



# PROCUTTER 2.0 EXPERT TRAINING

**Have you purchased a ProCutter 2.0 or already integrated it into your system and would now like to be able to carry out proper and first-class operation, maintenance and repairs?**

## IN THIS TRAINING YOU WILL LEARN THE REPLACEMENT OF THE PROCUTTER 2.0 AND ITS VARIANTS

We first introduce you to the maintenance procedures and then put them into practice. This training is particularly necessary for changing optical modules and all other qualified topics according to the service manual. It ensures smooth installation, replacement and operation. Error prevention, error analysis and diagnosis are an essential part and are complemented by working in a flowbox with suitable cleaning tools and liquids.

**Target group:** Service technicians and commissioning engineers / OEM customers

**Training location:** Gaggenau

**Goals:**

- Installation, operation, maintenance and replacement of the ProCutter 2.0 and its variants
- Changing the optical modules
- Error prevention, error analysis and diagnosis
- Working in a flowbox

**Duration:** 2 days

**Number of participants:** Maximum 6

**Food:** Meals are provided on site and are included in the price.

**Seminar conclusion:** After successfully completing the training, a certificate will be issued with the areas of focus learned.

Price on request



## OUR TRAINING TEAM

### Guido Pfrommer

Service technician

Our technicians are masters of their field and, through our training team, offer you many years of practical experience in the areas of commissioning, service and maintenance. We offer you exciting insights into the technology behind the product, you will learn how to use the product and the necessary specialist knowledge. Practical experience is everything for us.

# TRAINING CONTENT

## ProCutter 2.0

### System structure

- Product description ProCutter 2.0
- Explanation of the variants

### Connections

- Assembly of the ProCutter 2.0
- Media connections (cutting gas / water cooling)
- Electrical connections
- Connection of the distance control

### Software settings, menus and commands

- Setting the software
- Interface and timing diagram
- Error patterns
- Service
- IO / fieldbus connection
- EG 80XX / Cutbox
- Calibration, reference travel, e.g.
- Error messages

### Installation

- Assembly of the ProCutter 2.0
- Media connections (cutting gas / water cooling)
- Distance sensor connection
- Connection of the setting device (EG)

### Dealing with optics

- Technical cleanliness of laser optics
- Inspection and cleaning

### Cleaning the optics

- Maintenance for OEM (service)
- Pre-cleaning of the optics
- Cleaning in the flowbox
- Dealing with the optics
- Protection of the fiber socket
- Recommended spare parts

### ProCutter 2.0 settings

- Centering the laser beam (X-Y)
- Focus position and working distance to the product

### Troubleshooting

- Correct cutting errors
- Error messages on the EG 80XX / Cutbox
- Sensor error messages

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## OUR TRAINING CENTERS DIRECTIONS AND HOTEL RECOMMENDATIONS

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