

cleanWORKSTATION – HIGH FLEXIBILITY



cleanWORKSTATION

Due to its large processing area (approx. 2,000 mm x 3,000 mm), the cleanWORKSTATION is particularly suitable for laser processing of large workpieces. The open design, which assigns the cleanWORKSTATION to laser class 4, makes workpiece handling as well as loading and unloading of the system much more convenient. Good accessibility was an important factor in designing the system.

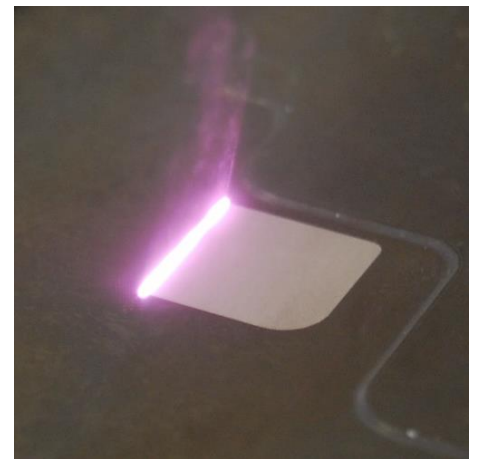
A light barrier system serves as access protection and ensures a safe deactivation of the system.

Thanks to the highly precise axis system, it is possible to process complex geometries and molds with an accuracy of just a few tenths of a millimeter using laser technology. Due to its high process reliability and reproducibility, the cleanWORKSTATION is especially effective when it comes to the partial removal of anodized layers for ground contacting or for bonding pre-treatment.

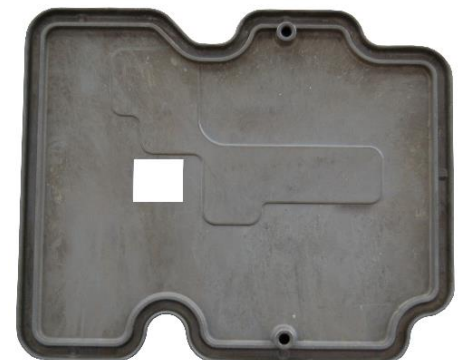
The necessity of masking or taping off surfaces, which involves a considerable reduction in pre- and postprocessing, can thus be avoided.

APPLICATION EXAMPLES

- Coating and painting pre-treatment
- Welding and bonding pre-treatment
- Partial paint removal/ decoating of functional surfaces
- Degreasing/oil removal



Precise laser processing



Workpiece: anodized coating partially removed

cleanWORKSTATION

- System type:
cleanWORKSTATION
- Footprint (W x L):
2.400 mm x 3.400 mm
- Open design facilitates
good accessibility
- 3-axis linear system with
large machining area for a
wide range of workpieces
- Solid worktable with
hole pattern for flexible
pick-up of workpieces
- Control via cleanSTUDIO
software with JPG and
DXF data import
- Optional light barrier curtain
for access protection
- Process-oriented suction
technology
- Upgradable by means of
our cleanCABIN product
for laser-safe enclosure
- High technical availability
(> 98,5 %)
- Customer-specific
adaptations possible



cleanWORKSTATION for a wide range of workpieces



3-axis linear system with
cable management

YOUR BENEFITS

- Dry cleaning without
chemicals
- Very low energy
consumption
- Proven residue-free
cleaning without
component damage
- Locally defined cleaning
- High processing speeds
- Efficient processing
even with low laser
powers

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

 **cleanLASER**
cleaning with light