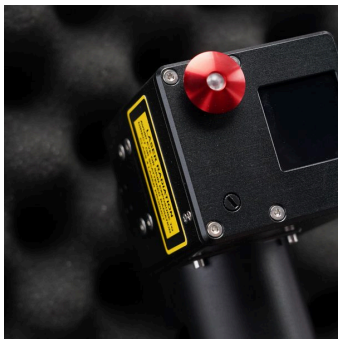
300 W Pulsed Laser Cleaner

Model HS-LC300 · paint, rust, oxide and mold residue removal on metal











Specifications

Laser	300 W multimode pulsed fiber laser, 1064 nm
Pulse energy	5 mJ
Pulse frequency / width	1–4,000 kHz / 2–500 ns
Cleaning width	140 × 80 mm with the standard lens
Other lenses	104 × 76, 160 × 95, 185 × 140 or 300 × 120 mm
Cleaning patterns	13 scan patterns; 6 presets (oil, rust, paint, oxide, weld, mold); up to 100 saved settings
Controls	Wireless touchscreen; focus-distance screen and emergency stop on the gun; key switch
Cleaning gun	1 kg, on a 5 m armored fiber cable
Cooling	Air-cooled: no water chiller, no compressed air
Power supply	110 V or 220 V, 50/60 Hz, single phase (tell us when you order); plug for your country
Power draw	Max 1,500 W (about 4.5 A at 220 V)
Working temperature	0–40 °C
Packed size and weight	610 × 530 × 420 mm, about 41 kg
Lead time	Built in 5–7 working days
Warranty	Machine 1 year, laser source 1 year; lenses and fiber cable are wear parts
Compliance	CE marked; reported to the FDA CDRH; Class 4 laser product

What it cleans

- Paint and powder coat on steel and aluminum parts
- Light to medium rust, mill scale and oxide
- Heat tint and oxide before or after welding
- Release agent and rubber residue on molds
- Oil and scale before laser or dot peen marking

Pick another machine if

- You only remove light oil and oxide: the 200 W costs less
- You strip thick paint over large areas every shift: 500 W
- You face hundreds of m² of pitted rust: blasting or a continuous-wave cleaner





In the box

- Machine in a wheeled hard case, gun on a 5 m armored cable
- Standard field lens (140 × 80 mm)
- Wireless touchscreen and charger
- Laser safety goggles and spare protective lenses
- Material starter table, power cord, user manual, setup video

Setup and support

- Free technical support for the life of the machine
- Video training and a video call for your first job
- Help by WhatsApp, email or remote desktop; reply within one business day
- Main control boards ship within 1–2 days
- Door-to-door US delivery with duty and customs included, or ex-works

Get a quote: send a photo of your part, what is on the surface and your voltage to info@heatsign.com or WhatsApp +86 150 6147 7073. We reply within one business day with a delivered price.