

LASERHARD

robotic laser machine for thermal hardening



Specifications

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|---------------------------------------|--|
| Radiation source | Diode laser (LASSARD) |
| Source power | 5000 |
| Radiation power control limits, % | 10–100 |
| Dimensions of laser spot at focus, mm | 5x25 |
| Manipulator reach area, mm | 1730 |
| Manipulator repeatability, mm | ±0.05 |
| Processed sheet materials | medium-carbon steel, high-carbon steel, alloy tool steel, cast iron, titanium alloys |
| Radiation wavelength, μm | 760–980 |