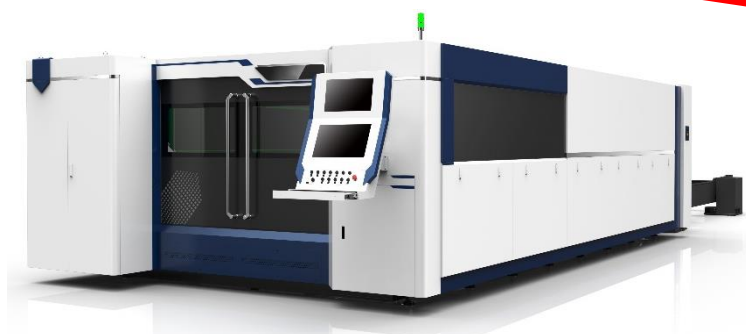


LH-6025/8025

Technical Specifications



3000 W UP TO 12000 W FIBER LASER

LH-6025|8025

Item	Specification	Unit
Cutting area	6000 8000 x 2500	mm x mm
Maximum stroke X and Y axis	6050 8050 x 2525	mm x mm
X- and Y-axis positioning accuracy	±0.03	mm
Repositioning accuracy	±0.02	mm
Maximum positioning speed X- and Y-axis	140	m/min
Max. simultaneous X- and Y-axis positioning speed	190	m/min
Maximum acceleration X- and Y-axis	15	m/s ²
Maximum simultaneous X- and Y-axis acceleration	20	m/s ²
Maximum Z-axis acceleration	25	m/s ²
Maximum sheet weight	3000 4000	kg
Basic machine main dimensions	16000 20000 x 4200 x 2450	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 welded steel bridge optimized for high dynamics without compromising parts cutting accuracy.**
- **Designed for High Power Fiber laser beam delivery (3000W to 12000W).**
- **Heavy and rigid machine frame structure.**

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