

# Deep Soil Mixing - Turbojet®



The course provides specific knowledge about the technology, the related application fields and also the various kinds of machines used.

## Course topics

### General topics:

- Soil & rock classification and characteristics
- Geotechnical application fields
- Safety about the technology
- Jobsite layout, equipment & ancillaries
- Environmental management
- European standards EN 14679
- Acquisition and use of electronic processing parameters (DMS)
- Case histories

### Specific topics:

- Drilling techniques
- Processing stages
- Advantages and limitations
- Technology variants
- Related design choices and geometrical controls
- Drilling slurry, concrete, steel and execution controls
- Process and Product tests

### Duration

**3 days**

### Languages

**English, Italian  
or any other language upon  
client's request**

### Location

**Cesena (FC) - Italy  
or any customer's site**

### Audience

**Site managers;  
Field engineers;  
Foremen;  
Rig supervisors.**

### Prerequisites

**Experience in engineering  
foundation sector preferred  
but not essential**

### Learning objectives

**To develop a technical and  
working knowledge of the  
technology;**

**To analyze the jobsite layout  
and the equipment;**

**To enhance the knowledge of  
construction phases and field  
applications;**

**To learn how to manage  
safety, quality and  
environment for the  
technology;**

**To acquire knowledge for  
troubleshooting.**