

R-622

HYDRAULIC DRILLING RIG



YEAR OF MANUFACTURE	1997
SERIAL NUMBER	1379
CONFIGURATION	LDP/CFA
HOURS WORKED	£POA
PRICE	Ex Works, UK

The R-622 drilling rig has been specially designed to perform the following applications:

- bored piles with or without drilling fluid;
- casing with rotary head or by the use of an oscillator;
- continuous flight auger piles (C.F.A); cast-in-situ installing the casing by means of vibrating clamp (Vibrotrevi system);
- diaphragm wall with SOILMEC grabs BH-8, BH-10 and BH-12;
- bored piles by reverse circulation;
- secant piles with double head (C.S.P.).

The main features of R-622 are the following:

- a 65 ton class machine
- completely self-erecting
- casing can be installed by means of a rotary head
- sophisticated instrumentation
- reliability and safety



SPECIFICATION:

In LDP Configuration

Max. Drilling Diameter: 2500mm

Max. Drilling Depth: 40m
with 4 x 11m kelly bar

Max. Torque: 201 kNm

Max. Drilling Speed: 34 rpm

Operating Weight: 70 ton

Full service and operational check completed.

Diesel engine		
Make/Model		Deutz BF6M1015
Max Power	kW (HP)	240 (326) @ 2100 rpm
Hydraulic pumps		
Main Pumps	lt/min	2 x 214
Max working pressure	MPa	30
Main Winch		
Nominal line pull	kN	200
Auxiliary winch		
Nominal line pull	kN	100-140
Rotary Table		
Nominal Torque	kNm	201
Maximum drilling speed	rpm	34
Spin off	rpm	144
Crowd System	kN	264/201

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Drilling and Foundation Equipment

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