Academy training

LASER
Passion for Precision

GF Machining Solutions: all about you
When all you need is everything, it’s good to know that there is one company that you can count on to deliver complete solutions and services. From world-class electrical discharge machines (EDM), Laser texturing and Additive Manufacturing through to first-class Milling and Spindles, Tooling, Automation and software systems — all backed by unrivalled customer service and support — we, through our AgieCharmilles, Microlution, Mikron Mill, Liechti, Step-Tec and System 3R technologies, help you raise your game and increase your competitive edge.
Contents

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LASER

6  LASER–Starter 3 axis
7  LASER–Master 5 axis

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Learn to operate

We provide you with indepth training to share with you the basic knowledge to use your new machine autonomously/independently.

LASER
+ Laser– Starter 3 axis
+ Laser–Master 5 axis
Learn to operate training

LASER
Starter 3 axis

article n°200010481 (at GF site)
article n°200010482 (at customer site)

<table>
<thead>
<tr>
<th>Duration</th>
<th>Number of participants</th>
<th>Experience level</th>
<th>Requirements</th>
<th>Machines</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 days</td>
<td>4</td>
<td>Beginner</td>
<td>Basic skills on Rhino CAD/CAM software</td>
<td>LASER P 400 U, LASER P 600/1000/1200 U, LASER P 4000 U, LASER S 1000/1200 U</td>
</tr>
</tbody>
</table>

Enter efficiently in the world of digital training

What are the course contents?

- Specifications of the Laser process
- Security
- First machining approach
- Laser Marking Control System (LMCS) human-machine interface (HMI) and programming software overview
- Three axis-mode systems and machining coordination
- Machining capability and its options
- Basic maintenance

What is the course objective?

- To learn how to use productively your Laser machine

What are the course benefits?

- Become autonomous with use of basic three-axis machine
- Able to select the right parameters according to the job
- Capable of following the basic instructions to achieve the best precision
- Can manage the basic maintenance of the machine
Maximize performance training

LASER
Master 5 axis

article n°200010485 (at GF site)
article n°200010486 (at customer site)

Duration | Number of participants | Experience level | Requirements | Machines
---|---|---|---|---
4 days | 4 | Beginner | LASER-Starte | LASER P 400 U, LASER P 600/1000/1200 U, LASER P 4000 U, LASER S 1000/1200 U

Master texturing, structuring, engraving on the most complex 3D surfaces

What are the course contents?
- Specifications of Laser process in five-axis mode
- Systems coordination and Laser head movements
- Laser Marking Control System (LMCS) human-machine interface (HMI) and programming software overview
- Digitalization of the workpiece and shape preprocessing with meshed structure
- Editing for texture image and mapping for machining complex parts
- Machining capabilities and its options

What is the course objective?
- Machining with precision on 3D complex surfaces

What are the course benefits?
- Become autonomous with use of basic five-axis machine
- Be able to select the right parameters according to the job
- Be capable of following the basic intructions to achieve the best precision
Dedicated training

Customized training based on your specific needs to increase your knowledge and machine performance.
Training for all level

Dedicated training

article n°200011001 (at GF site)
article n°200011002 (at customer site)

Realize the full potential of your machine with training customized to your needs

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<tbody>
<tr>
<td>Based on your needs</td>
<td>Based on your needs</td>
<td>All levels</td>
<td>Based on your expectations</td>
<td>For all technologies</td>
</tr>
</tbody>
</table>

What are the course contents?

- Adapted to your machine
- Adapted to your operator’s skill level
- Adapted to your business needs

What is the course objective?

- Provide your operators with the key knowledge to achieve your business objectives.

What are the course benefits?

- Acquire the knowledge essential to successful machining.
Our commitment to you and your specific applications is proven by the value-adding intelligence, productivity and quality delivered by our multi-technology solutions. Your success is our chief motivator. That’s why we are continuously advancing our legendary technical expertise. Wherever you are, whatever your market segment and whatever the size of your operation, we have the complete solutions and the customer-centric commitment to accelerate your success—today.
At a glance

We enable our customers to run their businesses efficiently and effectively by offering innovative Milling, EDM, Laser, Additive Manufacturing, Spindle, Tooling and Automation solutions. A comprehensive package of Customer Services completes our proposition.

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