

Speedy 50

Laser engraving system

Mechanics

Working area	457mm x 305 mm (18 x 12 Zoll)
Max. height of work piece	140,9 mm (5.5 Zoll) mit 1.5 Zoll Linse 128,2 mm (5.0 Zoll) mit 2.0 Zoll Linse 115,5 mm (4.5 Zoll) mit 2.5 Zoll Linse
Working table	Ferromagnetic table
Max. processing speed	1.5 m/s (60 ips)
Motors	Stepper motor
Encoder	Incremental measuring system
Optical elements	Telescope, lens and mirrors
Lens	1.5 inch, 2.0 inch, 2.5 inch
Accuracy to size of parts	According to material and process
Maximum material load	8.5 kg (18.7 lbs), load over the whole working area
Interface	USB

Features standard

Lens	2.0 inch
Software	Ruby®
Exhaust	For entire working area
Operating console	Keypad, safety-switch, system turnkey; PC and Monitor not included
Laser Pointer	655 nm, <0,99 mWcw
Plug and Ray™ package	Protected laser beam, quick change table, quick change laser
Air Assist	Set of valve and pump

Accessories

Rotary attachment	Available with conus, three-jaw chuck, three-jaw ring chuck or Drill chuck
Trolley	Trolley base or integrated (ride on) exhaust system
Table	Honeycomb tabletop
TroCare	Comprehensive package of technical services

Laser

Laser system	Sealed-off CO2 laser, maintenance free, air cooled, wavelength 10.6 μm
Laser power	30 W

Dimensions & weight

Width x Depth x Height	726 x 425 x 685 mm (28.6 x 16.7 x 27 Zoll)
Weight	ca. 53 kg / 117 lbs

Safety & environment

Laser class	CDRH laser class 2
Interlock	Double Interlock safety system
Ambient conditions	Mandatory ambient temperature +15° to +25° C or 59° to 77° F Humidity 40% to max. 70%, not condensing. Dust free environment (2nd degree according to IEC 60947-1)
Certificates	CE compliant, FDA listed

Exhaust

Exhaust working point	Min. 200 m ³ /h at 1.000 Pa (Min. 117.7 cfm at 4.015 in H ₂ O)
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Cooling

Air cooling	Active air flow cooling with fan
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Electrical

Voltage & power consumption	1 ~ AC 110-230V 50/60Hz, 800 W
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Subject to change without notice, errors and omissions reserved.
 Model identification 8015 Speedy 50C
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