

## Laser technology

Stock number: 1116-00002832

Type of machinery: Laser technology

Manufacturer: AMADA

Type: FLW 4000

Year: 2013

Control unit: CNC

Maker of control unit: AMNC

Country of origin: unknown

Item location:

Delivery time: immediately

Freight basis: EXW



### Seller



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### Description

1 used AMADA FLW 4000 laser welding machine

Technical data for the FLW-4000 III robot:

Type: high speed industrial robot

Control: AMNC

Number of controlled axes: 6

Reach: 2050 mm

Laser head: AMADA

Repeatability: 0.07mm

Safety cabin: complete enclosure

Robot track:

Standard length: 1500 mm

Optional lengths: 3000, 4000, 5000 or 6000 mm

Travel speed: 60 m / min

Repeatability: + - 0.1 mm

Positioning table:

Working height: 700 mm

max load weight: 500 kg

Rotation axis: + -720 °

Swivel axis: + -90 °

Resonator:

Beam source: fiber laser

Wavelength: 1070 - 1080 µm

Laser power up to 6 kW

Beam source and cooler specification:

Model: IPG YLS4000-S2T / RIEDEL

Laser power: 4 kW

Continuous laser power: 4000 W

## Laser technology

Wavelength 1.07 ~ 1.08  $\mu\text{m}$   
Connected load: 20 kVA  
Weight of the beam source: 360 kg

SEIFERT cooling device:  
Type: KG-4270  
Max. Pressure: 28 bar  
Nominal power: 400 V 50 / & 60 Hz 2 ~  
Refrigerant: R134a / 265 g  
Application range: 20-50 ° C  
Weight: 33 kg