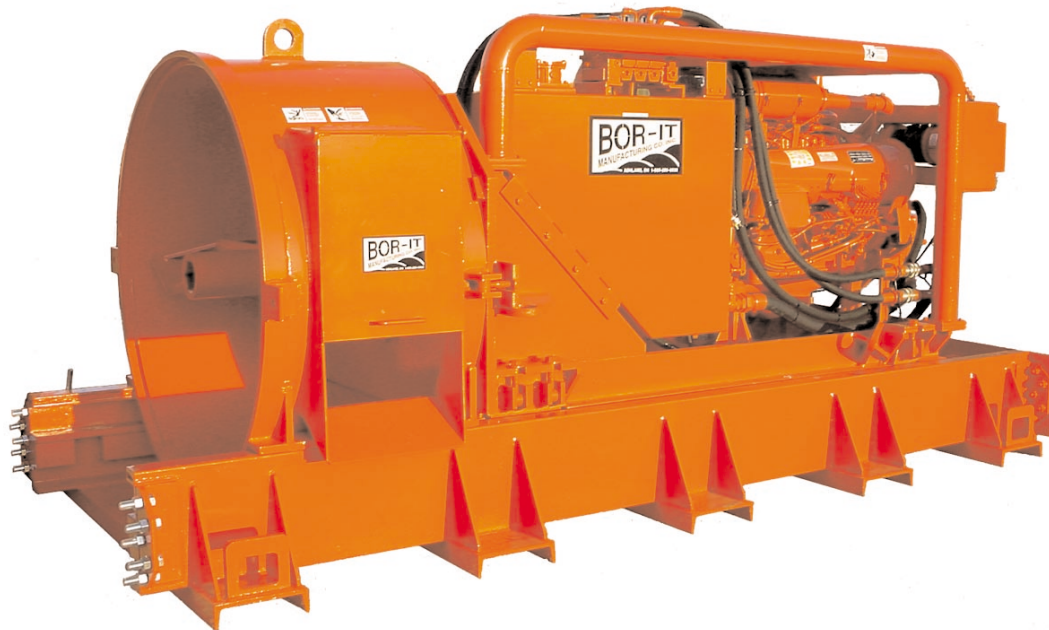


# Model 54 "Terminator II"

*Maximum Torque for Difficult Conditions*



## Model 54 Specs

Engine	Deutz Diesel
Rating	174.2
Engine Torque	861.1 @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	259,018 ft-lbs	7.6 RPM
2nd gear	149,831 ft-lbs	13.2 RPM
3rd gear	87,487 ft-lbs	22.6 RPM
4th gear	52,354 ft-lbs	37.8 RPM
5th gear	34,444 ft-lbs	57.5 RPM
Rev	215,963 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