

CL 150

New Generation Cleaning Laser

Laser systems

Backpack

CL 20

CL 150

CL 300

CL 500

CL 1000

Workstation



- 150 W average power (CW)
- Pulse performance up to 250 kW
- Diode pumped beam source
- μ C-based controlling
- Field bus-communication for automated processes
- Air or water cooled versions
- Available beam switch
- Designed for heavy-duty industrial applications
- Laser Class 4 Product

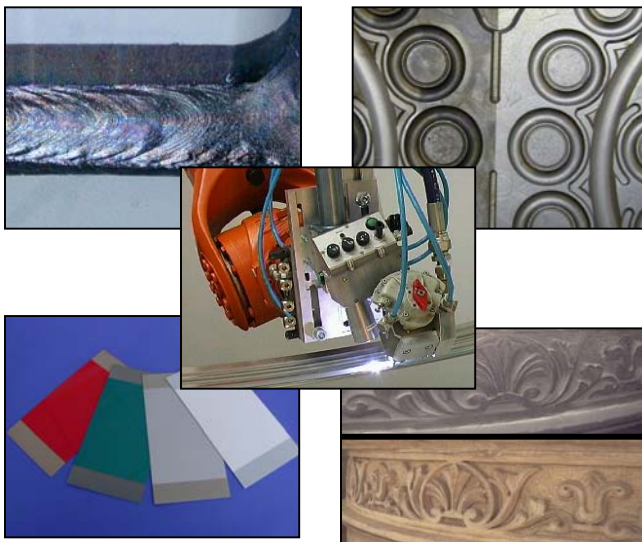
Laser optics available



- Optics for manual or automated treatment
- Working distance up to 250mm



Application examples



- Complete coating removal
- Selective paint removal for weld inspection
- Precision mold cleaning
- Roughening of metallic surfaces
- Removes oxides, oil, grease & production residues
- Historic masonry conservation
- Many more!

Technical Data

Overview

Laser systems:

Backpack
CL 20
CL 150
CL 300
CL 500
CL 1000
Workstation

Matching optics:

OS H 50
OS A 70
OS H 70
Stylus
Stamp 14



Standard system features:

CL 150

- ▶ Cooling system air-water
- ▶ Diode pumped laser module
- ▶ OSH 50 type laser optic
- ▶ Fiber (length: 10m)

Options:

- ▶ Beam switch with 2nd laser optic
- ▶ Water cooled optic
- ▶ 2D-Package (PC, software Scan2D and optics Stamp 14)

The CL 150 represents the latest technology in laser cleaning systems. There is no lamp to replace in this unit with its ultra-reliable solid-state diode pumped laser source. As a q-switched laser, it delivers the power and precision required for applications like mold cleaning, pre-treatment for adhesive bonding, and coating removal with outstanding performance. The CL 150 features an innovative design that enables a cost effective upgrade to 300watt performance. This laser system is prepared to meet the challenging application demands of today and tomorrow.

The CL 150 is engineered to deliver high-performance, excellent reliability, and nearly maintenance-free operation. This internally-cooled and self-contained laser consumes no media, does not generate secondary waste, and is easy to setup and operate.



CL 150	Technical Data
Running cost per hour	\$2.50
Size (l x w x h) [mm ³]	1550 x 750 x 1160
Weight (approx.) [kg]	200
Cooling System	air-water optional water - water
Specified power of the beam source [W]	160
Wavelength [nm]	1064
Power supply (German vision)	3 x 16A
Maximum power consumption [kWh]	3
Minimum / Maximum ambient temperature [°C]	10 / 36
Humidity [%]	< 90, non-condensing
Laser class	4

Subject to technical changes