1000 Crawler

Service Manual

9-72142

CASE CONSTRUCTION

MidWestTech | Case 1000 Crawler Service Manual | Publication 9-72142

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1. BASIC CRAWLER SPECIFICATIONS

Engine

Model (Continental)	JD-382
*Horsepower, maximum (gross)	93
net flywheel hp	85
Fuel	No. 2 Diesel
No. cylinders	4
Bore and stroke	4-1/2" x 6"
Piston displacement (cu. in.)	382
RPM (governed at full load)	1800
Max. torque, lbs. ft. @ 1200 RPM	278
Fuel injection	Roosa-Master
Starting	24-volt electric

*Sea level (calculated) maximum horsepower (based on 60° F. and 29.92" Hg.). Manufacturer's rating.

Dimensions and Weight

Overall Length	115-1/2 Inches
Height (over fuel tank cap 6 ft. 1-1/2 inches)	8 Ft. 4 Inches
Overall Width	6 Ft. 3 Inches
Ground Clearance (at drawbar)	12 Inches
Ground Pressure	6.0 P.S.I.
Weight (approximate working - fuel and operator)	14,185 lbs.

Tracks

*Track Gauge	60 Inches
Standard Shoe Width	15 Inches
Lower Track Rollers (each side)	6
Upper Support Rollers (each side)	2
*Length of Track on Ground	79 Inches
Total Area of Ground Contact (std. shoes)	2370 Square Inches

Travel Speeds , MPH

	Forward	Reverse
1st (Lo-Lo)	0 to 1.7	0 to 2.0
2nd (Hi-Lo)	0 to 2.9	0 to 3.5
3rd (Lo-Hi)	0 to 3.4	0 to 4.1
4th (Hi-Hi)	0 to 6.0	0 to 7.1

Capacities

Fuel Tank	52 U.S. Gallons
Transmission and Torque Converter	13 U.S. Gallons
Final Drive (each side)	1-1/2 U.S. Gallons
Track Roller Reservoir (each side)	8-1/2 lbs.
Equipment Hydraulic System	16 U.S. Gallons
Cooling System	11 U.S. Gallons
Crankcase	11-1/2 U.S. Quarts

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