

Model name	Category	Max torque (KNm)	Max Diameter (mm)	Max Depth (m)	Weight (ton)
<b>RAIL DRILL 100</b>	<b>BORED PILES</b>	<b>100</b>	<b>1.300</b>	<b>7</b>	<b>34,1</b>

#### Rotary

Nominal Torque	100 KNm	73,756 lbsft
Nominal Pull-Back/Pull-Down	26 - 55 KN	5,845 - 12,364 lbf
Unloading Speed	150 rpm	
Stroke	700 mm	27.5 in

#### Winches

Main Winch Nominal Pullback	50 KN	5,845 lbf
Secondary Winch Nominal Pullback	14 KN	3,147 lbf

#### Engine

Brand	DEUTZ	
Power	129 KW @ 2.300 rpm	173 HP @ 2,100 rpm

#### Hydraulic System

Hydraulic Oil Tank	400 liters	105.6 gal
Fuel Tank	200 lit	52.8 gal

#### Tires

Max Traction Force On Road	162 KN	36,419 lbf
Max Speed On Road	24 km/h	15 mph

#### Railway Cart

Max Traction Force On Railway Tracks	140 KN	31,473 lbf
Max Speed On Railway Tracks	19 km/h	11.8 mph

#### Weigth

Approx Weight	34,1 ton	75,177.5 lbs
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Max Diameter	1.300 mm	51.2 ft
Depths	7m	23 ft
Min-Max Working Height On Tires	4.160 - 4.635 mm	163.7 - 182.4 in
Min-Max Working Height On Railway Cart	4.290 - 4.420 mm	169 - 174 in









