

Falcon 5x10

Technical Specifications

BASE FALCON MACHINE M510

Item	Specification	Unit
Cutting Table Size (X x Y)	120 x 60	in
X-axis stroke	122	in
Y-axis stroke	61	in
Z-axis stroke	3.9	in
Maximum positioning speed for X-axis and Y-axis	5550	in/min
Maximum positioning speed Y-axis	590a	in/s ²
Maximum sheet weight capacity	2200	lbs.
Positioning accuracy	±0.001	in
Drive Motors	AC Servo	3-axis
Electrical Requirements	480V 3-Phase 60Hz	USA
Machine weight	23100	lbs.
Machine dimensions (L x W x H)	274×202×89	in

DUST COLLECTOR

Item	Specification	Unit
Nominal air flow rate	1500	CFM
Max. compressed air inlet pressure	7	bar
Min. compressed air inlet pressure	6	bar
Noise level	<75	dB(A)
Dust collector weight	700	kg
Dust collector dimensions (L x W x H)	1390 x 1500 x 2295	mm ³
Max. power consumption	12	Amps

ELECTRICAL INSTALLATION REQUIREMENTS

Item	Specification	Unit
Power supply	3-Phase 480	V
Max. voltage fluctuation	±5	%
Net frequency	60	Hz
Laser Source (4000 Watt)	27	Amps
Laser Motion System	42	Amps
Total Amps for Laser and Motion System	69	Amps

For more information contact sales@prclaser.com