

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.