

HIGH QUALITY WELDING SEAM FOR THE WELDING APPLICATIONS OF THIN SHEET METALS (AT MICRON LEVEL)

✓ ROBOT-LASER WELDING

- ✓ Power 6 kW
- ✓ Frequency 1 kHz
- ✓ Focus 300 mm



Features

- Ability To Weld Different Materials
- High Quality Welding Seam of Thin Sheet Metal
- High D/w Ratio
- High Power Density W/cm²
- Low Thermal Distortion and Maintenance Cost
- Maximum Welding Penetration With Low Heat Input
- Wobble Technology

Technical Data (Robot)

Number Of Axes	6 Axes
Maximum Reach	2033 mm
Payload	30 kg
Loadable Add. Load (Except 6th Axis)	35 kg
Position Repeatability	±0.05 mm
Path Repeatability	±0.16 mm
Robot Arm Weight	665 kg
Power Consumption at Full Load	11.1 kW

Technical Data (Welding System)

Power	6 kW
Frequency	1 kHz
Focus	300 mm
Collimator	100 mm
Working Distance	257 mm
1.2 Mm Focal Diameter With 400 Micron Fiber	

