WE CHALLENGE YOU TO A DUELER

THE LASER WELDER THAT WINS EVERY TIME.

DUELER



DOMINATE WITH DUELER

Introducing Dueler by ESAB. The first and only handheld laser welder in the industry equipped with a built-in, high-performing wire feeder, four rugged industrial-grade wheels, and the most user-friendly smart-arc-style display.

Built to solve your shop's biggest challenges – precision, reliability, talent gaps, floor space, and safety.

Dueler doesn't just win. It dominates.



- AUTOMOTIVE
- RAILWAYS
- ELECTRONICS
- AEROSPACE
- MEDICAL DEVICES
- FOOD PROCESSING
- HVAC

LASER WELDING THAT COMPLICATES VS CONQUERS





DUELER IS LASER FOCUSED ON:

Mobility.

While most laser welding power sources have an external wire feeder, Dueler is the first to integrate it – turning a two-piece machine into one and eliminating extra setup and costs. Move freely with a compact, air-cooled design, four industrial-grade wheels, built-in tool storage, and rugged housing.

Usability.

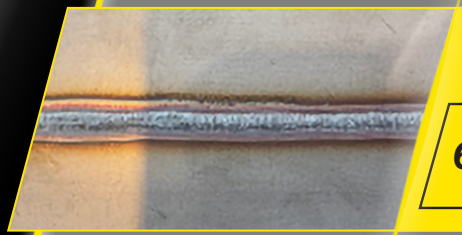
Dueler is built for fast adoption with controls welders understand. A big, intuitive, 7-inch TFT screen offers full command over weld parameters, from fine seams to deep welds. It's one of the only handheld lasers with a pictograph screen proven to boost accuracy and eliminate errors no matter the skill level.

PUSHING BUTTONS VS PUSHING LIMITS

DUELER IS LASER FOCUSED ON:

Power and precision.

A powerful 1500 W laser ensures stable, consistent fusion on materials up to 6.5 mm. With a laser beam narrower than a traditional arc and lower overall heat input, Dueler produces cleaner, high-quality welds with minimal thermal distortion – reducing prep time and eliminating post-weld clean up.



MATERIAL UP TO 6.5 MM

ELIMINATE CLEAN UP

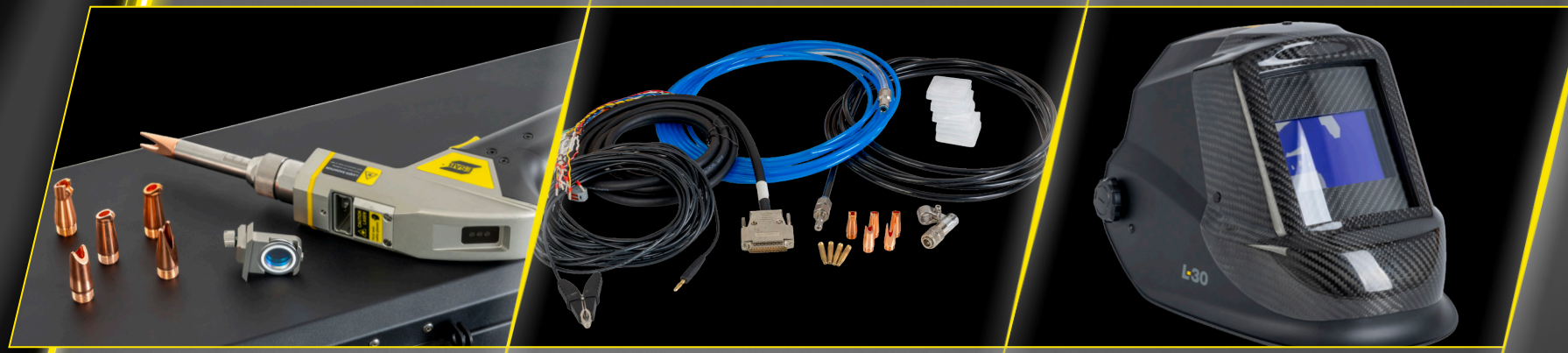
UP TO 4X FASTER

EASIER TO LEARN

Safety.

Performance means nothing without protection. Dueler is fully compliant with laser safety standards, including mandatory and auxiliary safety features, comprehensive training materials, and a certified laser welding helmet.

SOME OF WHAT YOU NEED VS THE WHOLE PACKAGE





DUELER DELIVERY INCLUDES

- Dueler EHL 1500 laser power source
- Integrated laser welding torch 5.6 m
- Magnetic laser torch holder
- Nozzles set
- Wire feeding set
- Protective glass 5 pcs
- External I/O interface
- Gas hose adapter
- Leading laser welding helmet with OD 7+ filter EN 207 compliant

ESAB'S COMPLETE SOLUTIONS

- TRADITIONAL AND LASER MACHINES
- FILLER METALS AND ACCESSORIES
- CERTIFIED SAFETY GEAR
- DIGITAL SOLUTIONS AND PRODUCTIVITY TRACKING
- EXPERT TRAINING AND ADVISORS

As a global leader in welding and cutting for more than 120 years, we're your one-stop shop – expertly equipping you with everything you need to confidently do anything.

START OUTDUELING THE ORDINARY

SPECIFICATIONS

Model	Dueler EHL 1500
Max. Power	**1500 W**
Mains Voltage	230 VAC ± 10%, 1ϕ, 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: 120 s Continuous Laser Output On 1500 W, 6 s Cooling
Setting Range	150 W–1500 W
Torch/Process Fiber Length	5.6 m
Operating Temperature	10°C–40°C
Operating Ambient Relative Humidity	10%–85%
Supply Plug	P232-6S (CEE 32A-6h/220-250V)
Weight	105 kg
Dimensions	1039 x 491 x 1014 mm

ORDERING INFORMATION

Dueler EHL 1500	0448747881

OPTIONS AND ACCESSORIES

Wire Welding Nozzle Type A	0700028005
Wire Welding Nozzle Type B	0700028006
Butt Weld Nozzle	0700028003
Fillet Weld Nozzle	0700028004
Flat Nozzle	0700028007
Nozzles Set (A, B, Butt, Fillet, 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
L30 Certified Laser Welding Helmet	0700700100



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To learn more about laser that wins, visit esab.com.

DUELER

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