



MAIT -HR 120



Technical Specs

WORKING CHARACTERISTICS

Works with Augers & Buckets:

Max diameter	450 / 1.300 mm	1.5 / 4.3 ft
Without lower mast extension	1.500 mm	5 ft
Depths	35 - 40 m	114 - 131 ft

Works with CFA:

Max diameter	600 mm	2 ft
Depths	10 + 4 m	33 + 13 ft

Diaphragm Walling:

Max size	600 x 2.500 mm	2 x 8 ft
Depths	20 m	65.5 ft

TECHNICAL DATA

Rotary:

Nominal torque	120 KNm @ min 10 max 36 rpm	88,500 lbsft
Unloading speed	160 rpm	
Rotary stroke	2.500 mm (4.300 mm on request)	8 ft (14 ft on request)

Winches:

Main winch nominal pullback	120 KN	26,500 lbs
Auxiliary winch nominal pullback	72 KN	16,000 lbs

Diesel Engine:

CATERPILLAR 6.6 ACERT

Power	129 KW 2.200 rpm	173 HP @ 2,200 rpm
Hydraulic installation	4 pumps	
Hydraulic oil tank	460 litres	121 gal
Fuel tank	145 litres	38 gal

Expandable Crawlers:

Lenght	4.170 mm	13.7 ft
Width	2.500 – 3.600 mm	8 ft – 12 ft
Shoes	600 mm	2 ft
Approx. Weight:	28 tons	62,000 lbs