

# Hydraulic Drilling rigs ADV line SR-45/75



## General Training 2 days

### Rig

- General Description
- Undercarriage & Turret
- Electric System
- Hydraulic system
- Cab & DMS
- Rotary & Crowd System
- Mast & Winches
- Transport & Assembly
- Safety
- Instruction Manual & Spare Parts cat.

### Technology System

- LDP Large Diameter Pile job site lay out and related ancillaries

## SPECIFIC TRAINING COURSES



### Operator Training 2 days

- Soil & Rock classification and characteristics
- LDP Technology & operative sequences
- Cab & controls
- DMS on board



### Hydraulic Training 2 days

- Basic principles
- Overcentre & brakes
- Tank & Cooling
- Hydraulic scheme analysis
- Diagnostic & troubleshooting
- Symbols



### Electric Training 2 days

- Basic principles
- Electric diagrams analysis
- DMS data transmission
- Symbols
- CAN communication protocol
- Electric system troubleshooting

## Extra Technology Pack (On Demand) 1 Day each one

- CFA/CAP/DP Technology pack
- TJ Technology pack

### Duration

4 days

### Languages

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

### Location

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

### Audience

**Operators;  
Rig supervisors;  
Mechanics;  
Hydraulic technicians;  
Electricians;  
Software engineers.**

### Prerequisites

**Drilling and maintenance  
experience preferred but not  
essential**

### Learning objectives

**To develop a technical and  
working knowledge of the SR  
ADV rig;**

**To learn the routine and non-  
routine maintenance of the SR  
ADV rig;**

**To learn the rig controls and  
the operational sequence;**

**To acquire knowledge for  
troubleshooting the SR ADV  
rig.**