Model name	Category	Max torque (KNm)	Max Diameter (mm)	Max Depth (m)	Weight (ton)
HR 120	BORED PILES	120	1.300	40	28

Rotary

Nominal Torque	120 KNm	88,500 lbsft
Nominal Pull-Back/Pull-Down	160 - 100 KN (cylinder 2.500mm) 170 - 135 KN (cylinder 4.300mm)*	36,000 - 22,500 lbs (cylinder 8.2 ft) 38,250 - 30,375 lbs (cylinder 14 ft)*
Unloading Speed/Td>	160 rpm	
Stroke	2.500 - 4.300* mm	8.2 - 14* ft

Winches

Main Winch Nominal Pullback	120 KN	26,500 lbs
Secondary Winch Nominal Pullback	72 KN	16,000 lbs

Engine

Brand	CATERPILLAR	
Model	C6.6	
Power	129 KW @ 2.200 rpm	173 HP @ 2,200 rpm

Hydraulic System

Hydraulic Oil Tank	460 liters	121 gal
Fuel Tank	145 liters	38 gal

Crawler

Length	4.180 mm	13.7 ft
Width	2.540 - 3.640 mm	8 - 12 ft
Shoes	600 mm	2 ft

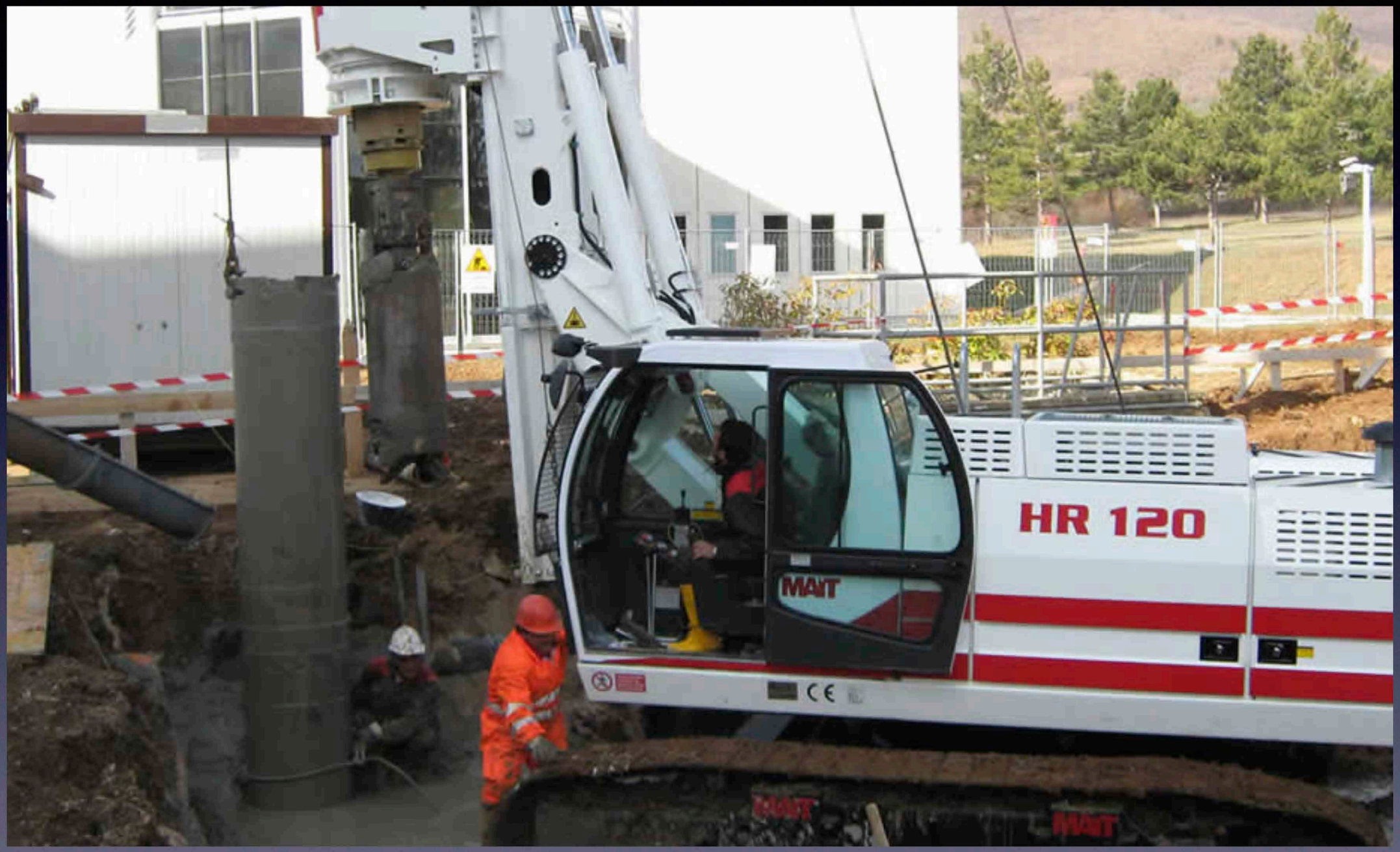
Weight

Approx Weight	28 ton	62,000 lbs

* On Request

Works With Augers & Buckets

Max Diameter	1.300 mm	4.3 ft
Max Diameter (Without Lower Mast Extension)	1.500 mm	5 ft
Depths	35 - 40 m	114 - 131 ft



ROYED

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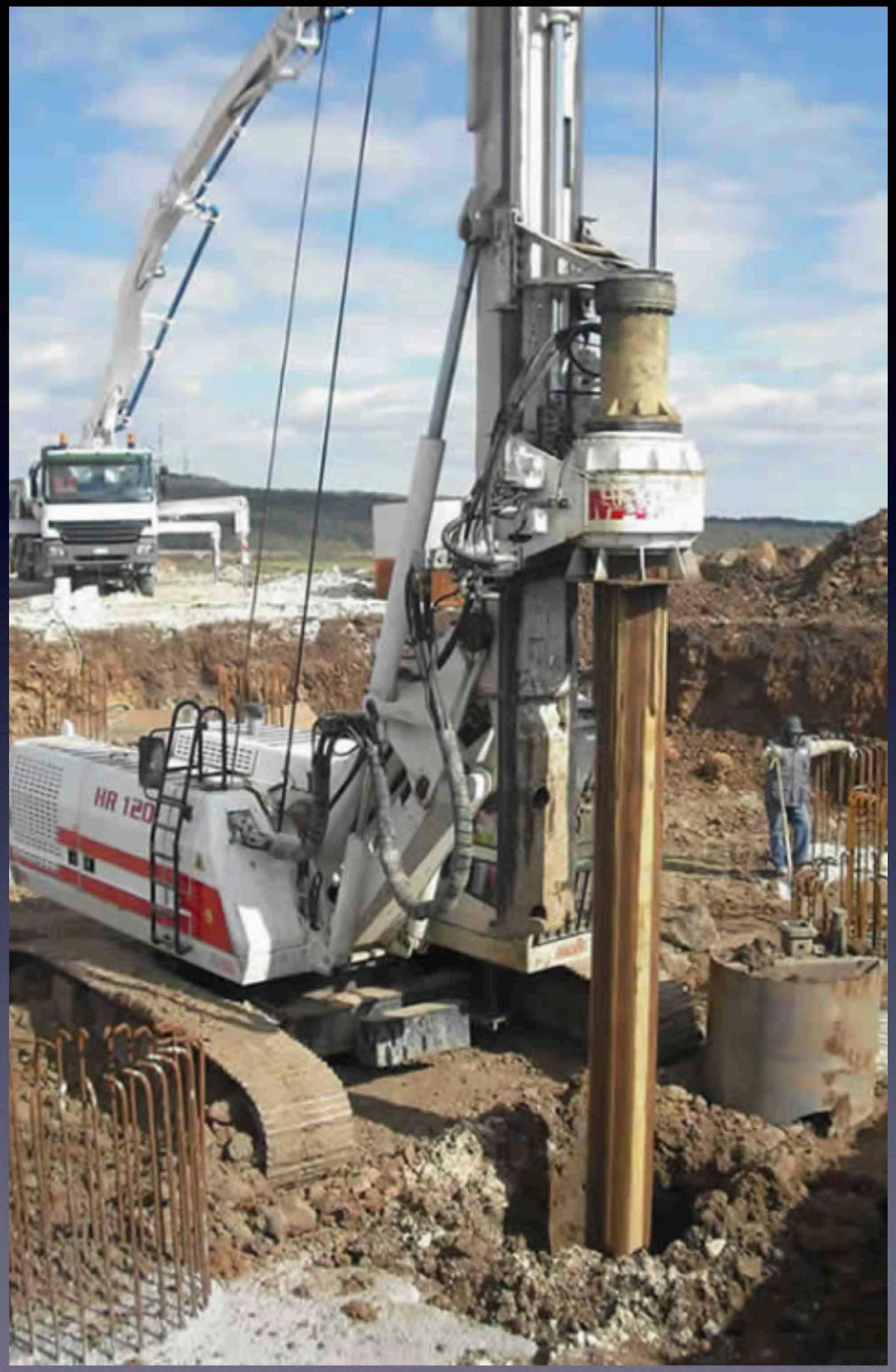
HR 120

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