


Corte con láser (59)

Corte con láser



Model : BYSTAR
Manufacturer : BYSTRONIC



Model : PI3015
Manufacturer : PRIMA INDUSTRIE



CUTTING LASER 3000 X 1500 - WATT 3000
Model : BYSPRINT 3015
Manufacturer : BYSTRONIC
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

μm 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 4000 X 2000 - WATT 2800

Model : BYSTAR 4020-2

Manufacturer : *BYSTRONIC*

CUTTING LASER MACHINE BYSTRONIC TYPE BYSTAR 4020- W 2800 - USED YEAR 1996 – WITH SYSTEM OF SHEET LOAD.

Movement asse x

Mm 4000

Movement asse y

Mm 2000

Max. speed asse x

M/min 100

Max. speed max. asse y

M/min 100

Max. speed of cutting

M/min 50

Laser power

Watt 2800

Max thickness of cutting: fe

Mm 20

Source

Btl 2800

Working hours

N° 25291

Color

Orange

Standard configuration:

- automatic pallet changer
- 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
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,
- safety cabin



CUTTING LASER 4000 X 2000 - WATT 3000

Model : BYSTAR 4020

Manufacturer : BYSTRONIC

CUTTING LASER MACHINE BYSTRONIC TYPE BYSTAR 4020 – USED YEAR 1999.

Movement Axes Y

Mm 4000

Movement Axes Y

Mm 2000

Laser power

Watt 3000

Max thicknes of cutting:

- Fe

Mm 20

Standard configuration:

- Chiller
- Automatic change pallet;
- Convejoir;
- Cutting Head 5" with Lens;
- Cutting Head 7,5" with Lens;
- Absorber reflex



CUTTING LASER MACHINE 3000 X 1500 - WATT 2600

Model : TC L3030

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3030 - TLF 2600 - YEAR 1996 – RESONATOR YEAR 2006
WITH SYSTEM OF LOAD - CUTTING TUBE ROTOLAS II

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 2600

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 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
- cutting tube roto-las ii (optional)
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring system,

- safety cabin



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 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 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: 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
- 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 4000

Model : TC L3040

Manufacturer : TRUMPF

CUTTING LASER MACHINE TRUMPF TYPE TC L3040 - TLF 4000 - USED YEAR 2007

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



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
- ControlLine
- 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



TRUMPF TC L3030 - W 1500
Model : TC L3030
Manufacturer : TRUMPF
CUTTING LASER MACHINE TRUMPF TYPE TC L3030 TLF 1500 - USED YEAR 1995 WITH ROTOLASS FOR CUTTING TUBE.
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 1500

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 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 are 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
- light barriers: multi-beam safety light barriers, completely encapsulated and purged beam delivery, monitoring

system,
 - safety cabin



TRUMPF TC L3030 - W 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 electctr. 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

Product name	Category	Page
- Thursday 15 Septembe	Corte con láser	2
- Thursday 15 Septembe	Corte con láser	2
CUTTING LASER MACHINE 3000 X 1500 - WATT 3200 - Friday 02 November,	Corte con láser	21
CUTTING LASER MACHINE 3000 X 1500 - WATT 5000 - Saturday 07 July, 20	Corte con láser	25
CUTTING LASER MACHINE 4000 x 2000 - WATT 5000 - Tuesday 02 February,	Corte con láser	33
CUTTING LASER MACHINE 4000 X 2000 - WATT 4000 - Saturday 16 May, 200	Corte con láser	28
CUTTING LASER MACHINE 3000 X 1500 - WATT 3000 - Saturday 22 March, 2	Corte con láser	16
CUTTING LASER 3000 X 1500 - WATT 3000 - Saturday 10 March, 2	Corte con láser	5
CUTTING LASER MACHINE 3000 X 1500 - WATT 2600 - Saturday 22 March, 2	Corte con láser	13
CUTTING LASER 4000 X 2000 - WATT 2800 - Saturday 21 June, 20	Corte con láser	7
CUTTING LASER 4000 X 2000 - WATT 3000 - Saturday 18 April, 2	Corte con láser	9
TRUMPF TC L3030 - W 2400 - Monday 08 September,	Corte con láser	40
TRUMPF TC L3030 - W 1500 - Friday 11 June, 2010	Corte con láser	37