

Ruby Series — Product Specifications

Appearance			
Model	T40	T60	T70
Functions	Spot/Continuous Welding, Cutting, Cleaning, Rust Removal	Spot/Continuous Welding, Cutting, Cleaning, Rust Removal	Spot/Continuous Welding, Cutting, Cleaning, Rust Removal
Working Mode	Continuous, quasi-continuous, pulse	Continuous, quasi-continuous, pulse	Continuous, quasi-continuous, pulse
Operating Mode	7-inch screen + Mini program	7-inch screen + Mini program	7-inch screen + Mini program
Wire Feeder	Built-in	Built-in + External	Built-in + External
Wire Reel	H300	H300	H300
Gas Cylinder	External	External	External
Cooling Method	Phase change smart control	Phase change smart control	Phase change smart control
Overall Size	590*275*512mm	590*275*512mm	670*275*512mm
Overall Volume	0.085m ³	0.085m ³	0.095m ³
Total Weight	29kg	33kg	39kg
Welding Gun weight	480g	480g	480g
Output Voltage	AC220V	AC220V	AC220V
Dustproof & Waterproof	IP52	IP52	IP52
Operating Temperature	-20 to 40°C	-20 to 40°C	-20 to 40°C

Ruby Series — Application Parameters

T40	Materials:	Stainless Steel	Carbon Steel / Iron	Galvanized Sheet	Aluminum	Brass	Copper	
	Penetration Depth:	4mm	4mm	4mm	3mm	2.5mm	1mm	
T60	Materials:	Stainless Steel	Carbon Steel / Iron	Galvanized Sheet	Aluminum	Brass	Copper	
	Penetration Depth:	6mm	6mm	6mm	4.5mm	3.5mm	2mm	
T70	Materials:	Stainless Steel	Carbon Steel / Iron	Galvanized Sheet	Aluminum	Brass	Copper	
	Penetration Depth:	7mm	7mm	7mm	5.5mm	4.5mm	3mm	

HAN'S LASER

Make welding simpler!

Weld Whatever You Want With Handheld Laser Welder

◆ Ruby Series Air-cooled Handheld Laser Welder ◆



Customer Support: 400-666-4000

Intelligent Integrated Precise Efficient



Deeper Penetration, Faster Welds

Upgraded T-Mode increases penetration depth by over 10%, achieving 30% deeper welds compared to lasers of the same power.

Effectively solves challenges of insufficient penetration and poor fusion in thick-plate welding.

Turbo boost mode raises instantaneous power for greater penetration depth, ensuring high efficiency, low energy consumption and deep welds.

Built-In Wire Feeding System Precise Joint Control

Integrated intelligent wire-feeding engine, compatible with H300 industrial-grade wire reels.

New dual-drive motor delivers stronger feeding power, easily handling high-intensity continuous operation.

Precise control with immediate wire stop when laser stops—no sticking or wire deviation.

Fully enclosed dust-proof design with IP52 protection certification, effectively safeguarding the feeding system for safer, more reliable performance.



Simple UI Intelligent Interaction

7-inch industrial-grade HD touchscreen with minimalist UI and two-level menu.

Intelligent temperature control and heat dissipation, one-button start welding.

Precise matching of optimal parameters leads to more efficient operation.

Ruby Series — Design Highlights

Dust-Proof Gun Barrel with Slag Groove: enhances lens lifespan by 60%

Customizable Appearance and Performance: Tailored to meet specific product requirements

Multi-functional Usage: Capable of spot welding, continuous welding, cutting, cleaning and rust removal

Integrated Wire Feeder: six-in-one design without a water tank, facilitating flexible and mobile operations

Intelligent Temperature Control: one-button welding initiation, wire feeding stops immediately when laser stops, no wire sticking and misalignment

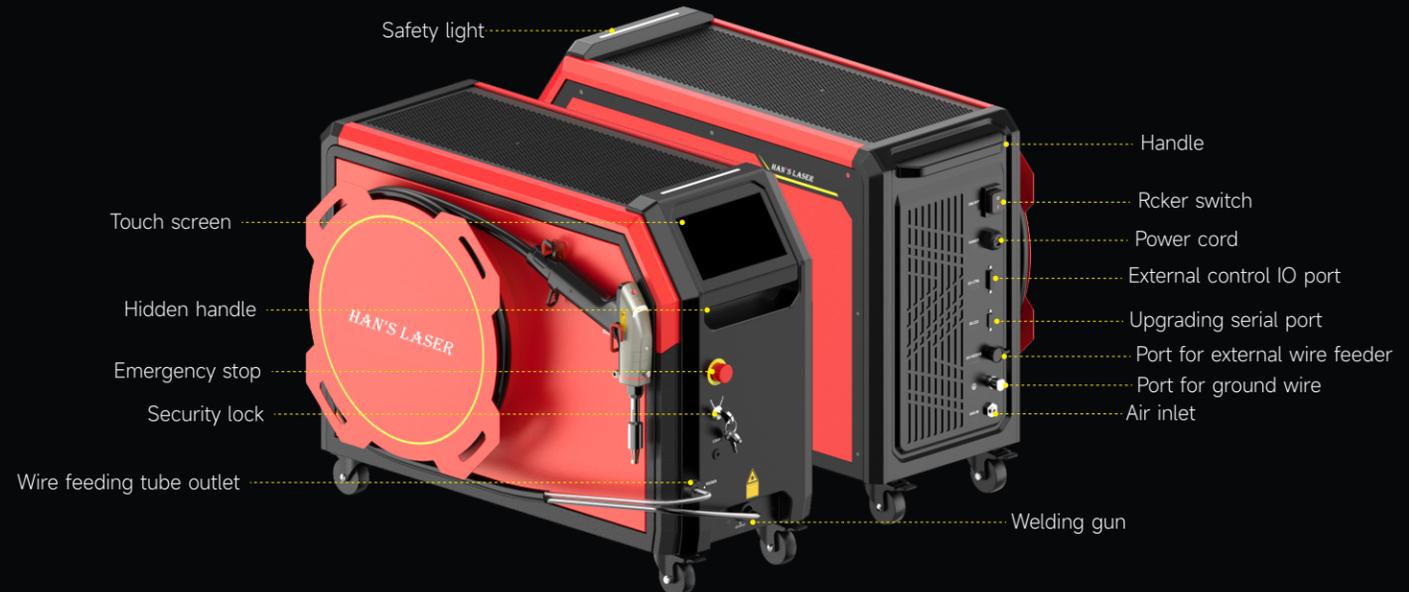
Versatile Welding Scenarios: seamless transition between indoor and outdoor welding environments

Modular Design: simplifies maintenance processes

Optimized Welding Parameters: streamlined 152 sets of welding parameters and 520 sets of professional parameters for quick adjustments to welding techniques



Ruby Series — Component Description



Ruby Series — Accessories List

Welding Nozzles 1.0 & 1.2 & 1.6	3 pcs	Wire Feeding Nozzles 0.8 & 1.0 & 1.2 & 1.6	4 pcs
Welding Nozzles D	1 pcs	Wire Feeding Assembly Kit	1 set
Welding Nozzles E	1 pcs	Dustproof Silicone Protective Cover	1 set
Cutting Nozzle	1 pcs	Laser Protective Goggles OD8+	1 pcs
Safety Loop Cable	1 strip	Cleaning Kit	1 set
Gas Purifier	1 pcs	Tool Kit	1 set