

# Hydraulic Crawler Cranes

## SC-50/70 HD



### 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 data transmission



#### 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

#### 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 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.**