

## **63-Computer Aided Design and Manufacturing CAD/CAM (3D)**

<u>Course Duration</u>	<u>Target Audience</u>	<u>Language</u>	<u>No.Trainees</u>
40 hours	Technician/Engineer CNC power mill advanced	English	12:15

### **Content**

- Introducing power mill software.
- Position using the block.
- Work plan.
- Boundaries.
- Tool path strategies.
- Explain and describe the processes of milling.
- Explain the processes of drilling.
- Generation the programming.
- Post processor.

### **Objective**

- Import the drawing to program.
- Determine the appropriate location of zero point to work.
- Determine the workspace.
- Input and description of different tools.
- Tool path strategies.
- Generation the programming.

### **Prerequisites**

- The trainee must have been trained on the computer aided drawing and design (3D design).
- The trainee must have been trained on the solid work program.
- The trainee must have been trained on advanced CNC machines course.