

# HW1500

## Application

**General Industry** : Sheet metal cabinets / kitchen & bath / construction / hardware tools

**Precision Technology** : Electronics / medical / molds / new energy

**Heavy Transpor** : Automotive / aerospace / rail equipment

## Features

**Core Brand** : Raycus laser + Suplaser torch + S&A-temp chiller for high output, long-term stability, and industrial reliability.

**4-in-1 Function** : Welding / Cutting / Cleaning / Rust Removal—fast switching for flexible, efficient production.

**High-Precision Welding** : Small heat-affected zone, smooth welds, reducing grinding and post-processing.

**Multi-Material** : Stainless steel, carbon steel, aluminum; stable welding from thin to medium-thick plates.

**Smart Wire Feeding** : Ensures uniform and high-strength welds.

**Energy-Saving & Safe** : Low power consumption, touch operation, multiple protections for reliable performance.



## Specification

System & Power	Rated Input Voltage	220V 1Φ, 50/60Hz	Welding Performance	Torch Brand	Suplaser
	Rated Input Power	9kW		Wobble Scan Type	Single Motor Scanning Wobble
	Max Power Consumption	< 4.5kW		Wobble Type	Linear
	Control System	Suplaser System		Wobble Length / Width	Welding : 0~8mm
	Functional Mode	Welding / Cutting / Cleaning / Rust Removal			Cleaning : 0~120mm
	Control Interface	7-inch Touch Screen		Cable Length	10M
Laser Performance	Laser Source Brand	Raycus	Wire Feeding	Torch Weight	0.75kg
	Fiber Connector	QBH		Wire Feeder	Single
	Rated Laser Output Power	1500W ±50		Wire Diameter	0.8/1.0/1.2/1.6mm
	Output Laser Wavelength	1080 ±5nm	Cooling	Chiller Brand	S&A
	Operation Mode	Continuous / Pulse / Spot		Cooling Method	Dual-temp dual-control water cooling
	Safety Certification	CE		Assist Gas	Argon / Nitrogen
	Laser Safety Class	Class 4		Gas Input Pressure	≤1.5MPa

