

**Power Train System**

Engine: Deutz 3.6T T4 75Hp @ 2600 Rpm Water cooled.

**Fuel Capacity:** 22 U.S. Gallons

**TRANSMISSION: T-18**

**RATIOS**

- 1st Gear 6.32:1
- 2nd Gear 3.09:1
- 3rd Gear 1.69:1
- 4th Gear 1.00:1
- Reverse 7.44:1

**Planetary Gearbox Ratio:** Fairfield S20 Gear Box Ratio 54:1

Auger Drive: 3" or 4" Hex

Working Range: 12" to 36" Earth Boring ; Pipe Jacking Oprional Lift kit to 42"

**Machine Torque and Speed Max**

Transmission Ratios	Planet Drive Ratio	Max Torque Ft-Lbs	Max Torque In-Lbs	Output Rpm
1st Gear 6.32	54	83,060	996,708	7.6
2nd Gear 3.09	54	40,609	487,315	15.6
3rd Gear 1.69	54	22,210	266,525	28.5
4th Gear 1.00	54	13,142	157,707	48.2
Reverse 7.44	54	97,778	1,173,340	6.5

# D36-500

**MICHAEL BYRNE MANUFACTURING**

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**Weights**

Top Base : 8,400 Lbs/3,810 KG

Bottom Base : 8,600 Lbs/3,901 KG

Master Track : 4,250 Lbs/1,927 KG

Extra Track: 2,600 Lbs/1,178 KG

Master Ring : 2,150 Lbs/ 973 KG

**Hydraulic System**

Pressure 3,000 PSI

Pump Type Piston Pump with Load Sensing

Gallon per Minute 30 GPM

Cylinders (4) 7" Bore x 36" Stroke 4 **Cylinder Max Thrust 500,000 Lbs**

Pressure Filter 10 Micron Replaceable Element

Return Filter 10 Micron Replaceable Element

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