

# CM-120

## HYDRAULIC DRILLING RIG



**YEAR OF MANUFACTURE**  
**SERIAL NUMBER**  
**CONFIGURATION**  
**PRICE**

1999  
 1532  
 CFA  
 £POA  
 Ex Works, UK

The CM-120 drilling rig is dedicated to the Continuous Flight Auger drilling technique.

Features include:

Completely self erecting  
 High reliability and safety  
 Extendable tracks from 2.5 to 3.9m  
 High production  
 360° turret rotation

### SPECIFICATION:

In CFA Configuration

Max. Drilling Diameter: 1400mm

Max. Drilling Depth: 24.5m + 6m with kelly extension

Max. Torque: 250 kNm

Operating Weight: 105 ton

Full service and operational check completed.



#### Diesel engine

Make/Model	DEUTZ BF8M1015C
Max Power	kW (HP) 400 (544)@ 2100rpm

#### Hydraulic pumps

Main Pumps	lt/min	2 x 380
Max working pressure	MPa	35

#### Main Winch

		Type SW-290
1 <sup>st</sup> layer Nominal line pull	kN	290
1 <sup>st</sup> layer nominal rope speed	m/min	50/80
Rope Diameter	Mm	30

#### Auxiliary winch

		Type SW -140
1 <sup>st</sup> layer Nominal line pull	kN	140
1 <sup>st</sup> layer nominal rope speed	m/min	60/120
Rope Diameter	Mm	26

#### Rotary Table

Nominal Torque	kNm	300@9.5 rpm
Maximum drilling speed	rpm	25

**soilmec**   
 Drilling and Foundation Equipment

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