



The Lindeman - John Deere Crawler Tractor

Power and economy from the famous John Deere "BO" series engine and transmission.

Calculated drawbar horsepower 16.16.

Four Speeds forward for any work requirement.

Standard type dry clutch steering with steering and brake control centered in two hand levers.

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

Extra heavy duty cast steel swinging drawbar.

Belt pully standard equipment. Power take-off extra.

Most outstanding performance in a tractor of this size.

Vibration and shock smothered in rubber—large rubber bushings are between chasis and track frame at each point of support.

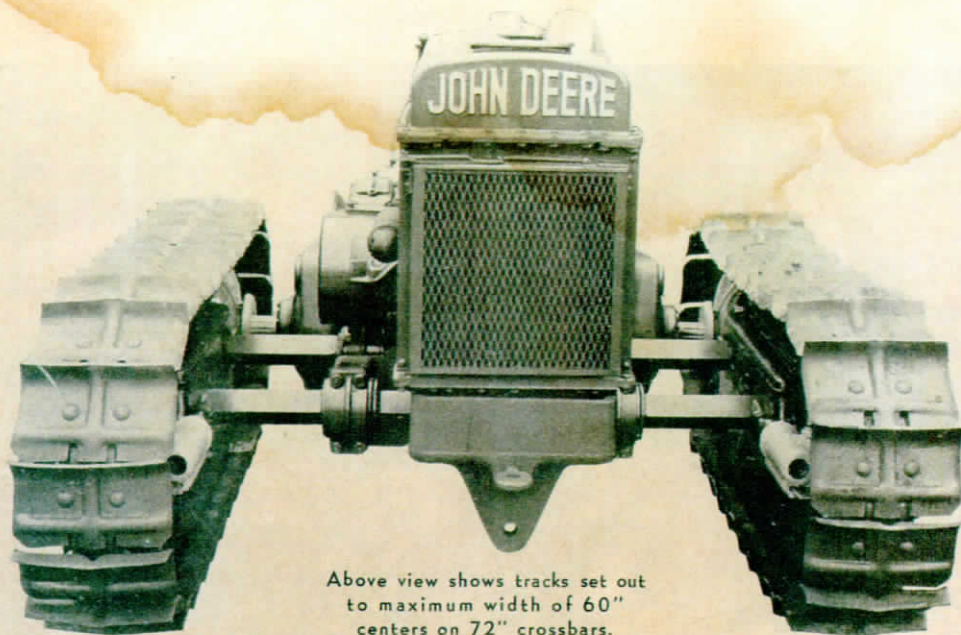
Extreme simplicity of design, features this complete tractor, yet its four-way power is adaptable to every job on your farm—power to pull your implements or handle belt-driven machines—power take-off, at slight additional charge, operates mowers, harvesters, sprayers or loaders; and the outstanding Lindeman Hydraulic Tool Bar is an extra that handles with ease most any integral attachment from a cultivator to a dozer blade.

Infinite track width adjustment—center distance between tracks can be changed to any point from a minimum of 43" out to 46" with standard cross members; with wider cross members, available at slight additional charge, this distance can be adjusted to 70".

Lindeman Manufacturing Co.

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, bronz 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. Centrifugal 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	12 inches
Diameter of track shoe bolts	$\frac{5}{8}$ inches
Diameter of track pins	$\frac{7}{8}$ inches
Diameter of track pin pushings	1 $\frac{3}{8}$ inches

Over-All	
Length	86 inches
Height, top of radiator cap from floor	50 $\frac{1}{2}$ inches
weight	4420 lbs.
Ground Clearance	9 inches

Length of Tracks on Ground (Center drive sprocket to center front idler)	48 inches
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Area Ground Contact (With twelve-inch track shoes)	1152 sq. in.
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Gauge—(Center to center of tread)	
Standard 43" adjustable to 46" with 60" crossbar	
46" to 60" use 72" crossbar furnished at extra cost	
†60" to 70" use 82" crossbar furnished at extra cost	

Steering	
Number of friction surfaces in each steering clutch	10
Area individual friction surface	48 sq. in.
Total friction surface each clutch	480 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.

‡10" or 14" Track shoe can be furnished

†Use of over 60" center to center of tread not recommended except for light work.

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YAKIMA, WASHINGTON