

SH-3015/4020/6025

Technical Specifications



SH6025

8 kW UP TO 15 kW FIBER LASER

SH-3015|4020|6025

Item	Specification	Unit
Cutting area	3000 4000 6000 x 1500 2000 2500	mm x mm
Maximum stroke X and Y axis	3050 4050 6050 x 1525 2025 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	115	m/min
Max. simultaneous X- and Y-axis positioning speed	160	m/min
Maximum acceleration X- and Y-axis	10 9 9	m/s ²
Maximum simultaneous X- and Y-axis acceleration	10 9 9	m/s ²
Maximum Z-axis acceleration	20	m/s ²
Maximum sheet weight	1000 1700 2500	kg
Basic machine main dimensions (LxWxH)	10062 11762 15542 x 3044 3544 4069x 2386	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 400	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 (8000W to 15000W).**
- **Heavy and rigid machine frame structure.**

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