

DRAWER SYSTEMS – cleanCELL-SERIES



cleanCELL2220 with double drawer

Due to their modular design, the drawer systems of the cleanCELL-series are available in three different sizes and are qualified for the laser treatment of smaller workpieces as well as for large ones. The systems can be operated both in the stand-alone-variant and integrated into an interlinked line production.

Loading and unloading of the systems can be performed either manually or automated. The selection of the double drawer module allows it to take place during the processing time to minimize downtimes. The 4FLEX suction nozzle concept enables a process-oriented adaptation of the suction technology. The concept is based on a flap switch that optimizes the suction power on the side of the workpiece to be cleaned.

APPLICATION EXAMPLES

- Coating and painting pre-treatment
- Welding and bonding pre-treatment, especially in gearbox construction
- Partial paint removal/
decoating of functional surfaces
- Degreasing/oil removal



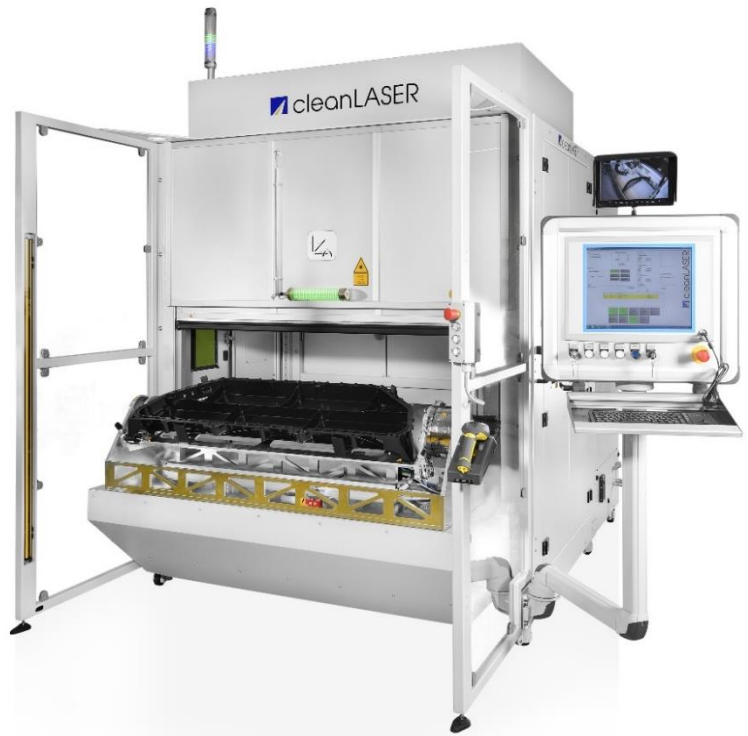
Processing room incl. adjusted suction nozzle



Sealing contour with preserved milling structure after laser processing

DRAWER SYSTEMS - cleanCELL-SERIES

- System type:
cleanCELL1170
cleanCELL2220
cleanCELL3220
- ESD-compliant design
- Footprint (W x L):
from 835 mm x 1.700 mm to
2.035 mm x 2.200 mm without
further extensions
- Weight: 900–1.450 kg without laser
- Automatic loading and unloading
via drawers
- Stand-alone and interlinked operation
possible
- Manual and automatic loading
- Camera system for process
visualization/documentation
- Process monitoring by means of
plasma sensor technology
- Process-oriented suction technology
- High technical availability
(> 98,5 %)
- Designed for 24/7 operation
- Customer-specific adaptations possible



cleanCELL 3220 with single drawer (frontal)

2021 Subject to technical changes.

YOUR BENEFITS

- **Dry cleaning without chemicals**
- **Very low energy consumption**
- **Compact footprint**
- **Proven residue-free cleaning without component damage**
- **Locally defined cleaning (saves corrosion protection if necessary)**
- **Short pulse times**
- **Process lay-out and application expertise**

PLEASE CONTACT US – WE WILL BE HAPPY TO ADVISE YOU!

 **cleanLASER**
cleaning with light