIAGNOSTIC FUNCTIONS, MAINTENANCE LOGBOOK, TECHNOLOGY DATA, TELESERVICE, 3.5" DISK DRIVE, BNC/RJ45 CONNECTION - EXTERNAL CONTROL DESK WITH SHELF AND 3 DRAWERS
- SAFETY: MULTI-BEAM LIGHT BARRIERS, LASER MONITORING SYSTEM, RAPID HYDRAULIC SHUTDOWN, EXTRACTION SYSTEM AND COMPACT DUST EXTRACTOR, LASER GUARD AGAINST SCATTERED RADIATION AT THE CUTTING HEAD



COMBINATION LASER 3000 X 1500 - WATT 1500

Model : TC 600L-1600

Manufacturer : TRUMPF

COMBINATION PUNCHING LASER MACHINE TRUMPF TYPE TC 600 L - AXES X MM 3000 - AXES Y MM 1500  
- LASER POWER W 1500 - YEAR 1996/1997.

Movement Axes X

Mm 3000

Movement Axes Y

Mm 1500

X Speed Max.

M/Min 90

Y Speed Max.

M/Min 60

Speed Max

M/Min 108

Number Of Strokes

1/Min 600

Numeric Control

Siemens Sinumerik 840d

Laser Power

Watt 1500

Punch Diam. Max

Mm 76,2

Plate Thickness Max.

Mm 8

Tools Automatic Changing

Stk 19

Punch Power Max.

Kn 220

Color

Bianca Blu

Weight

Kg 16700

Pneumatic Power

Nm<sup>3</sup>/H

Electrical Power

Kva 65

Dimension

Mm 8100 X 7500 X 2400 H

Standard configuration:

- Stable C-frame
- Coordinate guide with integrated linear magazine, 19 tool stations, 2 clamps
- Drives: Maintenance-free, three-phase servo motors
- Programmable presser foot for repositioning
- Sensor-monitored part chutes 500 x 500 mm for punching and laser station, ejection cylinder on the laser chute
  
- 2 parts containers
- Automatic shutdown
- HI-LAS high pressure cutting
- ContourLas for producing small holes
  
- Punching head: Hydraulic single tool adapter, 360° rotation of all tools, automatic tool length compensation, spray tool lubrication, 2nd lubricant container, vacuum slug removal, swarf bucket
  
- Sinumerik 840D control: Open PC-based control system, easy to use, Online help, diagnostic functions, maintenance logbook, technology data, Teleservice, 3.5" disk drive, BNC/RJ45 connection
- New PLC year 2009



COMBINATION LASER MACHINE 2500 X 1250 - WATT 2000

Model : TRUMATIC 3000 L LASER

Manufacturer : TRUMPF

COMBINATION TRUMPF TYPE TRUMATIC 3000 L LASER 2000 WATT 1250 X 2500 – YEAR 2006 - INSTALLED  
 YEAR 2008 - WORKING HOURS APPROX. NR. 50.

Movement Axes X

Mm 2500

Movement Axes Y

Mm 1250

Laser

TruCoax 2000, 2000 Watt

Nr. Tools

19

Max. metal sheet thickness

4 mm (mild steel)4 mm (stainless steel)4 mm (Aluminium)

Max. power of punching

165 kN

Max. frequency punching-strokes (E = 1 mm)

600 1/min

Max. frequency marching-strokes

1300 1/min

Max. axes speed

108 m/min (simultaneous, X e Y)

Dimensions

ca. 6800 mm x 6150 mm

Technical configuration:

- Function Multitool
- Function Multibend
- Function Maschiatura
- Function Marching
- Function Rullatura
- Function Soft Punch
- Additional hydraulic clamp
- Repositioning with cylinder
- Nr 19 Cartridges Rtc



COMBINATION LASER TRUMPF TC 6000L	
Model : TC 6000L	
Manufacturer : TRUMPF	
COMBINATION MACHINE "TRUMPF" TC 6000L 1600 - 2585 X 1600 MM – WATT 2700 – DELIVERY YEAR 2004	
Movement Axis X	
Mm 2585	
Movement Axis Y	
Mm 1650	
Numeric Control	
Siemens Sinumerik 840D	
Power Laser	
Watt 2700	
Max Diameter	

Mm 76,2

Max thickness

Mm 8

Power of punching

Ton 22

Dimensions

Mm 7900 X 9100 X 2400 H

Technical specifications:

- Coordinate guide with integrated linear magazine
- N° 21 stations for Tools and Clamps
- N° 3 Clamps
- Drives: Maintenance-free, three-phase servo motors
- Sensor-monitored part chutes 500 x 500 mm for punching and laser station
- 2 parts containers
- Chiller Unity
- Control Laser Unit TASC 3
- HI-LAS high pressure cutting
- SprintLas
- ContourLas for producing small holes
- Laser Cutting Head of 5" with lens – Rapid change
- Distance control APC
- Additional Cutting Head of 7,5" with lens

- Punching head: Hydraulic single tool adapter, 360° rotation of all tools, automatic tool length compensation, spray tool lubrication,
- Sinumerik 840D control: easy to use, Online help, diagnostic functions, maintenance logbook, technology data, Teleservice, 3.5" disk drive, BNC/RJ45 connection
- System of security: multibeam light columns,

Equipment:

- AutoLas Plus
- Function Multitool
- Function Multishear
- Function Gewindeformen
- Function Signieren / Schnelles Sicken
- Function Multibend
- Function SoftPunch
- Automatic shut-down
- Bulge detection
- ASC (Advanced Stripper Control)
- N° 18 Cartridges
- Multiset ITM

Automatic Automation Load-Unload Sheet Master

- TRL SheetMaster 1606
- Trumagrip 3000 x 1500 mm
- Trumasort L



COMBINATION LASER TRUMPF TC 6000L

Model : TC 6000L

Manufacturer : TRUMPF

COMBINATION MACHINE "TRUMPF" TC 6000L 1600 - 2585 X 1600 MM – WATT 3200 – DELIVERY YEAR 2005

Configuration:

Laser TLF 3200 with cutting head and lens of 9" AutoLas Nr. 18 cartridges RTC Multiset ITM Gear Multitool  
Function Marking Function Multishear Function Multibend Softpunch Nr. 1 additional hydraulic clamp Repositioning  
with pneumatic cylinder Installation on air-cushions Automatic shut-down Chip conveyor with container Blow out  
device for small parts Rapid disconnection in the event of shrunken metal sheet Sheet Master 1606 Short Unload  
testing device TRUMAGRIP completed TRUMASORT R4 Interface to take raw material and warehousing Safety  
devices Cell-Client (Order tabel) Cell-Server (management warehouse) Additional position Cell-Server TruTops 300  
completed + nesting + module automation Tools package

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Product name	Category	Page
COMBINATION LASER TRUMPF TC 6000L - Saturday 24 February	Combination laser	15
COMBINATION LASER TRUMPF TC 6000L - Tuesday 19 January,	Combination laser	14
COMBINATION LASER MACHINE 2500 X 1250 - WATT 2000 - Saturday 12 December	Combination laser	11
COMBINATION LASER 3000 X 1500 - WATT 1500 - Friday 10 April, 200	Combination laser	9
COMBINATION LASER 2585 X 1280 - WATT 2400 - Sunday 01 February,	Combination laser	5