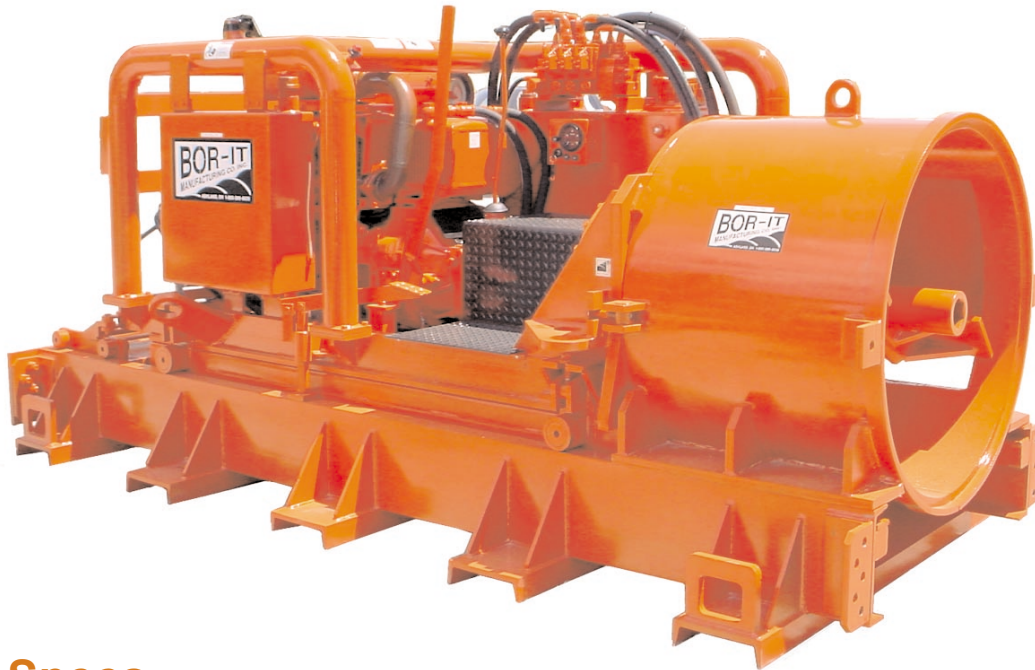


Model 42 "Thruster Buster"

Maximum Diversity at an Affordable Price



Model 42 Specs

Engine	Deutz Diesel
Rating	97 HP
Engine Torque	248.6 ft-lbs @1500
Max Rated Speed	2,300 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 S20B
Final Reduction	54:1

Torque Requirements

Gear	Ratio Max.	Speed
1st gear	84,842 ft-lbs	6.7 RPM
2nd gear	41,481 ft-lbs	13.7 RPM
3rd gear	22,687 ft-lbs	25.2 RPM
4th gear	13,424 ft-lbs	42.5 RPM
Rev	99,877 ft-lbs	5.7 RPM

Hydraulic System

Thrust (normal)	502,656 lbs
Thrust (intermittent)	603,187 lbs
Hydraulic Pump	Axial Piston Pump - Load Sensing Pressure Comp
Pump Pressure (continuous)	5,000 psi
Pump Pressure (maximum)	5,800 psi
Thrust Cylinders	(Two) 8" Bore x 60" Stroke

Machine Data

Working Range	12" to 42" Casing Diameter
Hex Drive	4" hex
Push Bar	Hydraulic

Dimensions

Length	125"
Width	60"
Height	61"
Centerline	31-1/2"
Master Track Length	144"
Extension Track Length	120"

Weight

Machine	7,470 lbs
Cylinder Package	4,150 lbs
Master Pusher	1,380 lbs
Master Track	2,660 lbs
Extension Track (each)	2,060 lbs

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