



GeKaLaser® 1000

LASER WELDING MACHINES

- Eco-Friendly Laser Welding Technology with Low Energy Consumption
- High Welding Efficiency
- Perfect Welding Joints



GeKaLaser 1000

TECHNICAL PARAMETERS	
Machine Type	Handheld
Laser Power	1000W/1kW
Laser Welding Type	Fiber
Size Of Light Beam	0.2-5mm
Laser Wavelength	1080nm
Pulse Width	10ms
Max Energy Used	6kW
Cooling Type	Water Cooling (Internal)
Fiber Cable Length	8m
Wire Feeder System	Internal
Cleaning	Max. 5mm
Cutting	Max. 4mm
Warranty	1 Year

WELDING TYPE	MILD STEEL	STAINLESS STEEL	ALUMINUM	COPPER • BRASS
Without Wire	5 mm	4 mm	2 mm	1 mm
With Wire	8 mm	6 mm	3 mm	1,5 mm
Cutting	4 mm	2 mm	1 mm	0,5 mm



SMART CONTROL SYSTEM

- 7 Different Welding Modes
- Simplified User Interface
- Ability to Record Different Programs
- Ramped Laser Stop and Start
- Tack Welding Mode with Adjustable Intervals
- Detailed Error Screen
- Led Warning System
- Laser Beam Width up to 5mm
- Adjustable Laser
- Cutting Mode
- Cleaning Mode
- Safe Stop : Failure Shutdown
- Advanced PILZ Security System
- Durable Industrial Display
- 0-30Hz Frequency Range
- Adjustable Gas Stop and Start