

Technical Datasheet

8010 Speedy 100



Technical Specifications

Mechanics

Working area	24" x 12" / 610 x 305 mm
Max. height of workpiece	6,7 inch / 170 mm with 1,5 inch lens 6,2 inch / 157 mm with 2,0 inch lens 5,7 inch / 144 mm with 2,5 inch lens
Max. engraving speed	71 inch/sec. / 180 cm/sec. Standard 110 inch/sec / 280 cm/sec. Performance
Cutting speed	depending on material, thickness, laserpower
Motor	Brushless DC servo
Encoder	Increment
Workpiece table	Solid metal (ferro-magnetic)
Max. load of workpiece table	22 lbs / 10 kg
Lenses available	1,5", 2,0" or 2,5"

Features

Standard:

Laser pointer (655nm, < 0,99mWcw), Ferro-magnetic table, 2" lens, USB connection, Interchangeable exhaust connector, JobControl Basic software

Optional:

Electro-Optic Autofocus, Honeycomb Cutting Table, Rotary Attachment, Air Assist including Compressor, Stand with Storage Area, Laser Power Upgrade, Performance Upgrade, JobControl software Upgrade (Advanced, Expert), MCI Pad Production, Data import MAC

Control System

Laserpower	Adjustable from 0 - 100%
Interface Hardware	RS-232-C: Data Rate 19.200 -115.200 Baud USB: Data Rate 460.800 Baud
Interface Software	JobControl, HPGL

Laser Equipment

Laser tube	Sealed off CO ₂ Laser, maintenance free Laser power: 12W, 25W, 30W or 45W
Wavelength	10,6µm

Cooling System

Air cooling system	12W - 45W unit air-cooled
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Electricity, Power, Fuse

12W to 45W units	Single phase 230V / 50Hz or 115V / 60 Hz
Power consumption	400W for 12W unit 700W for 25W unit 700W for 30W unit 1300W for 45W unit
Recommended fuse	12A (230V), 15A (115V) for 25W unit 16A (230V), 15A (115V) for 25W, 30W and 45W unit

Dimensions

Width/depth/height (approx.)	38,3 inch / 30,1 inch / 18 inch; 974mm/765mm/457mm
Weight (approx.)	194 lbs / 88 kg for 25W unit

Ambient Conditions

Ambient temperature	59°F to 77°F / +15°C to +25°C
Humidity	40% to max. 70%, not condensing

Laser Safety

Laser class	CDRH Laser Safety Laser Class 2(M) CE compliant, FDA approved
Interlock	Double Interlock safety system

SUBJECT TO CHANGE WITHOUT PRIOR NOTICE!

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