

Laser cutting (50)

Laser cutting



CUTTING LASER 3000 X 1500 - WATT 3000
Model : BYSPRINT 3015
Manufacturer : <i>BYSTRONIC</i>
CUTTING LASER MACHINE BYSTRONIC TYPE BYSPRINT 3015 USED.
Working area
Mm 3000 x 1500
Movement Axes Z
Mm 1500
Tolerance of repeatability
+/- Mm 0,05
Max. speed of simultaneous positioning X/Y
M/Min 169

Capacity of the table

Kg 880

Laser Power

Watt 3000

Wavelength

$\mu\text{m}$  10.6

Polarization

Circolare

Consumption of gas for laser (minimum value)

- Helium (Purity min.: 99.996%)
- Nitrogen (Purity min.: 99.999%)
- Carbon dioxide (Purity min.: 99.995%)

ca. 36 NI/h

ca. 19 NI/h

ca. 1.3NI/h

Max. absorption

kVA 54

Max thickness of cutting

Mm 20

Color

Red, blue-violet, light grey chiaro, dark grey

Equipment:

- Safe security;
- System of aspiration;
- Automatic canche pallet;
- N° 1 Cutting head of 5";
- N° 1 Cutting head of 7,5"



CUTTING LASER 3000 X 1500 MM - WATT 3000
Model : BETA3
Manufacturer : AMADA
CUTTING LASER MACHINE "AMADA" TYPE BETA 3 USED YEAR 2000. Technical specifications: - Movement axis X: Mm 3000- Movement axis Y: Mm 1500- Laser Power: Watt 3000- Max thickness of cutting: Mm 20 Laser technical specification:- Laser Beta Turbine hours 11/12000 - Total Laser hours 37740 Equipments:- Safe security- Chiller- Aspiration system Optional: AUTOMATIC STORE OF LOAD UNLOAD



CUTTING LASER GHT TYPE 2040
Model : 2040
Manufacturer : GHT
CUTTING LASER MACHINE GHT TYPE 2040 – YEAR 2001
Working area
4000 X 2000 mm
Laser Power
2500 watt
Source
Rofin Sinar

Height working table

1000 mm

Max. Capacity of load

1200 kg

Movement axis X

Movement axis Y

Movement axis Z

4100 mm

2030 mm

120 mm

Max. speed axis X/Y/Z

90/60 mm'

Max thickness of cutting Fe

20 mm

Max thickness of cutting inox

10 mm

Max thickness of cutting Al

6 mm

Cnc

Siemens 840 D

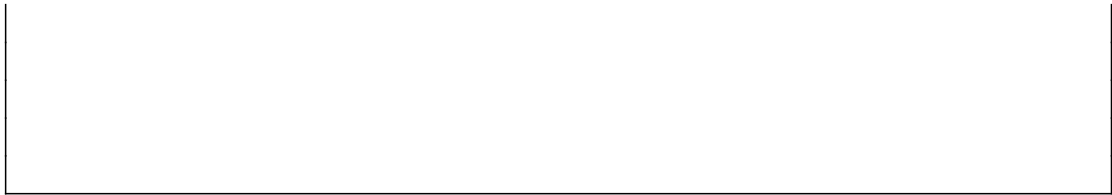
Cambio pallet

Dimensions

Lunghezza 15000 mm Larghezza 6900 mm Altezza 2200 mm

Weight approx.

20000 kg



CUTTING LASER MACHINE 1250 x 1250 - WATT 1000
Model : JUNIOR
Manufacturer : MAZAK
CUTTING LASER MACHINE MAZAK TYPE JUNIOR - W 1000 - USED YEAR 2000 – WORKING HOURS NR. 2690
Movement Axes X
Mm 1250 – with Ripositioning Mm 2500
Movement Axes Y
Mm 1250
Laser Power
Watt 1500
Max thickness of cutting: Fe

Mm 12

Controll

Mazatrol

Color

Blue White

- Standard configuration:
- Cutting head with lens;
  - Security Multi-Beam;
  - Cutting head with capacitive sensor

Movement Axes X

Mm 1250 – with Ripositioning Mm 2500

Movement Axes Y

Mm 1250

Laser Power

Watt 1500

Max thickness of cutting: Fe

Mm 12

Controll

Mazatrol

Color

Blue White

- Standard configuration:
- Cutting head with lens;
  - Security Multi-Beam;
  - Cutting head with capacitive sensor



CUTTING LASER MACHINE 2500 X 1250 - W 2000

Model : TC L2510

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L2510 - TLF 2000 - WITH AUTOMATIC SYSTEM OF LOAD/UNLOAD - USED YEAR 2006

Movement asse x

Mm 2500

Movement asse y

Mm 1250

Movement asse z

Mm 115

Max. speed simult. x-y

M/min 170

Numeric control

Siemens sinumerik 840 d

Laser power

Watt 2000

Max thickness of cutting: fe

Mm 12

Max thickness of cutting: inox

Mm 6

Max thickness of cutting: allum

Mm 5

Precision min. programable stroke

Mm 0,001

Consumption eletctr. approx.

Kw 20-45

Color

Bianco blue

Dimension approx.

Mm 10500 x 5500 x 2400 h

Standard configuration:

- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working area light
- automatic shut down
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- logbook function
- automatic sheet edge detection

- programable cutting gas pressure setting
- programable power cycles
- plasma sensor system pms
- sprint - las
- contour – las
- auto-las plus
- control: open pc-based control system, easy to use, online help, diagnostic functions, maintenance logbook, technologie data, teleservice, 3.5" floppy disk drive, bnc-/rj45 connection
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 2500 X 1250 - WATT 3200
Model : TC L2530
Manufacturer : TRUMPF
CUTTING LASER MACHINE TRUMPF TYPE TC L2530 – WATT 3200 – USED YEAR 2001
Movement Asse X
Mm 2500
Movement Asse Y
Mm 1250
Movement Asse Z

Mm 115

Max. Speed Asse X

M/Min 60

Max. Speed Max. Asse Y

M/Min 60

Max. Speed Simult. X-Y

M/Min 85

Numeric Control

Siemens Sinumerik 840d

Laser Power

Watt 3200

Max Thickness Of Cutting: Fe

Mm 20

Max. Weight Of Material

Kg 710

Precision Min. Programable Stroke

Mm 0,01

Consumption Eletctr. Approx.

Kva 88

Weight

Kg 6500

Color

Bianco Blue

Dimension Approx.

Mm 6500 X 5400 X 2000 H

Equipment:

- Closed machine frame with integrated laser unit
  - Laser unit: CO2 laser TLF 3200 radio-frequency excited, mirror telescope, chiller, logbook function
  - Pull-out pallet, automatic lift door
  - Drives: Maintenance-free 3-phase servo motors
  - Cutting head quick-change device
  - Laser cutting head with 5 lens and laser cutting head with 7.5 lens
  - Programmable cutting gas pressure setting
  - Capacitive height regulation (DIAS)
  - High-speed processing with SprintLas
  - Programmable power cycles
  - Sinumerik 840D control: Open PC-based control system, easy to use, Online help, diagnostic functions, maintenance logbook, technological data, Teleservice
  - Safety: Beam delivery is completely encapsulated and ventilated, monitoring system, multi-chamber extraction system and compactdust extractor, safety cabin
  - Network connection (RJ45) through installation via Teleservice
  - 3.5" floppy disk drive
- Additional equipment:
- Automatic pallet changer with light barriers



CUTTING LASER MACHINE 3000 X 1500 - WATT 1800

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 1800 – USED YEAR 2000 – WITH AUTOMATIC SYSTEM OF LOAD/UNLOAD LIFT-MASTER.

MOVEMENT ASSE X

MM 3000

MOVEMENT ASSE Y

MM 1500

MOVEMENT ASSE Z

MM 115

MAX. SPEED ASSE X

M/MIN 60

MAX. SPEED MAX. ASSE Y

M/MIN 60

MAX. SPEED SIMULT. X-Y

M/MIN 85

NUMERIC CONTROL

SIEMENS SINUMERIK 840D

LASER POWER

WATT 1800

MAX THICKNESS OF CUTTING: FE

MM 12

MAX. WEIGHT OF MATERIAL

KG 710

PRECISION MIN. PROGRAMABLE STROKE

MM 0,01

CONSUMPTION GAS LASER CO2

L/H 1

CONSUMPTION GAS LASER N2

L/H 6

CONSUMPTION GAS LASER HE

L/H 13

CONSUMPTION ELETCTR. APPROX.

KW 20-40

WEIGHT

KG 11500

COLOR

BIANCO BLUE

DIMENSION APPROX.

MM 9800 X 4600 X 2000 H

STANDARD CONFIGURATION:

- CLOSED MACHINE FRAME WITH INTEGRATED LASER UNIT
- AUTOMATIC PALLET CHANGER AND LONGITUDINAL CONVEYOR
- DRIVES: MAINTENANCE-FREE 3-PHASE SERVO MOTORS
- WORKING AREA LIGHT
- QUICK CHANGING CUTTING HEAD WITH 5" LENS
- ADDITIONAL CUTTING HEAD WITH 7,5" LENS
- OIL SPRAY DEVICE FOR RELIABLE THICK PLATE MACHINING
- LOGBOOK FUNCTION
- SPRINT - LAS
- CONTOUR - LAS
- AUTO-LAS
- LIGHT BARRIERS: MULTI-BEAM SAFETY LIGHT BARRIERS, COMPLETELY ENCAPSULATED AND PURGED BEAM DELIVERY, MONITORING SYSTEM;
- SAFETY CABIN.



CUTTING LASER MACHINE 3000 X 1500 - WATT 2200

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 2200 - USED - RESONATOR OVERHAULED YEAR 2008 WITH AUTOMATIC SYSTEM OF LOAD/UNLOAD LIFT-MASTER.

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 84

Numeric control

Bosch trumagraph cc 220s

Laser power

Watt 2200

Max thickness of cutting: fe

Mm 15

Max. weight of material

Kg 710

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 5

Consumption gas laser he

L/h 14

Consumption eletctr. approx.

Kw 20-45

Weight

Kg 11500

Color

Bianco blue

Dimension approx.

Mm 9800 x 4600 x 2000 h

Standard configuration:

- closed machine frame with integrated laser unit
- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working area light
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- logbook function
- sprint - las
- contour - las
- auto-las
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 3000 X 1500 - WATT 2400

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 2400 - USED YEAR 2000 - WITH AUTOMATIC SYSTEM OF LOAD/UNLOAD LIFT-MASTER R.

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 85

Numeric control

Siemens sinumerik 840d

Laser power

Watt 2400

Max thickness of cutting: fe

Mm 15

Max. weight of material

Kg 710

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption eletctr. approx.

Kw 33-53

Weight

Kg 11500

Color

Bianco blue

Dimension approx.

Mm 9800 x 4600 x 2000 h

Standard configuration:

- closed machine frame with integrated laser unit
- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working area light

- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- logbook function
- sprint - las
- contour – las
- auto-las
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 3000 X 1500 - WATT 2500

Model : L1 3015

Manufacturer : SALVAGNINI

CUTTING LASER MACHINE SALVAGNINI TYPE L1 3015 USED YEAR 1999

Technical specification:

- Movement axis X: Mm 3000
- Movement axis Y: Mm 1500
- Laser Source: ROFIN
- Laser Power: Watt2500

Equipments:

- Safe security system
- Cutting Head of 5" and 7,5"
- Automatic change pallet
- Aspiration system
- Chiller
- Conveyor

Additional equipment:

- Automatic system of load/unload metal sheet



CUTTING LASER MACHINE 3000 X 1500 - WATT 3000

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 3000 - USED YEAR 1998 -

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 84

Numeric control

Bosch trumagraph cc 220s

laser power

Watt 3000

Max thickness of cutting: fe

Mm 20

Max. weight of material

Kg 710

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 5

Consumption gas laser he

L/h 14

Consumption eletctr. approx.

Kw 37-55

Weight

Kg 11500

Color

Bianco blue

Dimension approx.

Mm 9800 x 4600 x 2000 h

Standard configuration:

- automatic pallet changer and longitudinal conveyor
- automatic shut down
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- light barriers: multi-beam safety light barriers
- safety cabin
- Magnetic turbine



CUTTING LASER MACHINE 3000 X 1500 - WATT 3200

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 3200 - USED WITH INSTALLATION YEAR 2005 - HEAD 3,5" FOR HIGH SPEED CUTTING - PREDISPOSITION FOR LIFT-MASTER - PCS PROCESS CONTROL SYSTEM.

Movement Asse X

Mm 3000

Movement Asse Y

Mm 1500

Movement Asse Z

Mm 115

Max. Speed Asse X

M/Min 60

Max. Speed Max. Asse Y

M/Min 60

Max. Speed Simult. X-Y

M/Min 85

Numeric Control

Siemens Sinumerik 840 D

Laser Power

Watt 3200

Max Thickness Of Cutting: Fe

Mm 20

Max. Weight Of Material

Kg 710

Precision Min. Programable Stroke

Mm 0,01

Consumption Gas Laser Co2

L/H 1

Consumption Gas Laser N2

L/H 6

Consumption Gas Laser He

L/H 13

Consumption Eletctr. Approx.

Kw 26-53

Weight

Kg 11500

Color

Bianco Blue

Dimension Approx.

Mm 9800 X 4600 X 2000 H

Standard configuration:

- HI-LAS height pressure cutting
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- Rapid change of cutting head;
- Automatic recognition external metal sheet edge
- Adjustment of APC height;
- Diodo laser for the cutting head positioning;
- Programmable choice of cutting gas;
- PMS Plasma sensor;
- Sprint-Las

- Contour-Las
- Microweld;
- AutoLas Plus;
- Testing device of laser power;
- Device oil spray;
- Function log-book laser;
- Lighting working area
- Automatic pallet changer and longitudinal conveyor
- System of aspiration;
- TFT color monitor;
- Automatic shutdown
- Light barriers: multi-beam safety light barriers
- ToPs 100 lite
- Network connection RJ45;
- Floppy Disk 3,5";
- Teleservice;
- Safety cabin;

Additional equipment:

- Predisposition for Compressed-Air cutting;
- PCS (Process Control System);
- Height speed cutting with head cutting of 3,75";



CUTTING LASER MACHINE 3000 X 1500 - WATT 4000

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 4000 - USED YEAR 2001 - LIFT MASTER

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 85

Numeric control

Siemens sinumerik 840d

Laser power

Watt 4000

Max thickness of cutting: fe

Mm 20

Max. weight of material

Kg 710

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption eletctr. approx.

Kw 32-65

Weight

Kg 11500

Color

Bianco blue

Dimension approx.

Mm 9300 x 4600 x 2000 h

Standard configuration:

- Closed machine frame with integrated laser unit
  - Laser unit: CO2 laser TLF 4000, radio-frequency excited, mirror telescope, chiller, logbook function
  - Automatic pallet changer
  - Longitudinal conveyor for small parts/trash
  - Drives: Maintenance-free 3-phase servo motors
  - Cutting head quick-change device
  - Laser cutting head with 7,5" lense
  - Laser cutting head with 5" lense
  - Programmable cutting gas pressure setting
  - Capacitive height regulation DIAS
  - Automatic focus regulation AutoLas Plus
  - Positioning laser diode
  - HI-Las high pressure cutting
  - High-speed processing with SprintLas
  - ContourLas for small holes processing
  - Plasma sensor technology PMS
  - Automatic sheet edge detection device
  - Programmable power cycles
  - Microweld
  - Oil spray device for thick sheet handling
  - Automatic shutdown
  - Working area lighting
  - Laser power control
  - Command Sinumerik 840D: open command on PC basis, easy handling Online help, diagnostic function, maintenance logbook, technological data, Teleservice and RJ-45 Network connexion
  - multi-chamber extraction system and compact dust extractor
  - Shopfloor programming ToPs 100 Lite
  - Security: multibeam light barriers, beam delivery entirely capsuled, multi chamber aspiration and compact dust extractor, monitoring system, safety cabin
  - 3,5" floppy disk drive
- Automation
- LiftMaster R, symmetrical left installation including raw material and finished parts platform stripping device and sheet thickness measuring device



CUTTING LASER MACHINE 3000 X 1500 - WATT 4000

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 4000 - USED YEAR 2004/2005 - LIFT MASTER

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 85

Numeric control

Siemens sinumerik 840d

Laser power

Watt 4000

Max thickness of cutting: fe

Mm 20

Max. weight of material

Kg 710

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption eletctr. approx.

Kw 32-65

Weight

Kg 11500

Color

Bianco blue

Dimension approx.

Mm 9300 x 4600 x 2000 h

Standard configuration:

- Closed machine frame with integrated laser unit
- Laser unit: CO2 laser TLF 4000, radio-frequency excited, mirror telescope, chiller, logbook function
- Automatic pallet changer
- Longitudinal conveyor for small parts/trash
- Drives: Maintenance-free 3-phase servo motors
- Cutting head quick-change device
- Laser cutting head with 7,5" lense
- Laser cutting head with 5" lense
- Programmable cutting gas pressure setting
- Capacitive height regulation DIAS
- Automatic focus regulation AutoLas Plus
- Positioning laser diode
- HI-Las high pressure cutting
- High-speed processing with SprintLas
- ContourLas for small holes processing
- Plasma sensor technology PMS
- Automatic sheet edge detection device
- Programmable power cycles
- Microweld
- Oil spray device for thick sheet handling
- Automatic shutdown
- Working area lighting
- Laser power control
- Command Sinumerik 840D: open command on PC basis, easy handling Online help, diagnostic function, maintenance logbook, technological data, Teleservice and RJ-45 Network connexion
- multi-chamber extraction system and compact dust extractor

- Shopfloor programming ToPs 100 Lite
- Security: multibeam light barriers, beam delivery entirely capsuled, multi chamber aspiration and compact dust extractor, monitoring system, safety cabin
- 3,5" floppy disk drive
- Automation
- LiftMaster R, symmetrical left installation including raw material and finished parts platform stripping device and sheet thickness measuring device



**CUTTING LASER MACHINE 3000 x 1500 - WATT 4000**

Model : SUPERTURBO X510

Manufacturer : MAZAK

Cutting laser machine Mazak type SUPERTURBO X510 - Axes X mm 3000 - Axes Y mm 1500 – Laser  
Power W 4000 - Year 2001 - With new system of aspiration

Movement Axes X mm 3000

Movement Axes Y mm 1500

Power max Watt 4000

Color White – Blue



**CUTTING LASER MACHINE 3000 X 1500 - WATT 5000**

Model : TC L3050

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3050 - TLF 5000 - USED YEAR 2003 - AUTOMATIC LOAD  
UNLOAD LIFTMASTER.

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 200

Max. speed max. asse y

M/min 200

Max. speed simult. x-y

M/min 300

Numeric control

Siemens sinumerik 840 d

Laser power

Watt 5000

Max thikness of cutting: fe

Mm 25

Max thikness of cutting: inox

Mm 20

Max thikness of cutting: allum

Mm 12

Max. weight of material

Kg 900

Precision min. programable stroke

Mm 0,001

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption eletctr. approx.

Kw 33-72

Weight

Kg 12000

Color

Bianco blue

Dimension approx.

Mm 11250 x 4600 x 2400 h

Standard configuration:

- closed machine frame with integrated laser unit
- laser unit: co2 laser tlf 5000, radio-frequency excited, mirror telescope, chiller
- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working area light
- automatic shut down
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- logbook function
- automatic sheet edge detection
- dias iii
- programmable cutting gas pressure setting
- programmable power cycles
- plasma sensor system pms
- sprint - las
- contour - las
- auto-las plus
- control: open pc-based control system, easy to use, online help, diagnostic functions, maintenance logbook, technologie data, teleservice, 3.5" floppy disk drive, bnc-/rj45 connection
- mde interface
- shopfloor programming tops 100 lite
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 3000 X 1500 - WATT 5000

Model : TC L3050

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3050 - TLF 5000 - USED YEAR 2006.

Movement asse x

Mm 3000

Movement asse y

Mm 1500

Movement asse z

Mm 115

Max. speed asse x

M/min 200

Max. speed max. asse y

M/min 200

Max. speed simult. x-y

M/min 300

Numeric control

Siemens sinumerik 840 d

Laser power

Watt 5000

Max thickness of cutting: fe

Mm 25

Max thickness of cutting: inox

Mm 20

Max thickness of cutting: allum

Mm 12

Max. weight of material

Kg 900

Precision min. programable stroke

Mm 0,001

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption electctr. approx.

Kw 33-72

Weight

Kg 12000

Color

Bianco blue

Dimension approx.

Mm 11250 x 4600 x 2400 h

Standard configuration:

- closed machine frame with integrated laser unit
- laser unit: co2 laser tlf 5000, radio-frequency excited, mirror telescope, chiller
- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working are light
- automatic shut down
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- logbook function
- automatic sheet edge detection

- dias iii
- programable cutting gas pressure setting
- programable power cycles
- plasma sensor system pms
- sprint - las
- contour - las
- auto-las plus
- control: open pc-based control system, easy to use, online help, diagnostic functions, maintenance logbook, technologie data, teleservice, 3.5" floppy disk drive, bnc-/rj45 connection
- mde interface
- shopfloor programming tops 100 lite
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 4000 X 2000 - WATT 2600
Model : TC L4030
Manufacturer : TRUMPF
CUTTING LASER MACHINE TRUMPF TYPE TC L4030 - TLF 2600 - YEAR 1996
Movement asse x
Mm 4000
Movement asse y
Mm 2000

Movement asse z

Mm 100

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 84

Numeric control

Bosch trumagraph 220s

Laser power

Watt 2600

Max thickness of cutting: fe

Mm 20

Precision min. programable stroke

Mm 0,01

Consumption eletctr. approx.

Kw 33-53

Weight

Kg 16000

Color

Bianco blue

Dimension approx.

Mm 13500 x 6300 x 2100 h

Standard configuration:

- automatic pallet changer and longitudinal conveyor
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 4000 X 2000 - WATT 2600

Model : TC L4003

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L4003E - TLF 2600

Movement asse x

Mm 4000

Movement asse y

Mm 2000

Movement asse z

Mm 100

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 84

Numeric control

Bosch trumagraph 220s

Laser power

Watt 2600

Max thickness of cutting: fe

Mm 15

Precision min. programable stroke

Mm 0,01

Consumption eletctr. approx.

Kw 33-53

Weight

Kg 19300

Color

Bianco blue

Dimension approx.

Mm 13500 x 6300 x 2100 h

Standard configuration:

- automatic pallet changer and longitudinal conveyer
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens
- oil spray device for reliable thick plate machining
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 4000 X 2000 - WATT 3200

Model : TC L4030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L4030 - TLF 3200 - USED YEAR 2004

Movement asse x

Mm 4000

Movement asse y

Mm 2000

Movement asse z

Mm 115

Max. speed asse x

M/min 60

Max. speed max. asse y

M/min 60

Max. speed simult. x-y

M/min 85

Numeric control

Siemens sinumerik 840d

Laser power

Watt 3200

Max thickness of cutting: fe

Mm 20

Max. weight of material

Kg 1250

Precision min. programable stroke

Mm 0,01

Consumption gas laser co2

L/h 1

Consumption gas laser n2

L/h 6

Consumption gas laser he

L/h 13

Consumption eletctr. approx.

Kw 26-53

Weight

Kg 16000

Color

Bianco blue

dimension approx.

Mm 11600 x 5200 x 2000 h

Standard configuration:

- closed machine frame with integrated laser unit
- automatic pallet changer and longitudinal conveyor
- drives: maintenance-free 3-phase servo motors
- working are light
- automatic shut down
- quick changing cutting head with 5" lens
- additional cutting head with 7,5" lens

- oil spray device for reliable thick plate machining
- logbook function
- programable cutting gas pressure setting
- programable power cycles
- sprint - las
- contour – las
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER MACHINE 4000 X 2000 - WATT 4000

Model : FO-4020NT

Manufacturer : AMADA

CUTTING LASER MACHINE AMADA TYPE FO-4020NT - WATT 4000 – N° 2 PALLET – AUTOMATIC STORE - USED YEAR 2006 – WORKING HOURS APPROX. N° 8000.

Movement Asse X

Mm 4000

Movement Asse Y

Mm 2000

Movement Asse Z

Mm 0-200

Max. Speed Simult. X-Y

M/Min 110

Laser Power

Watt 4000

Max Thickness Of Cutting: Fe

Mm 20

Max Thickness Of Cutting: Inox

Mm 12

Max Thickness Of Cutting: Allum

Mm 10

Max. Weight Of Material

Kg 750

Weight

Kg 12000



**CUTTING LASER MACHINE 4000 X 2000 - WATT 4000**

Model : TC L4030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L4030 - TLF 4000 - USED YEAR 2004.

Movement Asse X

Mm 4000

Movement Asse Y

Mm 2000

Movement Asse Z

Mm 115

Max. Speed Asse X

M/Min 60

Max. Speed Max. Asse Y

M/Min 60

Max. Speed Simult. X-Y

M/Min 85

Numeric Control

Siemens Sinumerik 840d

Laser Power

Watt 4000

Max Thickness Of Cutting: Fe

Mm 20

Max. Weight Of Material

Kg 1250

Precision Min. Programable Stroke

Mm 0,01

Consumption Gas Laser Co2

L/H 1

Consumption Gas Laser N2

L/H 6

Consumption Gas Laser He

L/H 13

Consumption Eletctr. Approx.

Kw 65

Weight

Kg 16000

Color

Bianco Blue

Dimension Approx.

Mm 11600 X 5200 X 2000 H

Standard Configuration:

- Closed Machine Frame With Integrated Laser Unit
- Automatic Pallet Changer And Longitudinal Conveyor
- Drives: Maintaenance-Free 3-Phase Servo Motors
- Working Are Light
- Automatic Shut Down

- Quick Changing Cutting Head With 5" Lens
- Additional Cutting Head With 7,5" Lens
- Oil Spray Device For Reliable Thick Plate Machining
- Logbook Function
- Programable Cutting Gas Pressure Setting
- Programable Power Cycles
- Sprint - Las
- Contour – Las
- Light Barriers: Multi-Beam Safety Light Barriers, Completely Encapsulated And Purged Beam Delivery, Monitoring System,
- Safety Cabin



CUTTING LASER MACHINE 4000 x 2000 - WATT 5000

Model : TC L5040

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L5040 - TruFlow 5000- USED YEAR 2007 – BEAM ON HOURS (DATE 27/01/2010) NR. 6245.

Working range

4000 x 2000 x 115 mm

Laser power

FruFlow 5000

Control

Siemens SINUMERIK 840 D

Working hours machine

Working hours laser on

working hours beam on

14543 h (27.01.2010)

14048 h (27.01.2010)

6245 h (27.01.2010)

max. sheet thickness mild steel approx.

max. sheet thickness stainless steel approx.

max. sheet thickness aluminium alloys approx.

25 mm

20 mm

12 mm

max. workpiece weight approx.

1800 kg

max. speed axis parallel approx.

200 m/min

max. speed simultaneous approx.

300 m/min

smallest programmable increment approx.

0,001 mm

positioning accuracy

+/- 0,1 mm

Repeatability

+/- 0,03 mm

Consumption CO2 approx.  
Consumption N2 approx.  
cutting gas consumption N2

1 l/h

6 l/h

13 l/h

cutting gas consumption O2

500-2000 l/h

cutting gas consumption N2

500-2000 l/h

electrical consumption value of entire unit

33 - 72 kW

space requirement approx

13000 x 5400 x 2400 mm

weight approx.

14000 kg

Technical equipment:

- Closed machine frame with integrated laser
- Laser: CO2-laser TruFlow 5000, high frequency excited, maintenance-free radial turbine blower, cooling unit,

Logbook function

- Automatic pallet changer
- Longitudinal conveyor for small parts/slug

- Drives: gantry drive in combination with linear direct drives
- Quick-change device for laser cutting head
- Laser cutting head with 5"-lens and Laser cutting head with 7.5"-lens for TruFlow 5000
- Programmable laser cutting gas pressure adjustment
- ControllLine
- FocusLine
- Laser power control
- Positioning laser diode
- NitroLine high pressure cutting
- SprintLine
- ContourLine
- PlasmaLine (PMS Plasma sensor)
- Automatic Sheet edge recognition
- PierceLine
- Programmable power cycles
- MicroWeld
- Automatic Nozzle cleaning
- Spray device
- Automatic shutdown
- Work area lighting
- Control Siemens SINUMERIK 840D: open control based on PC, simple use, online-help, e-shop, diagnostic functions, maintenance logbook, technology data, teleservice
- Work shop programming
- Safety: multi-beam safety light barriers, beam guideway completely encased, ventilated, monitoring system, multi-chamber extraction and compact dust extractor, machine enclosure
- RJ 45 network connection
- 3.5" floppy disk drive
- TFT color screen
- Electrical equipment for three phase current 400 V / 50 Hz
- Color: white RAL 9002 / blue RAL 5010



CUTTING LASER MACHINE 6000 X 2000 - WATT 5000

Model : TC L6050

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L6050 - TLF 5000 – USED YEAR 2004

Movement Asse X

Mm 6000

Movement Asse Y

Mm 2000

Movement Asse Z

Mm 115

Max. Speed Asse X

M/Min 200

Max. Speed Max. Asse Y

M/Min 200

Max. Speed Asse Z

M/Min

Max. Speed Simult. X-Y

M/Min 200

Numeric Control

Siemens Sinumerik 840 D

Laser Power

Watt 5000

Max Thickness Of Cutting: Fe

Mm 25

Max Thickness Of Cutting: Inox

Mm 20

Max Thickness Of Cutting: Allum

Mm 12

Max. Weight Of Material

Kg 1800

Precision Min. Programable Stroke

Mm 0,001

Consumption Gas Laser Co2

L/H 1

Consumption Gas Laser N2

L/H 6

Consumption Gas Laser He

L/H 13

Consumption Eletctr. Approx.

Kw 33-72

Weight

Kg 14000

Color

Bianco Blue

Dimension Approx.

Mm 16950 X 5550 X 3050 H

Technical specification:

- Closed machine frame with integrated laser unit
- Laser unit: CO2 Laser TLF 5000 Watt, radio-frequency excited, chiller, logbook function
- Automatic pallet changer and conveyor for small parts/trash
- Drives: Gantry drive in combination with linear direct drive
- Power control
- HI-LAS high pressure cutting
- Quick-change laser cutting head with with 5" lens and 7.5"
- Automatic sheet edge sensing
- APC height regulation
- Process Control System (PCS)
- Positioning Laser diode
- Programmable cutting gas pressure setting

- Programmable power cycles
- Microweld
- PMS plasma Sensorik
- SprintLas in all sheet thicknesses
- ContourLas
- AutoLas Plus
- Laser power control
- Lubrication system
- Logbook function Laser
- Automatic nozzle cleaning
- Working area lighting
- Multi-chamber extraction system
- Compact dust extractor
- TFT colour monitor
- Automatic shut down function
- Safety device
- Shopfloor programming ToPs 100 lite
- RJ 45 Network connection
- 3,5" Floppy disk drive



CUTTING LASER TUBE ADIGE TYPE LM COMBI

Model : LM COMBY

Manufacturer : MARIO RIBOLDI

LASER CUTTING TUBE AND FLAT MACHINE ADIGE, CNC TYPE LM COMBI YEAR 2007

Control

Siemens Sinumerik 840D

Laser source

Rofin Sinar SLAB

Max. Laserpower

Watt 2.500

Capacity round tube

Mm 10 - 152,4

Capacity square tybe

Mm 12 - 120

Capacity rectangular amd flat oval tube

Mm 10x12 - 140x100

Max. wall-thickness steel

Mm 8

Max. wall-thickness alloyed steel

Mm 6

Max. wall-thickness aluminium

Mm 4

Min. bar length for automatic loading

Mm 3.200

Max. bar length

Mm 6.500

Max. capacity loadingdevice

Kg 4.000

Machinelength

Mm ca. 15.400

Maschine width

Mm ca. 4.600

Equipment: Powerbooster for rapid inserting, cutting from tailored tube, 3 laser cutting heads and remaining standard accessories.



**CUTTING TUBE TRUMPF TYPE TUBEMATIC**

Model : 6000 X 200 X 150

Manufacturer : *TRUMPF*

CUTTING TUBE MACHINE "TRUMPF" TYPE TUBEMATIC 2400 WATT – USED YEAR 2002.

Movement Axes X

Mm 6000

Movement Axes Y

Mm 200

Movement Axes Z

Mm 150

Max. Speed Axes X

M/Min 100

Max. Speed Axes Y

M/Min 40

Max. Speed Axes Y

M/Min 40

Numeric Control

Siemens Sinumerik 840 D

Power Laser

Watt 2400

Equipment:

Cnc-Controlled Beam Delivery Unit:

- Basic Machine Body – Single Frame, Of Welded Construction
- Beam Guidance Axes
- Travel Ranges: Z Axis, Vertical Travel Of Optics Z = 150 Mm. Y Axis: Horizontal Travel Of Optics Y = 200 Mm
- Cnc Control System Siemens 840 D Control Panel With Table Surface On The Side, Drawers And Keyboard

Focusing Optics:

- Lens Optics, Focal Length 5" High Pressure, Up To 20 Bar And 1 X 3,75" Cutting Head
- Non-Tactile Height Regulation
- The Cutting Optics Feature Integrated, External Focus Adjustment With Knurled Wheel And Vernier
- High Pressure Laser Cutting (Hp) Hi-Las

Trumpf Co<sup>2</sup> Laser Tlf 2400 Turbo:

- Compact, State-Of-The-Art Radio-Frequency Exited Co<sup>2</sup> Laser Tlf 2400 Turbo
- Chiller Water-To-Air Version (Standard) Designed For An Ambient Temperature Of 10 – 43°C (Tropicalized

Version) For

Laser And Machine

- Subframe, Beam Delivery Alignment, Pipefittings, Ecq, Electrical Connection, Intergration Of Laser Unit In The Machine

System

- Laser Control Options
- Power Cycles, Ramp Functions For Piercing In Laser Cutting Mode
- Laser Power Control, For Laser Power Adjustment During Contour Cutting

Tube Handling Unit:

- Rotary And Feed Station
- Rotary Clamping Unit With Pneumatically Operated Clamping Jaws. Designed For A Tube Length Of 6000 Mm And Tube Diameters D = 20 – 150 Mm. 2 Clamping Ranges  $\varnothing = 20 – 85$  Mm And  $\varnothing = 85 – 150$  Mm
- Slide Unit As Linear Guide, Mounted On Welded Steel Frame; Holds The Rotary And Feed Station With Motor

Drive

- Including Connection For Vacuum Extraction
- Tube Support
- Slide-Through Chuck
- Clamping Jaws For Slide-Through Chuck
- 2 Sets Of Clamping Jaws For Round Rectangular And Square Tubes (Simple Version)
- Clamping Range 20 – 85 Mm, 85 – 150 Mm

Workpiece Removal:

- Unloading Cabin For Round And Rectangular Tubes)
- Sorting Possibilities: 2 For Finished Parts (Front And Rear), 1 For Scrap (Container Standard/ Conveyor Belt Optional)
- Sorting: Programmable

- Max. Scrap Length: 300 Mm (Container, Scrap Conveyor)
- Finished Part Length: Up To 2000 Mm Automatic Unloading (Front And Rear)
- Unloading Height: For Containers Max. 680 Mm High
- Tube Support, Workpiece: From Rollers (Exchangeable) For Workpiece Longer Than 800 Mm

Safety Equipment:

- Compact Dust Extractor
- Exhaust Air Routing
- Light Barrier
- Safety Cabin

Additional Equipment:

- Loading Unit
- Tube Magazine
- Workpiece Removal
- Chip Conveyor

Product name	Category	Page
CUTTING LASER MACHINE 4000 X 2000 - WATT 2600 - Friday 10 April, 200 cutting 59	Laser	
CUTTING LASER MACHINE 4000 X 2000 - WATT 2600 - Thursday 28 December cutting 62	Laser	
CUTTING LASER MACHINE 3000 X 1500 - WATT 5000 - Saturday 07 July, 20 cutting 56	Laser	
CUTTING LASER MACHINE 3000 X 1500 - WATT 5000 - Thursday 21 January, cutting 51	Laser	
CUTTING LASER MACHINE 3000 x 1500 - WATT 4000 - Monday 28 January, 2 cutting 47	Laser	
CUTTING LASER MACHINE 4000 X 2000 - WATT 3200 - Thursday 17 July, 20 cutting 66	Laser	
CUTTING LASER MACHINE 4000 X 2000 - WATT 4000 - Wednesday 04 March, cutting 68	Laser	
CUTTING LASER TUBE ADIGE TYPE LM COMBI - Saturday 16 January, 84	Laser cutting	
CUTTING TUBE TRUMPF TYPE TUBEMATIC - Thursday 08 November	Laser cutting	87
CUTTING LASER MACHINE 6000 X 2000 - WATT 5000 - Friday 10 April, 200 cutting 81	Laser	
CUTTING LASER MACHINE 4000 x 2000 - WATT 5000 - Tuesday 02 February, cutting 76	Laser	
CUTTING LASER MACHINE 4000 X 2000 - WATT 4000 - Friday 01 August, 20 cutting 72	Laser	
CUTTING LASER MACHINE 3000 X 1500 - WATT 4000 - Saturday 22 March, 2 cutting 47	Laser	
CUTTING LASER MACHINE 3000 X 1500 - WATT 4000 - Saturday 23 January, cutting 42	Laser	
CUTTING LASER MACHINE 1250 x 1250 - WATT 1500 - Tuesday 02 February, cutting 11	Laser	
CUTTING LASER MACHINE 2500 X 1250 - W 2000 - Saturday 05 July, 20 cutting 14	Laser	
CUTTING LASER MACHINE 1250 x 1250 - WATT 1000 - Wednesday 27 Decembe cutting 9	Laser	
CUTTING LASER GHT TYPE 2040 - Saturday 16 January, CUTTING LASER 3000 X 1500 MM - WATT 3000 - Thursday 28 January, cutting 5	Laser cutting Laser	8

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CUTTING LASER MACHINE 2500 X 1250 - WATT 3200 - Saturday 22 March, 2 cutting 17	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 1800 - Wednesday 27 Decembe cutting 21	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 3000 - Saturday 22 March, 2 cutting 34	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 3200 - Friday 02 November, cutting 38	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 2500 - Wednesday 27 Decembe cutting 30	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 2400 - Monday 08 September, cutting 29	Laser
CUTTING LASER MACHINE 3000 X 1500 - WATT 2200 - Saturday 22 March, 2 cutting 25	Laser
CUTTING LASER 3000 X 1500 - WATT 3000 - Saturday 10 March, 2	Laser cutting