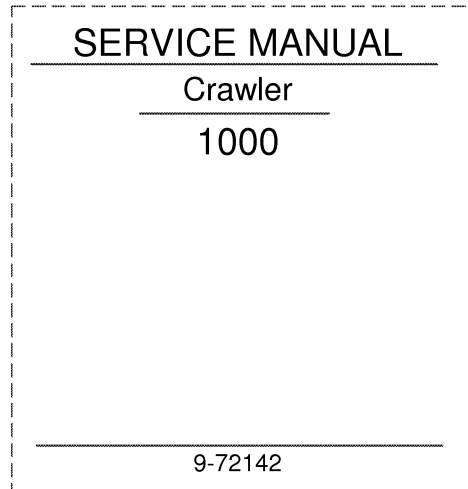


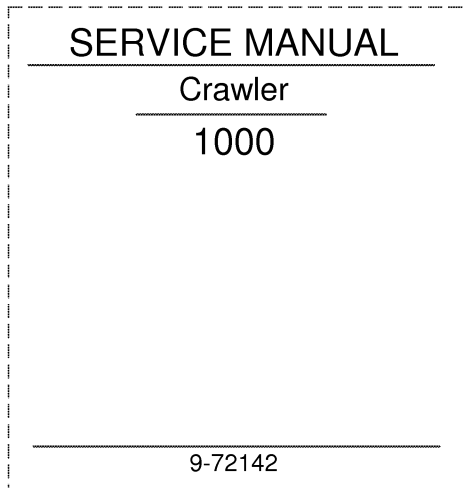
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



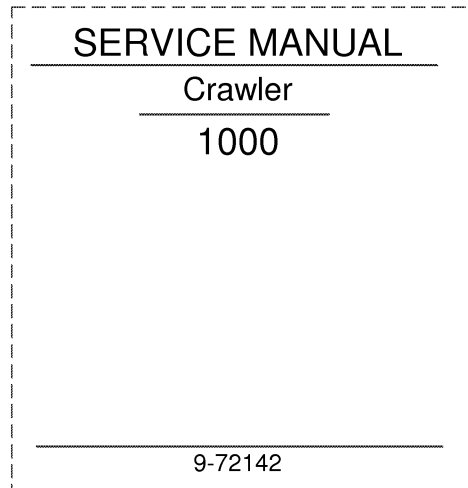
1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4



1. Trim along dashed line.
2. Slide into pocket on Binder Spine.

TYPE 1-4

# 1000D CRAWLER

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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

## Torque Converter

Type .....	Single Stage
Torque Ratio Increase at Stall .....	1.92 to 1
Fluid Used (type) .....	Case Hi-Lo TCH Oil

## Maximum Drawbar Pull

1st (Lo-Lo) .....	35,000 lbs.
2nd (Hi-Lo) .....	20,000 lbs.
3rd (Lo-Hi) .....	17,000 lbs.
4th (Hi-Hi) .....	11,000 lbs.

Manufacturer's rating. Drawbar pull figures are maximum at converter stall and assume adequate traction.

## 2. LOADER SPECIFICATIONS

### Performance Data

Breakout Force (at ground level) .....	12,190 lbs.
Hydraulic Lift Capacity (at ground level) .....	20,000 lbs.
Lift Capacity (fully raised) .....	7,400 lbs.
Digging Depth .....	9 Inches @ 8-1/2°
Grading Angle .....	103°
Bucket Rollback	
At Ground Level .....	40°
At 18" Carry .....	45°
At Maximum Lift .....	61°
Overall Height at Maximum Lift .....	14 Ft. 8 Inches
Dump Clearance at Maximum Lift (45° dump angle) .....	8 Ft. 6 Inches
Dump Reach	
At Maximum Lift (45° dump angle) .....	45 Inches
At 7 Ft. (45° dump angle) .....	58 Inches

### Buckets

	WIDTH	CAPACITY (SAE RATED)
Standard .....	81" .....	1-1/2 Cu. Yd.
Heavy Duty .....	81" .....	1-1/8 Cu. Yd.
Light Materials .....	102" .....	2-1/2 Cu. Yd.
Multi-Purpose .....	86-3/4" .....	1-1/2 Cu. Yd.

### Dimensions and Weight

Bucket Width .....	6 Ft. 9 Inches
Tractor Width (standard width) .....	6 Ft. 3 Inches
Overall Height (to top of exhaust) .....	8 Ft. 4 Inches
Overall Length to Rear of Counterweight (bucket on ground) .....	16 Ft. 5 Inches
Weight working (with bucket and counterweight) .....	23,460 lbs.
Ground Pressure (with heaped bucket) .....	12.3 P.S.I.

## Hydraulics

Dump Cylinders (2) .....	5 Inches I.D. x 22-3/16 Inches Stroke
Lift Cylinders (2) .....	5-1/2 Inches I.D. x 30 Inches Stroke
Pump Capacity (at 1800 engine R.P.M.) .....	39 G.P.M.
Main Relief Valve Pressure .....	1550 to 1650 P.S.I.

### 3. POWER ANGLING DOZER SPECIFICATIONS

#### Performance Data

Angle - Both Ways (hydraulic) .....	0° to 20°
Tilt - Both Ways (manual) .....	0 to 12 Inches
Clearance Under Blade (maximum lift) .....	31 Inches
Digging Depth Below Tracks .....	17 Inches

#### Dimensions and Weight

Blade .....	120 Inches x 31-1/2 Inches
Overall Width (blade straight) .....	120 Inches
(blade angled) .....	110-1/2 Inches
Overall Length (blade angled) .....	15 Ft. 7 Inches
Height Over Fuel Tank Cap .....	73-1/4 Inches
Ground Clearance at Drawbar .....	12 Inches
Ground Clearance at Crankcase Guard .....	16 Inches
Weight (approximate - working) .....	18,040 lbs.
Ground Pressure .....	7.6 P.S.I.

## Hydraulics

Lift Cylinders (2) .....	3-1/2 Inches x 31-1/2 Inches Stroke
Angle Cylinders (2) .....	3 Inches x 33-1/4 Inches Stroke
Pump Capacity (at 1800 engine R.P.M.) .....	32 G.P.M.
Main Relief Valve Pressure .....	1225 to 1275 P.S.I.

### 4. POWER TILT DOZER SPECIFICATIONS

#### Performance Data

Tilt - Both Ways (hydraulic) .....	0 to 14 Inches
Clearance Under Blade (maximum lift) .....	33 Inches
Digging Depth Below Tracks .....	13 Inches

#### Dimensions and Weight

Blade .....	104 Inches x 31-1/2 Inches
Overall Width .....	104 Inches
Overall Length .....	13 Ft. 1/4 Inch
Height Over Fuel Tank Cap .....	73-1/4 Inches
Ground Clearance at Drawbar .....	12 Inches

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