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MAIT HR 45 ON EXCAVATOR BASE CATERPILLAR 312

Works with Augers & Buckets:

Max diameter	400 / 1.000 mm	15.7 / 40 in
Depths	26 – 32 m	86 – 105 ft

Works with CFA:

Max. diameter	600 mm	2 ft
Depths	15 (12+3) m	49.2 (39.4+9.8) ft

Mounted on CATERPILLAR 312 excavator base

Rotary:

Nominal torque	46 KNm	33,950 lbsft @ min 10 max 36 rpm
Max nominal pulldown	60 KN	13,500 lbs
Max nominal pullback	70 KN	15,750 lbs
Unloading speed	130 rpm	
Rotary stroke	2.000 mm	7 ft

Winches:

Main winch nominal pullback	70 KN	15,500 lbs
Auxiliary winch nominal pullback	25 KN	5,625 lbs

Diesel Engine: CATERPILLAR C4.2 ACERT

Power	67 KW @ 1.850 rpm	90 HP @ 1,850 rpm
Hydraulic installation	3 pumps	
Hydraulic oil tank	150 litres	39.6 gal
Fuel tank	250 litres	66 gal

Crawler:

Lenght	3.750 mm	12 ft
Width	2.490 mm	8 ft
Shoes	500 mm	2 ft

Approx. Weight: 16 tons 35,200 lbs

