

Dueler EHL 1500

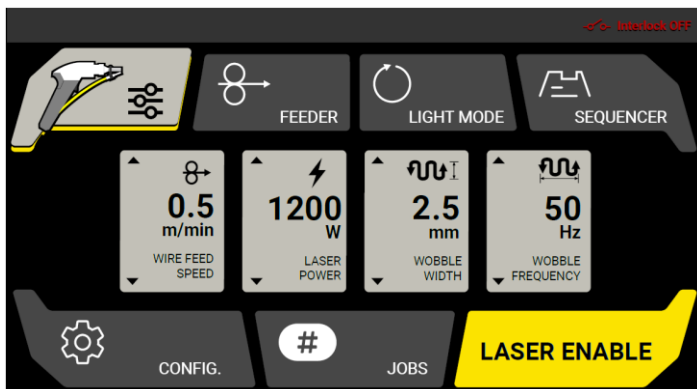
The Laser Welder that wins every time.



Dueler EHL 1500

Industry

- Light Fabrication
- General Manufacturing
- Industrial and General Fabrication
- Automotive
- Railcars
- HVAC
- Food and Beverage
- Hard Surfacing and Cladding



Intuitive User Interface with synergic control of welding parameters

ESAB Dueler EHL 1500 laser welder is a portable, high-quality professional tool designed for precision welding in stainless steel, carbon steel, and aluminum. With advanced laser technology and integration expertise, it offers unmatched accuracy and efficiency.

Featuring a 1500W air-cooled laser power source, Dueler achieves up to 6,5mm penetration while ensuring low distortion and it's ideal for demanding fabrication environments.

An intuitive user interface displayed on bright 7-inch TFT screen enables precise control of welding parameters, tailoring the laser beam for various applications, from fine seams to deep welds.

The integrated wire feeder supports multiple wire diameters, ensuring seamless joint preparation and high-quality welds.

Dueler EHL 1500 is fully compliant with regional standards and laser safety regulations, it's built for safe, reliable operation in workshops and field environments.

- The first-ever truly compact air-cooled manual laser with an integrated wire feeder
- Rugged and reliable robust industrial design, suitable for all environments
- Ease of use designed for both beginners and advanced welders, the intuitive ESAB interface ensures a user-friendly experience, minimizing learning curve
- High-power 1500W laser source for up to 6,5mm penetration with minimal distortion. Advanced beam control and customizable parameters deliver exceptional results.
- Efficient compact air-cooled design with a high-performance cooling system ensures uninterrupted operation.
- Efficient light-weight torch (680g) to reduce welder fatigue
- Complete laser welding solution, consists of:
 - Laser power source with advanced safety features
 - Filler metals
 - PPE
 - Auxiliary safety devices and accessories

Visit esab.com for more information.

Dueler EHL 1500

Specifications	
Model	Dueler EHL 1500
Max. Power	1500 W
Mains Voltage	230 VAC ± 10%, 1 Φ, 50/60 Hz
Fuse Slow	32 A
Rated kVA	6 kVA
Cooling	Air-cooled
Laser Class	4
Laser Beam Wavelength	1080 nm
Beam Wobbling Width Range	0.1 - 4 mm
Beam Wobbling Frequency Range	1 - 220 Hz
Welding Output	Full output power duty cycle : 120s continuous laser output on 1500 W, 6s cooling
Setting Range	150 W – 1500 W
Torch / Process Fiber Length	5.6 m
Operating Temperature	10 - 40°C
Operating Ambient Relative Humidity	10 – 85%
Supply Plug	P232-6S (CEE 32 A - 6h/220 – 250 V)
Weight	105 kg
Dimensions	1039 x 491 x 1014 mm

Ordering Information	
Dueler EHL 1500	0448747881

Delivery includes:

Dueler EHL 1500 laser power source, integrated laser welding torch 5.6m, nozzles set, wire feeding set, protective glass 5 pcs, external I/O interface, gas hose adaptor, laser welding helmet EN207 compliant, magnetic laser torch holder

Options and accessories	
Wire welding nozzle type A	0700028005
Wire welding nozzle type B	0700028006
Butt weld nozzle 1	0700028003
Fillet weld nozzle 3	0700028004
Flat nozzle	0700028007
Nozzles set (1, 3, A, B, Flat)	0700028020
Wire feeding torch fixture	0700028016
Protective glass for laser torch	0700028001
Nozzle connecting pipe	0700028002
Wire feeding tip 0.8 mm	0700028012
Wire feeding tip 1.0 mm	0700028013
Wire feeding tip 1.2 mm	0700028014
Wire feeding tip 1.6 mm	0700028015
L-30 Laser Welding Helmet	0700700100



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