

AT THE CUTTING EDGE

Gentle surface treatment with laser technology

Our special
FAIROFFER
20 %



As pioneers in laser cleaning technology, we have been developing devices and systems for over 25 years that meet the high quality standards of the automotive and mechanical engineering industries in Germany and worldwide.

Our **handheld laser systems** are specially developed and manufactured for mobile use in

- Workshops
- Maintenance
- Industrial plants
- Production and manufacturing facilities.

Dirt, oxides, and coatings are vaporized by repetitive laser pulses without damaging the substrate. Due to the very short laser pulses (a few nanoseconds), Dirt, oxides and coatings are vaporized by repetitive

laser pulses without damaging the substrate.

Another advantage of our laser beam technology is that it does not require abrasive materials or additives (no particles, no chemicals, no carryover).

Our mobile devices allow you to easily adjust the parameters. Depending on the material and the contamination to be removed, the laser power (10% - 100%), scanning speed, and scanning width can be adjusted. The laser smoke produced is extracted and filtered by an external extraction system.

The LIGHTCLEANER at a glance:

- Our LIGHTCLEANER MOBILE P models are available in various power classes to suit your application
- You can choose between 100 W and 1,000 W average power
- Air-cooled up to 300 W laser power-Easy operation via touch display
- Recipe management and quick selection jobs.
- Rollable and, on request, up to 15 m of flexible fiber optic cable
- Extremely lightweight handpiece
- Lifetime consultation and service

We will be pleased to advise you on the optimal configuration of your laser system.

LASER CLEANING

Use only light to clean components and work-pieces. Pulsed laser radiation cleans all metallic materials as well as stone, wood, CFRP, and other materials gently and in an environmentally friendly way.

GREEN TECHNOLOGY

No chemicals, no other media. Just light.



QUESTIONS?

We look forward to your call!
+49 2423 950 93-0

Or email: Kontakt@slcr.de

LASER SURFACE PROCESSING

Mobile and flexible

Possible applications

- Removing rust and paint residue
- Cleaning weld seams
- Cleaning concrete, natural stone, and plaster surfaces
- Removing mold and fire damage
- Restoring sculptures, wood and facades
- Cleaning car body and engine parts
- Removing anodized coatings



Ideal for cleaning weld seams

In addition to classic laser cleaning, our devices can also be used for a wide range of other applications.

If, for example, you want to prepare your surface for subsequent coating or joining processes, you can easily do so with our LIGHTCLEANERS .



LEASING

We would be happy to draw up an individual leasing plan for you with a term of 2 years or more.

AVAILABLE SERVICES

- Technical support
- Application development
- Repairs
- Application support
- Rental
- Leasing
- Warranty

ADVANTAGES AT A GLANCE

- No blasting, solvents, or chemical cleaning agents
- Environmentally friendly and resource-efficient
- Large-area efficient laser processing
- Mobile and easy to operate
- Precise process > Savings on masking tasks
- Minimal running costs
- Extremely low maintenance and durable
- Easy to operate and ready for use after just a short training session.



Our devices are CE certified



More Laser information



Prices available on request.



Integrierte Absaugung