



### 1000 W UP TO 6000 W FIBER LASER

Item	Specification	Unit
Cutting area	3000 x 1500	mm x mm
Maximum stroke X and Y axis	3050 x 1550	mm x mm
X- and Y-axis positioning accuracy	±0.03	mm
Repositioning accuracy	±0.02	mm
Maximum positioning speed X- and Y-axis	95	m/min
Max. simultaneous X- and Y-axis positioning speed	140	m/min
Maximum acceleration X- and Y-axis	9	m/s <sup>2</sup>
Maximum simultaneous X- and Y-axis acceleration	9	m/s <sup>2</sup>
Maximum Z-axis acceleration	15	m/s <sup>2</sup>
Maximum sheet weight	1000	kg
Basic machine main dimensions	8880 x 3075 x 2100	mm x mm x mm
Maximum pressure oxygen cutting gas	10	bar
Maximum pressure nitrogen cutting gas	25	bar
Maximum pressure third cutting gas	25	bar
Minimum compressed air inlet pressure	6	bar
Maximum compressed air consumption	5	NI/s

#### ELECTRICAL INSTALLATION REQUIREMENTS

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

- **Double-drive gantry flying optics laser cutting machine with lightweight aluminum bridge optimized for high dynamics without compromising parts cutting accuracy.**
- **Designed for laser beam delivery by optical fiber (1000W to 6000W).**
- **Heavy and rigid machine frame structure.**

**For more information contact [sales.europe@prclaser.com](mailto:sales.europe@prclaser.com)**

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# MA-4020-6020

## Technical Specifications



### 1 kW UP TO 6 kW FIBER LASER

MA-4020|6020

Item	Specification	Unit
Cutting area	4000 6000 x 2000	mm x mm
Maximum stroke X and Y axis	4050 6050 x 2025	mm x mm
X- and Y-axis positioning accuracy	±0.03	mm
Repositioning accuracy	±0.02	mm
Maximum positioning speed X- and Y-axis	95	m/min
Max. simultaneous X- and Y-axis positioning speed	140	m/min
Maximum acceleration X- and Y-axis	8	m/s <sup>2</sup>
Maximum simultaneous X- and Y-axis acceleration	8	m/s <sup>2</sup>
Maximum Z-axis acceleration	15	m/s <sup>2</sup>
Maximum sheet weight	1700 2500	kg
Basic machine main dimensions	10880 12880 x 3575 x 2100	mm x mm x mm
Maximum pressure oxygen cutting gas	10	bar
Maximum pressure nitrogen cutting gas	25	bar
Maximum pressure third cutting gas	25	bar
Minimum compressed air inlet pressure	6	bar
Maximum compressed air consumption	5	NI/s

#### ELECTRICAL INSTALLATION REQUIREMENTS

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

- **Double-drive gantry flying optics laser cutting machine with lightweight aluminum bridge optimized for high dynamics without compromising parts cutting accuracy.**
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