

HYDRAULIC CRAWLER DRILL C14 WITH FIXED TRACKS S/N C14ZS0108

Basic machine complete with undercarriage and upper structure.

Applications:

- drilling for anchors (with turret longitudinal to the tracks)
- drilling for micropiles
- soil investigation
- continuous flight auger drilling
- jet grouting

Undercarriage with fixed crawler tracks driven by hydraulic motors coupled to planetary reduction gears.

- width of track shoes: 600 mm
- length of crawlers: 4060 mm
- travel speed: 0 - 2,2 Km/h
- ground pressure: 7,2 N/cm².

Upper structure mounted on a ring gear allowing 360° rotation and equipped with four hydraulic stabilizers : the front ones are mounted on telescopic arms.

Soundproofed power pack with **Deutz BFS 6m 1013 cp, turbocharged, water-cooled diesel engine - rated power 165 kW (224HP) @ 2300 rpm**. Fuel tank 400 litres capacity.

Hydraulic circuit consisting of:

Three hydraulic variable displacement axial piston pumps with power control, capacity 172 l/min for each one. One auxiliary variable displacement piston pump capacity 65 l/min. Gear pumps for oil circulation into heat exchanger and for driving cooling fan.

Control panel complete with all controls of the rig and mounted on a mobile arm for good all round operator visibility.

Operating weight: approx. 31 tons.

Mast 16000/18500 for C14.

Length without winch and clamps: 18500 mm

Single head stroke: 16000 mm

Pull-down force: 140 kN

Extraction force: 140 kN

Extraction speed: 60 m/min

The trolley is driven by a chain activated by hydraulic motor

Cable tensioner with hydraulic cylinder.

Mast in two elements foldable for transportation **dimensions: 10100 mm**

With trolley for head support controlled by 12 adjustable rollers

Rotary head type **T2500** with off-hole slide. The head is designed for the application of a drive sleeve, a hydraulic hammer (optional kit not included in the offer) and a P200 hydraulic chuck.

Main features of the rotary head are:

- Two variable displacement motors
- Max rotation speed: 223 rpm
- Max torque: 20.0 kNm
- Max working pressure: 260 bar
- Through-hole passage: 200 mm

Hydraulic motors displacement regulation kit for T2500 type rotary heads

T2500 rotary lateral movement

Drive sleeve for T2000 and T2500 for 2" rear swivel - arrangement with external springs

Hydraulic motors displacement regulation kit.

2" western rubber swivel

Clamps pressure regulator on control panel

Blocking and break-out clamps type M6 - M6S

- working range: 152-508mm
- clamping force: 250 kNm
- break-out torque: 45 kNm

Jet timer

A2 type hydraulic service winch:

Rope for A2 type winch and Jib for C14

Three way valves unit, 2"

Application of C35 water pump

Foam pump type C35

- flow = 30l/min
- pressure = 50 bar

Rear Stabilizers

Oiler