

Our special  
FAIROFFER  
**20 %**

## LASER CLEANING

Use only light to clean components and workpieces. Pulsed laser radiation cleans all metallic materials as well as stone, wood, CFRP, and other materials in a way that is gentle on the material and environmentally friendly.

## 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](mailto:Kontakt@slcr.de)



## PURE LASERPOWER

CW lasers for large areas



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

- repair shops
- maintenance
- industrial plants
- production and manufacturing facilities

LIGHTCLEANER CW laser cleaning devices are used to clean large areas on metal plates, pipes, hulls, beams, etc.

The laser cleaning device can be used on metals that do not easily deform at high temperatures.

Dirt, oxides, and coatings are vaporized by the laser beam. Continuous laser radiation enables the processing of large areas where heat input or slight structuring of the surface is not a problem.

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 MOBILE

- Our LIGHTCLEANER MOBILE CW models are available in various power classes to suit your specific application.
- You can choose between 1,000 W to 2,000 W laser power
- Extremely fast processing of steel components
- Easy operation via touch display
- Recipe management and quick selection jobs.
- Rollable and, on request, up to 15 m of flexible fiber optic cable
- Lifetime consultation and service

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

## LASER SURFACE TREATMENT

Mobile and flexible

### POSSIBLE APPLICATIONS

- Removal of scale, grease and oil films
- Removal of thick layers of paint or encrustations
- Application of high roughness for preparation for further processing such as joining, bonding or coating

### LEASING

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

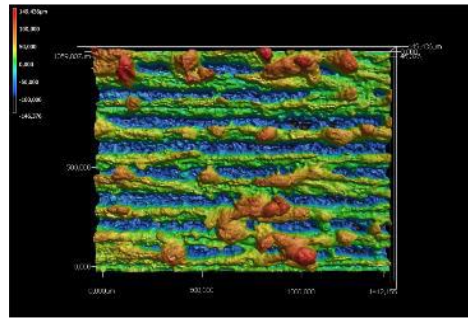
### AVAILABLE SERVICES

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

Our devices are CE certified



More information can be found here:



Ideal for structuring surfaces

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 .

### 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 (approx. \$0.50/hour)
- Extremely low maintenance and durable
- Easy to operate and ready for use after just a short training session.

Prices available on request.



Integrated extraction system