

Power Train System

Engine: 250 HP T4 CAT 7.1 @2200 RPM Water Cooled

Fuel Capacity: 62 U.S. Gallons

TRANSMISSION: FS-5205A

RATIOS

- 1st Gear 7.52:1
- 2nd Gear 4.35:1
- 3rd Gear 2.54:1
- 4th Gear 1.52:1
- 5th Gear 1.00:1
- Reverse 6.27:1

Planetary Gearbox Ratio B16-B13 DOUBLE PLANETARY 47.25:1 WITH PUSH PULL THRUST BEARING PACKAGE

Auger Drive: 4" Hex & 5" Hex
Working Range: 24" to 72" Earth Boring ; Pipe Jacking

Machine Torque and Speed Max

Transmission	Ratios	Planet Drive Ratio	Max Torque Ft-Lbs	Max Torque In-Lbs	Output Rpm
1st Gear	7.52	47.25	208,350	2,500,205	5.8
2nd Gear	4.35	47.25	112,587	1,351,042	10.7
3rd Gear	2.45	47.25	63,411	760,932	19.0
4th Gear	1.48	47.25	38,305	459,665	31.5
5th Gear	1.00	47.25	25,882	310,584	46.6
Reverse	8.05	47.25	208,350	2,500,205	5.8

D60/72-1.5 MiL

MICHAEL BYRNE MANUFACTURING

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Weights

- Top Base: 13,700 Lbs/ 6214 kg
- Bottom Base: 14,600 Lbs/ 6622 kg
- Master Track: 6,470 Lbs/ 2934 kg
- Extra Track: 3,620 Lbs/ 1642 kg
- Master Ring: 4,310 Lbs/ 1954 kg
- Master Saddle: 840 Lbs/ 381 kg

Hydraulic System

- Pressure 5,800 PSI
- Pump Type Axial Piston with Load Sensing
- Gallon per Minute 54 GPM
- Cylinders (4) 9" Bore x 36" Stroke
- Suction Strainer 100 Mesh Screen
- Pressure Filter 10 Micron Replaceable Element
- Return Filter 10 Micron Replaceable Element
- Heavy Duty Hydraulic Oil Cooler

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