



1 kW UP TO 4 kW CO2 or FIBER LASER

Item	Specification	Unit
Working volume (X x Y x W)	1250 x 1000 x 1000	mm ³
W-axis stroke	1000	mm
X-axis stroke	1300	mm
Y-axis stroke	1050	mm
Z-axis stroke	60	mm
Max. speed W-axis	12	m/min
Max. speed X-axis	60	m/min
Max. speed Y-axis	60	m/min
Max. speed Z-axis	30	m/min
Max. acceleration W-axis	3	m/s ²
Max. acceleration X-axis	10	m/s ²
Max. acceleration Y-axis	10	m/s ²
Max. acceleration Z-axis	15	m/s ²
Positioning accuracy in XY-plane	±0.05	mm
Position deviation in XY-plane	±0.05	mm
Machine weight	7000	kg
Machine dimensions (L x W x H)	3020 x 2810 x 2760	mm ³
Max. power consumption	5	kVA
Min. compressed air inlet pressure	6	bar
Max. compressed air inlet pressure	8	bar
Max. compressed air consumption	5	NI/s

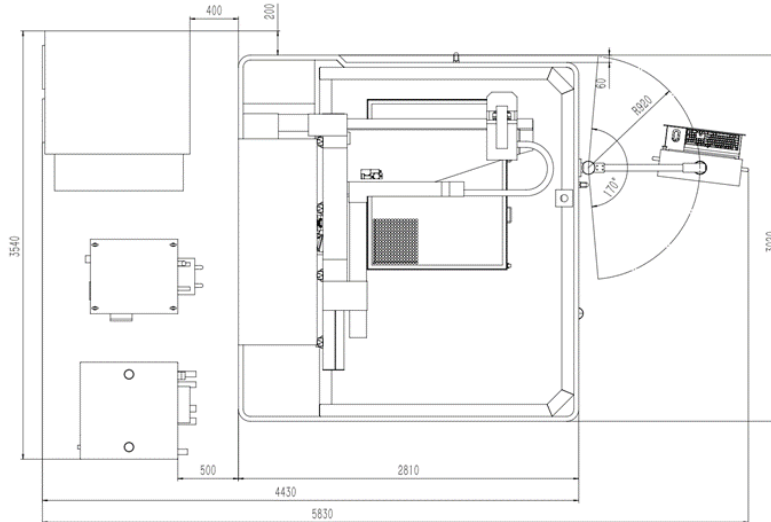
ELECTRICAL INSTALLATION REQUIREMENTS

Item	Specification	Unit
Power supply	3 x 380	V
Net frequency	50	Hz

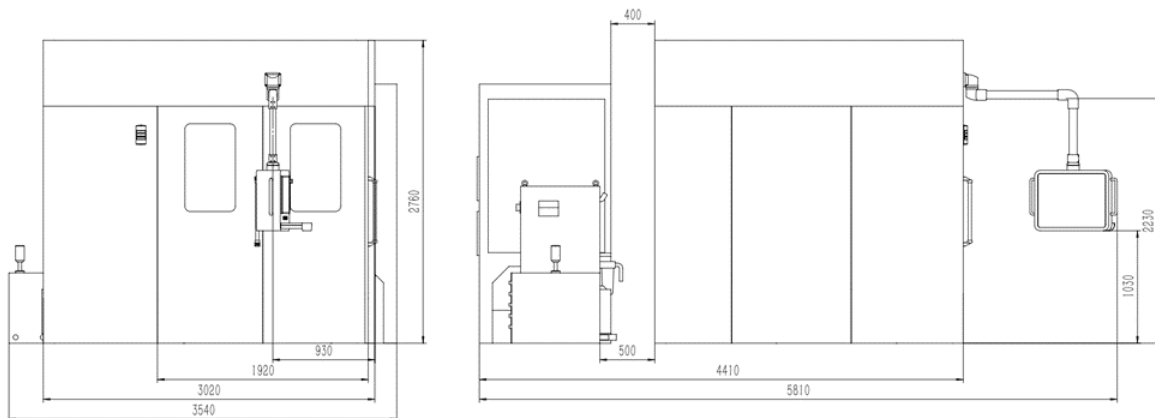
For more information contact sales.europe@prclaser.com

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MACHINE LAY-OUT



NOTE: Machine lay-out is for reference only, complete lay-out depends on the configuration of laser source, chiller, dust collector and depends on your specific requirements!



- **The PRC Laser M2.5 is a compact general-purpose laser processing system, designed with a work station volume of 1.25m x 1m x 1m(Height), and a very compact lay-out. With an easy-to-use operator interface.**
- **Thanks to the unique concept, this allows processing of different types of workpieces, use of special fixtures and even further integration of rotary and/or tilting stations, etc...**
- **Can be equipped with CO2 or Fiber laser technology, and various laser processing heads for different laser applications.**
- **Flexible laser processing system for various laser applications: cutting, welding, cladding, 3D-Printing, etc...**

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