

## BENEFITS OF THE TRAINING

### AT ONE GLANCE

Operator training on a laser system can effectively prevent system downtimes due to incorrect operation and thus production losses. Trained personnel not only work more safely with the work equipment, but also operate the implemented laser types more effectively and timesaving.

Accidents at work can thus be avoided and the risk of liability can be minimized.

Furthermore, training participants practice on laser systems that are provided exclusively for training purposes in the cleanACADEMY. This allows minor operational errors to be corrected directly and under the supervision of our qualified trainers.



**cleanACADEMY**

## YOUR CONTACT PERSONS

### TEAM cleanACADEMY

Please contact us if you have any questions or would like an individual consultation. We are happy to assist you!



### CONTACT:

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**OPERATOR AND  
MAINTENANCE TRAINING  
FOR LASER SYSTEMS**



## OPERATOR TRAINING

In the operator training course, our experienced technicians will teach you the basics of laser technology and laser safety.

Afterwards you will practice on our training laser system within application-oriented modules the operation of the laser, the editing of laser programs and the connected media supply (optics, cooler, suction).

## MAINTENANCE TRAINING

Within practical modules you will learn how to carry out maintenance and service work.

Finally, you will try out the emergency case of a system shutdown together with our course instructor in order to internalize the learned training contents.

## OPERATOR AND MAINTENANCE TRAINING FOR LASER SYSTEMS:

**LOW POWER CL 12 – CL 100**

**MID / HIGH POWER CL 150 – CL 1000**

**LOW / MID / HIGH POWER CL 12 – CL 1000 2D OPTIKEN**

On request, we can provide you with an individual laser system, user and process training course, which we conceptualise in consultation with you to meet your wishes and requirements.

### CONTENTS OF THE OPERATOR TRAINING

- Operation of the laser system
- cleanLASER Software
- Maintenance & Service schedules
- Processing workflow & Laser pulse frequencies

### CONTENTS OF THE OPERATOR TRAINING

- Service and maintenance works
- Replacement of components
- Operation of the control system
- Data Backup & Recovery
- Error analysis of the laser system
- Data buses & Communication report
- Parameter Configuration