PM6060

Technical Specifications

UP TO 3000 W FIBER LASER

Item	Specification	Unit
Working range (X x Y)	600 x 600	mm
X-axis stroke	600	mm
Y-axis stroke	600	mm
Z-axis stroke	100	mm
Max. speed X-axis	40	m/min
Max. speed Y-axis	40	m/min
Max. speed Z-axis	10	m/min
Max. acceleration X-axis	10	m/s^2
Max. acceleration Y-axis	10	m/s^2
Max. acceleration Z-axis	10	m/s^2
Positioning accuracy	±20	um
Position deviation	±5	um
Machine weight	1400	kg
Machine dimensions (L x W x H)	1803 ×1500×1832	mm
Max. power consumption	<3	kW
Min. compressed air inlet pressure	6	bar
Max. compressed air inlet pressure	8	bar
Max. compressed air consumption	3	Nl/min

ELECTRICAL INSTALLATION REQUIREMENTS

Item	Specification	Unit
Power supply	3×380V±10% or 220V±10%*	V
Net frequency	50	Hz

*Optional supply voltage

For more information contact sales.europe@prclaser.com

www.prclaser-europe.be

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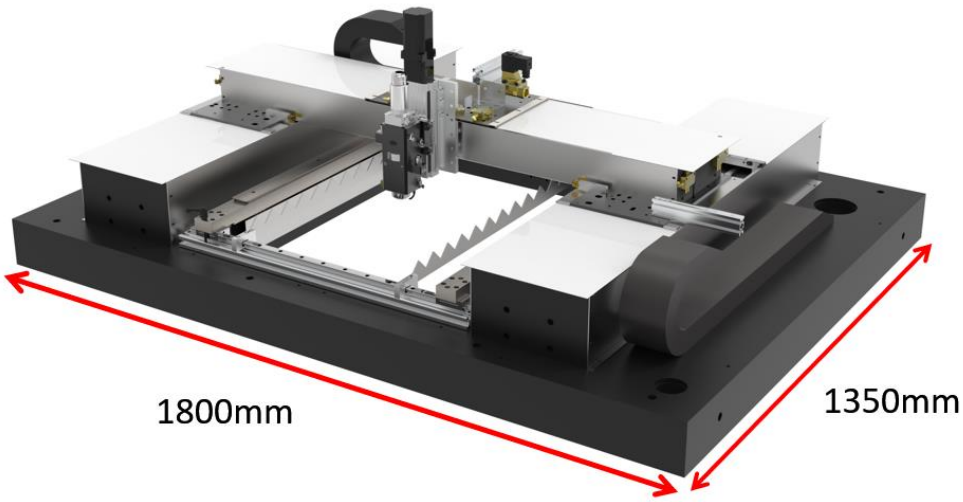
PM6060

Technical Specifications

MACHINE DIMENSIONS

NOTE: Complete lay-out of the machine depends on the configuration of laser source, chiller, dust collector and depends on your specific requirements!

- **The PRC Laser PM6060 is a compact high-dynamic 2D precision laser cutting machine designed for sheet metal formats of 600 mm x 600 mm.**
- **This machine is mainly applied for high-speed, high precision laser processing in the thin sheet. Advantages: stable operation, improved technology, high cutting efficiency**
- **The motion frame is made of natural dark green granite in the base and the gantry is made of extruded aluminum, with good rigidity and high strength, which help to keep excellent acceleration performance and avoid structure deformation.**
- **X,Y axis are equipped with linear encoder, and driven by linear motors to achieve high acceleration and precision. Linear motors and encoders are protected by armored bellow, only half-year cleaning is needed.**



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