



8014 Speedy 500 Checklist



Operating Environment / Technical Specifications

Temp.	15-32 °C (59 F - 89 F)
Humid.	40 % to max. 70 % , not condensing
Overall sizes	1920 x 1280 x 1153mm (76 x 50 x 45 in.)
Size of Room	Min. 350cm x 230cm (138 x 91 in.)
Entry	Door width min. 130 cm (51 in.)
Floor stability	Min. 550 kg (1210 lbs.) (200 W -> 600 kg / 1320 lbs.) machine only!
Air Pressure	4 -10 bar (58 – 145 psi) clean, dry and oil free
Forklift	Necessary (Only lift on marked spots/areas!)
Exhaust	Mistral Super Plus (660 m³/h, 20000 Pa)
Duct sizes for exhaust	Laserhead: 1x 45 mm (1,77 in.) Table/vacuum: 1x 75 mm (2,95 in.)



Laser Electrical Requirements

Laser Power	45Wac	60Wac	65Wwc	75Wac	85Wac
Voltage	208/230V	208/230V	208/230V	208/230V	208/230V
Fuse	13A slow	16A slow	16A slow	16A slow	20A slow
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Phases	1 L, N, Ground (PE)	1 L,N, Ground (PE)	1 L, N, Ground (PE)	1 L, N, Ground (PE)	1 L, N, Ground (PE)
Power consumption	1800W	2700W	2100W	2700W	3500W

Laser Power	95Wac	105Wac	120Wac	120Wwc	200Wwc
Voltage	208/230V	208/230V	208/230V	208/230V	400V
Fuse	20A slow	20A slow	20A slow	20A slow	3x16A slow
Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50Hz
Phases	1 L, N, Ground (PE)	1 L, N, Ground (PE)	1 L, N, Ground (PE)	1 L, N, Ground (PE)	L1,L2,L3,N, Ground (PE) (solid neutral is required)
Power consumption	3500W	3900W	3900W	3900W	5800W

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Chiller Electrical Requirements

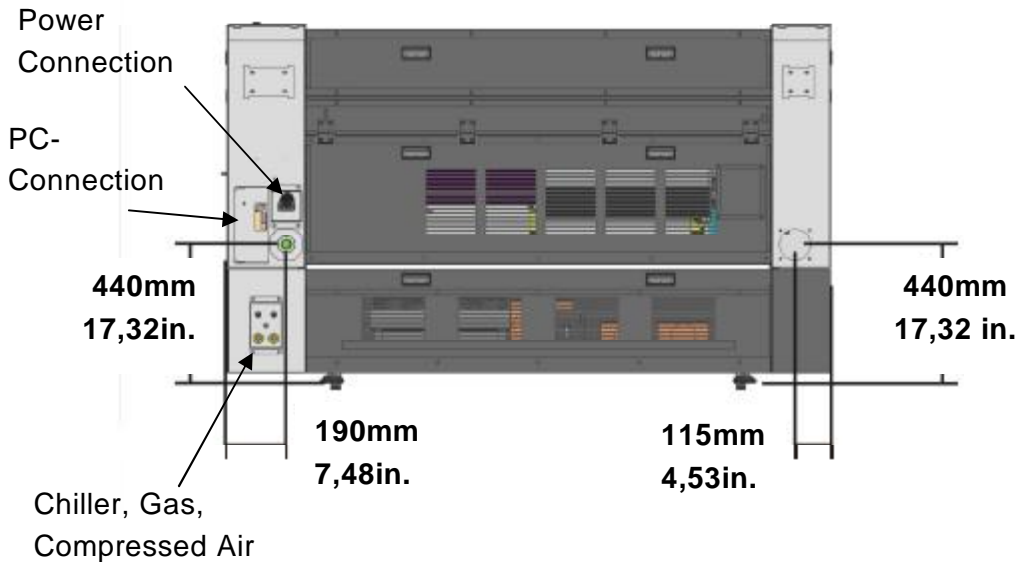
Laser Power	60W	120W	200W
Power consumption	900W	1800W	2200W
Voltage	230V/50Hz 115V/60Hz	230V/50Hz 115V/60Hz	230V/50Hz 230V/60Hz
Connection	L, N, Ground	L, N, Ground	L, N, Ground

Computer Requirements for Customer PC

- Pentium 2000 MHz or faster
- 512 MB of RAM or more
- 30 Gigabyte hard drive or bigger
- 17 inch colorVGA monitor or larger
- CD-ROM Drive
- Mouse or other pointing device
- Microsoft Windows XP, 2000,NT or VISTA
- USB Port



Location Exhaust Connectors, Electrical Connectors



Floor Plan

