



3 & 6 kW FIBER LASER

Item	Specification	Unit
Cutting area	3000 x 1500	mm x mm
Maximum stroke X and Y axis	3025 x 1525	mm x mm
X- and Y-axis positioning accuracy	±0.03	mm
Repositioning accuracy	±0.02	mm
Maximum positioning speed X- and Y-axis	80	m/min
Max. simultaneous X- and Y-axis positioning speed	115	m/min
Maximum acceleration X- and Y-axis	7	m/s ²
Maximum simultaneous X- and Y-axis acceleration	10	m/s ²
Maximum Z-axis acceleration	10	m/s ²
Maximum sheet weight	800	kg
Basic machine main dimensions	5922 x 2250 x 2160	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

- **Compact Double-drive gantry “Single Table” flying optics laser cutting machine with lightweight aluminum bridge optimized for high dynamics and accuracy.**
- **Designed for laser beam delivery by optical fiber (up to 6000W).**
- **Heavy and rigid machine frame structure.**

For more information contact sales.europe@prclaser.com

www.prclaser-europe.be