

# CM-70

## HYDRAULIC DRILLING RIG



YEAR OF MANUFACTURE 2005  
 SERIAL NUMBER 2286  
 CONFIGURATION CFA  
 PRICE £POA  
 Ex Works, UK

The CM-70 drilling rig is dedicated to the Continuous Flight Auger drilling technique.

Features include:

- Completely self erecting
- High reliability and safety
- Quick installation
- Extendable tracks from 2.5 to 3.9m
- Easy manoeuvrability
- Low transport costs
- High production
- 360° turret rotation

### SPECIFICATION:

In CFA Configuration

Max. Drilling Diameter: 1000mm

Max. Drilling Depth: 22m + 6m with kelly extension

Max. Extraction Force: 680 kN

Max. Torque: 153 kNm

Max. Drilling Speed: 26 rpm

Operating Weight: 60 ton

Full service and operational check completed.



<b>Diesel engine</b>		
Make/Model		CATERPILLAR 31268 Attach 1
Max Power	kW (HP)	231 (310)@ 2500rpm
<b>Hydraulic pumps</b>		
Main Pumps	lt/min	2 x 230
Max working pressure	MPa	32.5
<b>Main Winch</b>		
		Type SW-170
1 <sup>st</sup> layer Nominal line pull	kN	170
1 <sup>st</sup> layer nominal rope speed	m/min	73
Rope Diameter	Mm	24
<b>Auxiliary winch</b>		
		Type SW - 90.3
1 <sup>st</sup> layer Nominal line pull	kN	75
1 <sup>st</sup> layer nominal rope speed	m/min	58
Rope Diameter	Mm	19
<b>Rotary Table</b>		
Nominal Torque	kNm	153@8.0rpm
Maximum drilling speed	rpm	26

**soilmec**   
 Drilling and Foundation Equipment

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