

# Hydraulic Crawler Cranes SC-90/120 HD

C-12



## General Training 2 days

### Crane

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

## SPECIFIC TRAINING COURSES



### Operator Training 2 days

- Soil & Rock classification and characteristics
- Cab & controls
- DMS on board



### Hydraulic Training 2 days

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



### Electric Training 2 days

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

## Extra Technology Pack (on demand)

### 1 Day each one

- DW Technology pack
- LDP Technology pack
- DC Technology pack
- DRIVEN PILES 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 objective

**To develop a technical and working knowledge of the SC cranes;**

**To learn the routine and non-routine maintenance of the SC cranes;**

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

**To acquire knowledge for troubleshooting the SC cranes.**