



MAIT -HR 180 CP



Technical Specs

WORKING CHARACTERISTICS		
Works with Augers & Buckets:		
Max diameter	500 / 1.600 mm	1.6 / 5.2 ft
Without lower mast extension	2.000 mm	6.5 ft
Depths	30 - 40 - 50 - 60 m	98.5 - 131 - 164 - 197 ft
Casing Oscillator:		
Max. diameter	1.600 mm	5.2 ft
Works with CFA:		
Max. diameter	1.200 mm	4 ft
Depths	19 + 5 m	62 + 16 ft
Diaphragm Walling:		
Max size	1.000 x 2.500 mm	3.3 x 8 ft
Depths	32 m	105 ft

Jet Grouting:

Max depth	32 m	105 ft
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TECHNICAL DATA

Rotary:

Nominal torque	233 KNm	171,900 lbsft
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Rotary nominal pulldown	180 KN	40,500 lbs
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Unloading speed	150 rpm	
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Rotary stroke	5.100 mm	17 ft
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Winches:

Main winch nominal pullback	180 KN	40,500 lbs
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Auxiliary winch nominal pullback	80 KN	18,000 lbs
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Diesel Engine: CATERPILLAR C9 ACERT

Power	242 KW	325 HP
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Hydraulic installation	5 pumps	
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Hydraulic oil tank	800 litres	211 gal
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Fuel tank	430 litres	114 gal
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Expandable Crawlers:

Lenght	4.900 mm	16 ft
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Width	3.000 - 4.300 mm	9.5 ft - 14 ft
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Shoes	800 mm	2.6 ft
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Approx. Weight:	57-60 tons	128,600 - 132,500 lbs
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