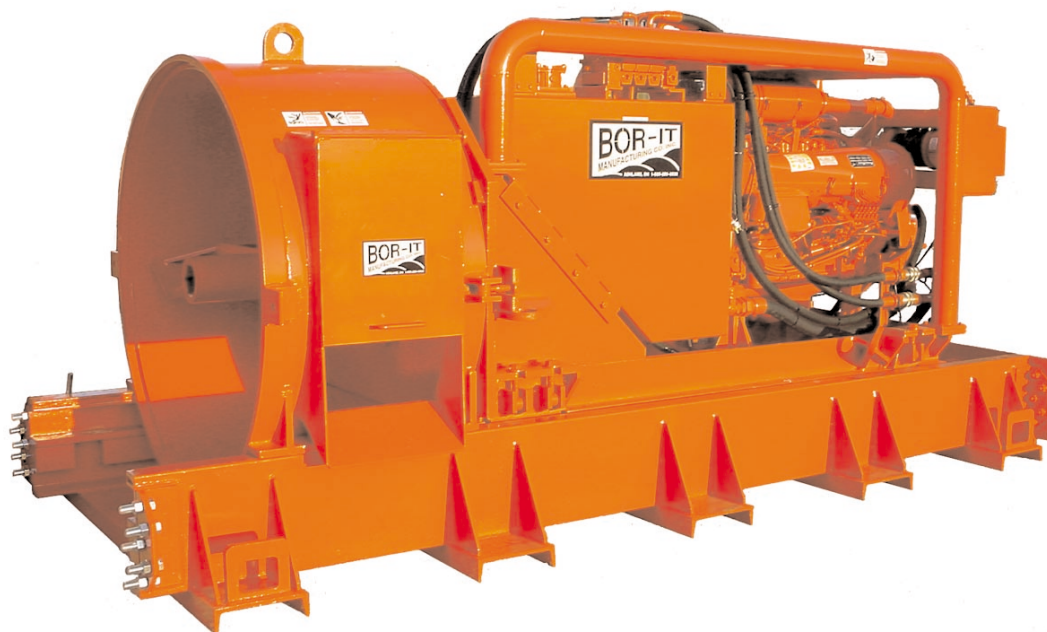


Model 54 "Terminator II"

Maximum Torque for Difficult Conditions



Model 54 Specs

Engine	Deutz Diesel
Rating	174
Engine Torque	479.4 @1600
Max Rated Speed	2,300 RPM
Transmission	Eaton

Gear	Ratio
1st gear	7.52:1
2nd gear	4.35:1
3rd gear	2.54:1
4th gear	1.52:1
5th gear	1.0:1
Rev	6.27:1
Gear Box	Fairfield S50B
Final Reduction	40:1

Torque Requirements

Gear	Ratio Max.	Speed
1st gear	144,203 ft-lbs	7.6 RPM
2nd gear	83,415 ft-lbs	13.2 RPM
3rd gear	48,707 ft-lbs	22.6 RPM
4th gear	29,147 ft-lbs	37.8 RPM
5th gear	19,176 ft-lbs	57.5 RPM
Rev	120,233 ft-lbs	9 RPM

Hydraulic System

Thrust (normal)	753,900 lbs
Hydraulic Pump	Axial Piston Pump - Load Sensing Pressure Comp
Pump Pressure (continuous)	5,000 psi
Pump Pressure (maximum)	5,800 psi
Thrust Cylinders	(Three) 8" Bore x 60" Stroke

Machine Data

Working Range	24" to 54" Casing Diameter
Hex Drive	4" or 5" hex
Push Bar	Hydraulic

Dimensions

Length	130"
Width	72"
Height	72"
Centerline	33.5"
Master Track Length	168"
Extension Track Length	120"

Weight

Machine	10,300 lbs
Cylinder Package	5,830 lbs
Master Pusher	5,830 lbs
Master Track	4,750 lbs
Extension Track (each)	2,880 lbs