

The Lindeman - John Deere Crawler Tractor

Designed and built around the famous John Deere "BO" series motor and transmission.

Four forward speeds with a speed to fit every field condition.

Calculated drawbar horsepower 16.16.

Standard type dry clutch steering with both clutch and brake controls centered in two steering levers.

Entire weight of chassis carried on larger rubber bushings between motor and track frames.

Infinite adjustment of tread. The center to center distance between tracks can be changed from a minimum of 43" up to 46" with standard crossbars, and for a slight additional charge for longer crossbar, this distance can be adjusted up to 60".

Front idler and track wheel bearings of chilled white iron, assuring practically lifetime operation in the worst of soil conditions.

Extra heavy duty cast steel swinging drawbar.

Belt pulley standard equipment with power take-off extra.

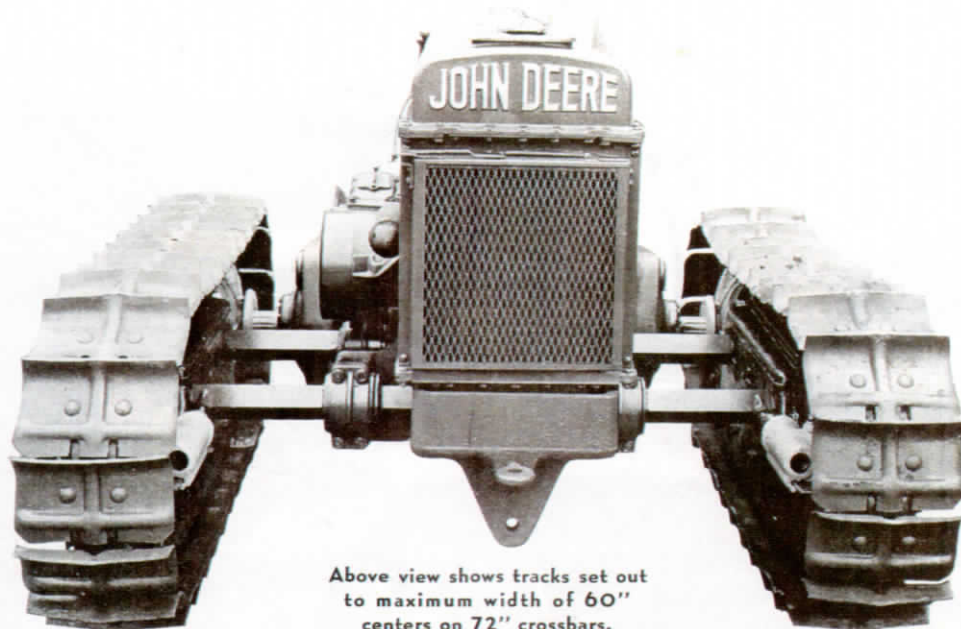
With all this, you get not only the well-known economy of the famous John Deere two cylinder engine, but the most outstanding performance in a tractor of this size.

The extreme simplicity of the John Deere motor and transmission is carried through the complete design of this crawler tractor, yet it has features never before available in crawler tractors.

Lindeman Manufacturing, Inc.

YAKIMA

WASHINGTON



Above view shows tracks set out to maximum width of 60" centers on 72" crossbars.

SPECIFICATIONS

Lindeman - John Deere "BO" Crawler Tractor

Drawbar Horsepower	16.16*
Belt Horsepower	18.53
Drawbar Pull*	
First	4852 lbs.
Second	3000 lbs.
Third	2498 lbs.
Fourth	1487 lbs.
Speed in M. P. H. at Engine Speed of 1150 R. P. M. **	
First	1.20
Second	1.95
Third	2.67
Fourth	4.00
Reverse	1.95
Belt Pulley	
Diameter 10 $\frac{5}{8}$ inches; face 6 inches, R. P. M. 1150	
Belt Speed	3200 F. P. M.

Engine
 Two cylinders—cast-in-block
 Valves-in-head
 Engine Speed—1150 R. P. M.
 Bore—4 $\frac{1}{2}$ inches; Stroke—5 $\frac{1}{2}$ inches
 Crankshaft—special quality steel, drop forged.
 2 $\frac{1}{2}$ inch crank pins
 Bearings—2 main, bronze backed, babbitt-lined,
 removable. 2 $\frac{1}{4}$ inches diameter x 2 $\frac{1}{2}$ inches
 wide
 Connecting Rods—Special quality steel drop forged
 Bearings—Babbitt. Centrifugally spun in rod
 2 $\frac{1}{2}$ inches in diameter x 2 inches wide
 Bronze bushings for piston pins
 Governor—John Deere design. Enclosed fly-ball
 type with 1 ball thrust and 2 self-adjusting
 ball bearings
 Carburetor—Natural-draft type with load and idle
 adjustment
 Ignition—High tension magneto with enclosed
 automatic impulse starter
 Air-Cleaner—Oil-wash type
 Lubrication—Full force-feed pressure system with
 oil filter
 Cooling—Thermo-siphon with gear and shaft-driven
 fan. (No belts or water pump)

Fuel Tank Capacity	13 $\frac{1}{2}$ gal.
Gasoline Tank Capacity	1 gal.
Water Capacity	6 gal.
Clutch —Two 8-inch dry discs, locking in and out.	
Transmission —Selective type. Spur gears forged, cut and heat treated. Shafts operating on 3 roller, 4 tapered roller, 5 ball bearings.	

Track
 †Width of standard track shoe
 10 inches || Diameter of track shoe bolts | $\frac{5}{8}$ inches |
Diameter of track pins	$\frac{7}{8}$ inches
Diameter of track pin bushings	1 $\frac{3}{8}$ inches
†12" or 14" Track shoe can be furnished	

Over-All
 Length
 86 inches || Height, top of radiator cap from floor | 50 $\frac{1}{2}$ inches |
| Weight | 4420 lbs. |

Ground Clearance

Length of Tracks on Ground
 (Center drive sprocket to center front idler)

Area Ground Contact
 (With ten-inch track shoes)

Gauge—(Center to center of tread)
 Standard 43" adjustable to 46" with 60" crossbar
 46" to 60" use 70" crossbar furnished at extra cost
 †60" to 70" use 82" crossbar furnished at extra cost
 †Use of over 60" center to center of tread not recom-
 mended except for light work.

Steering
 Number of friction surfaces in each steering clutch
 10 || Area individual friction surface | 48 sq. in. |
| Total friction surface each clutch | 574 sq. in. |

Drawbar Range
 Height to C/L of hook-up clevis
 12 $\frac{1}{4}$ " || Lateral movement (measured at pin) | 20 $\frac{3}{4}$ " |

Power Take Off
 R. P. M.
 554 || Height | 15 $\frac{5}{8}$ " |
| Size, 6-spline | 1 $\frac{1}{8}$ " |

*Drawbar horsepower and drawbar pounds pull
 calculated.

**Higher and Lower Gear Ratios Can Be Furnished.

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