

# Model 30 "Power Plus"

*Heavy Duty Solid Steel Built Right... Priced Right!*



**BOR-IT**<sup>®</sup>  
MFG. CO., INC.



## Model 30 Specs

Engine	Deutz Diesel
Rating	45 HP
Engine Torque	101 ft-lbs @1700
Max Rated Speed	2,800 RPM
Transmission	T-18 4 Speed

Gear	Ratio
1st gear	6.32:1
2nd gear	3.09:1
3rd gear	1.69:1
4th gear	1.0:1
Rev	7.44:1
Gear Box	Fairfield S7B
Final Reduction	45:1

### Torque Requirements

Gear	Ratio Max.	Speed
1st gear	28,724 ft-lbs	9.8 RPM
2nd gear	14,044 ft-lbs	20 RPM
3rd gear	7,681 ft-lbs	36.8 RPM
4th gear	4,545 ft-lbs	62.2 RPM
Rev	33,814 ft-lbs	8.3 RPM

### Hydraulic System

Thrust (normal)	170,000 lbs
Thrust (intermittent)	200,000 lbs
Hydraulic Pump	Axial Piston Pump
Pump Pressure (continuous)	3,500 psi
Pump Pressure (maximum)	4,500 psi
Thrust Cylinders	(Two) 6" Bore x 36" Stroke

### Machine Data

Working Range	12" to 30" Casing Diameter
Hex Drive	3" hex
Push Bar	Manual

### Dimensions

Length	95"
Width	40"
Height	52"
Centerline	22"
Master Track Length	120"
Extension Track Length	120"

### Weight

Machine	5,320 lbs
Track	800 lbs