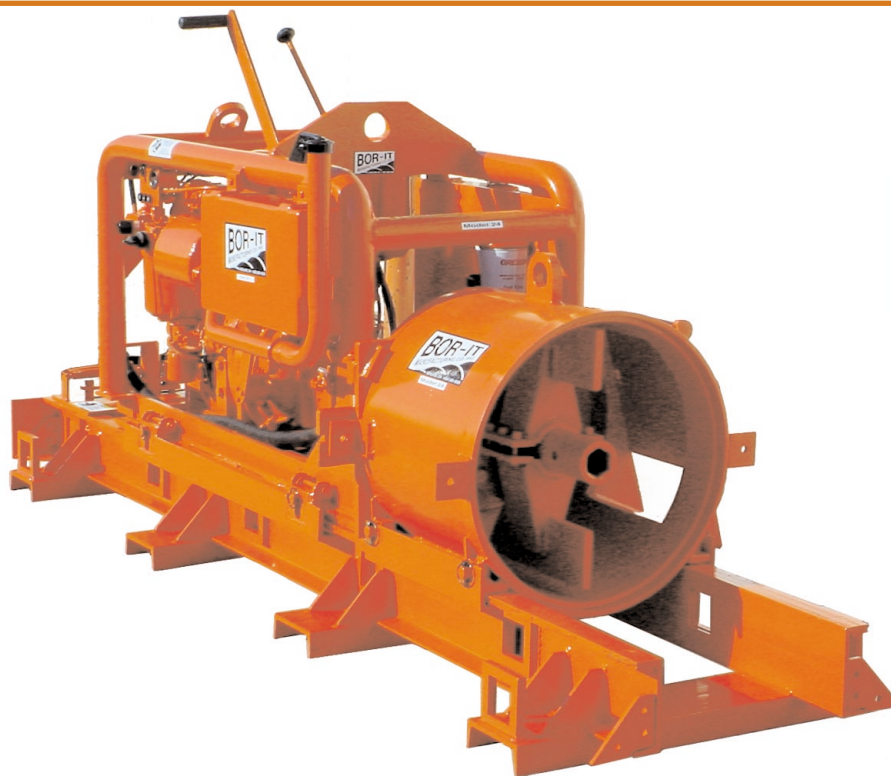


# Model 24 "Brute"

*All the Strength You Need*



## Model 24 Specs

Engine	Deutz Diesel
Rating	30 HP
Engine Torque	66 ft-lbs @1700
Max Rated Speed	2,800 RPM
Transmission	#14 3 Speed

Gear	Ratio
1st gear	3.12:1
2nd gear	1.86:1
3rd gear	1.0:1
Rev	3.75:1
Gear Box	Fairfield S3B
Final Reduction	44:1

### Torque Requirements

Gear	Ratio Max.	Speed
1st gear	9,060 ft-lbs	20.4 RPM
2nd gear	5,401 ft-lbs	34.2 RPM
3rd gear	2,904 ft-lbs	63.6 RPM
Rev	10,890 ft-lbs	17 RPM

### Hydraulic System

Thrust (normal)	84,000 lbs
Thrust (intermittent)	100,000 lbs
Hydraulic Pump	Axial Piston Pump
Pump Pressure (continuous)	3,750 psi
Pump Pressure (maximum)	4,250 psi
Thrust Cylinders	(One) 6" Bore x 36" Stroke

### Machine Data

Working Range	8" to 24" Casing Diameter
Hex Drive	2-1/4" hex
Push Bar	Manual

### Dimensions

Length	97"
Width	34"
Height	48"
Centerline	18-3/4"
Master Track Length	10'
Extension Track Length	10'

### Weight

Machine	3,060 lbs
Track	600 lbs