

Towner OFFSET DISC HARROW for The Ferguson System

Lift Type . . . With Finger Tip Control



There is extra convenience and efficiency in the tractor-attached, hydraulic-lift design of the Towner Offset Disc Harrow for the Ferguson System.

A touch of the operator's finger on the control raises or lowers the discs and regulates their depth. If soft soil is encountered, disc and tractor cannot "bury" themselves. Finger tip hydraulic control enables you to keep the discs working at just the depth you want. At the same time, the weight of the implement acts through the Ferguson System to increase traction. Leveling adjustments provide for complete elimination of side draft under all conditions.

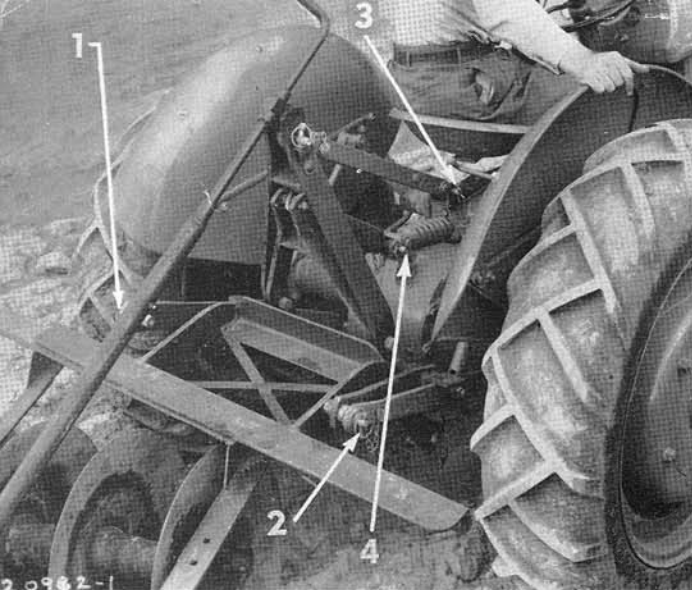
Raising the discs from the ground when turning takes all the drag off the tractor. You can turn left, or right, or you can back into corners, to disc every square foot of land.

In addition to work under low hanging branches in orchards and groves, the Towner Offset Disc Harrow is ideally suited to general field cultivation in all sections of the country. Due to its efficient penetrating action this implement has won favor for discing down heavy cover crops, weeds and crop residues. It will penetrate tough hard soils that cannot be worked effectively with lighter-weight harrows, having disc blades of smaller diameter.

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Offsets 18" left . . . No Offset . . . Offsets 18" right





The harrow attaches to the two bottom links of the Ferguson System at (1), (2). The regular Ferguson top link connects to bracket (3), attached to seat spring studs. An actuating link (4) connects the harrow "A" frame to the master hydraulic control spring of the Ferguson System.



The implement in transport position. Normal clearance between discs and the ground, with harrow lifted for transport, is $6\frac{3}{4}$ inches. The lift-type design aids both convenience and economy, as wear and tear on the disc blades is eliminated when transporting the harrow on lanes or roads. Transport trucks are unnecessary.

4-Point Attachment to the Ferguson System for Complete Control with Finger Tip Base

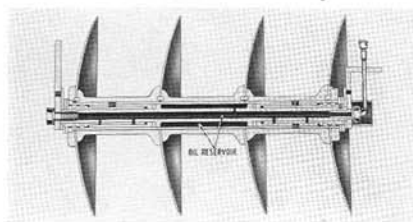
The Towner Offset Disc Harrow attaches to the Ferguson System by means of the regular Ferguson 3-point linkage, plus a fourth connection to the bracket bolted to the base of the seat spring. This bracket may be left in position permanently, without interfering with operation of tractor or other implements. This 4-point attachment to the Ferguson System is easily made in a minute or two.

Rugged, Welded Frame

Each disc gang is mounted on a frame of heavy steel, electrically welded into one solid piece. Front and rear gang frames are bolted together. Bolt holes at closely spaced intervals permit the gangs to be shifted to right or left for offset in tandem. Gangs also may be shifted to right or left individually, for inbarring or offbarring.

Plain or Enclosed Oil Bearings

The Towner Offset Disc Harrow normally is equipped with heavy-duty white iron bearings of dust-excluding construction. At slightly higher cost, Heckathorn enclosed oil bearings may be specified. When in daily use, these bearings require lubrication only twice weekly.



Cutaway section of enclosed oil bearing.

Scraper Attachment

When soil and moisture conditions cause earth to be picked up by the blades, spring steel scrapers, available as extra equipment, may be attached easily and quickly. Slotted bolt holes in the scraper blades permit proper adjustment for efficient cleaning, with minimum effect on draft.

Model No.	Width feet	No. of Discs	Spacing inches	Dia. in inches	Bearings
H-1820	4½	12	9	20	Plain
H-1822	4½	12	9	22	Plain
H-2120	5¼	14	9	20	Plain
H-2122	5¼	14	9	22	Plain
G-1822	4½	12	9	22	Oil

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