

LaserCUT Series 3015-4

Laser cutting machine **LaserCUT series 3015-4** based on a portal coordinate system using linear gearless drives and a fiber laser with a power of 2-10 kW, harmoniously combining high accuracy, reliability and manufacturability - the best solution for serial and mass production enterprises loading 24 hours a day.



Laser cutting machine LaserCut 3015-4 version TR



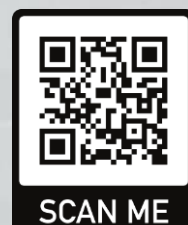
Laser cutting machine LaserCUT 3015 - 4 version S

Basic equipment of machines

- Rigid welded base of the machine,
- Protective cabin of stationary type (S)
- Portal coordinate system based on linear drives (X1, X2, X3,Y,Z) - CNC and electroautomatic system
- Automated interchangeable pallet system
- 2-10 kW fiber laser, chiller, - Optical head with autofocus,
- Process gas supply system (Air, Oxygen, Nitrogen, Argon) - Laser safety barrier
- Control console with industrial PC - Machine control program CNC Host
- CAD cutting software - CncKad - Pallets for collecting parts and metal waste
- Remote control
- Option of cutting with compressed air (15 atm)
- Automatic sheet position recognition
- Remote diagnostics, configuration via the Internet
- Spare parts kit

Options

- Filter-ventilation system (4500-6000 m³/h)
- High pressure screw compressor
- Voltage regulator
- "Digital production" - obtaining a working program for processing a workpiece according to a 3D model
- High pressure line 25 Atm
- Automated sheet loading and nesting unloading



Machine parameters

LaserCUT 3015-4-S LaserCUT 3015-4-Tube

Working area		
X-axle, mm	3100	3000
Y-axle, mm	1540	2000
Z-axle, mm	100	80
Workpiece		
Max. weight, kg	1000	900
Max. speed		
Idle movement, X/Y/Z m/min	150/150/60	150/150/60
Working movement, X/Y/Z m/min	60/60/40	60/60/40
Accuracy		
Positioning, mm/m	0,05	±0,05
Repeatability, mm/m	0,01	0,01
Overall dimensions and weight of the machine		
Length, mm	8 456	8 800
Width, mm	2 800	5 800
Height, mm	2 280	2 800
Weight, kg	9 800	~9 800
Total power consumption, kW	~24	~24

Module for cutting tube blanks for LaserCUT 3015-4-Tube:

- Minimum diameter of round blanks - 30mm
- Maximum diameter -160mm
- Wall thickness - from 0.5 mm to 8 mm

For a rectangular pipe:

- Minimum side size from 25x25 mm
- Maximum size 120 mm
(inscribed in diameter 160 mm)
- Maximum length of tubular billet - up to 3 m

Options

- Automatic system for loading sheet blanks and unloading finished parts
- High pressure line up to 25 Atm.

