

Roderick Lean
REG. U.S. PAT. OFF.

New
No. 1
Automatic



Tractor
Disc Harrow



Manufactured By
Roderick Lean Division
FARM TOOLS, INC.

Mansfield, Ohio, U. S. A.

REDHEAD

RIDING WEEDER



Another New Tool

*Which is being
Accepted by . .*

**POTATO GROWERS
CORN RAISERS and
MARKET GARDENERS**

Everywhere

WRITE FOR CIRCULAR

Specifications on Roderick Lean No. 1 Automatic Tractor Disc Harrow

No.	Discs	Diam.	Scrapers	Width	Weight
5161	20	16"	Adj.	5 ft.	681
6161	24	16"	Adj.	6 ft.	740
7161	28	16"	Adj.	7 ft.	798
8161	32	16"	Adj.	8 ft.	907
5181	20	18"	Adj.	5 ft.	726
6181	24	18"	Adj.	6 ft.	796

No.	Discs	Diam.	Scrapers	Width	Weight
7181	28	18"	Adj.	7 ft.	863
8181	32	18"	Adj.	8 ft.	988
6161	24	16"	Osc.	6 ft.	748
7161	28	16"	Osc.	7 ft.	812
8161	32	16"	Osc.	8 ft.	929

NOTE: All Roderick Lean No. 1 Automatic Tractor Disc Harrows are regularly shipped with Scrapers, Round Disc Blades and Front and Rear Built-In Weight Boxes.

EXTRA EQUIPMENT: The following items can be furnished for the above Harrow at an additional cost — Transport Trucks and Disc Depth Gauges.

Other Fine Implements in the Farm Tools, Inc. Lines

The Farm Tools, Inc. Lines are complete insofar as the regular tillage tools and plows go. In our line are the following Implements, each a leader in its respective field.

RODERICK LEAN

Spike and Spring Tooth Harrows

All types

Horse Drawn and Tractor Disc Harrows

One- and Two-Row Cultivators

Riding Weeders

Field Cultivators

Scrapers

VULCAN

One- and Two-Horse Walking Plows

Both Chilled and Steel

Sulky Plows

Tractor Plows

Stalk Cutters

Pulverizers and Mulchers

HAYES

Two- and Four-Wheel Two-Row

Corn Planters

PEORIA

Grain Drills, All types

Endgate Seeders Fertilizer Distributors

Lime Sowers

Harrow Alfalfa and Grass Seeders



New No. 1 Automatic Tractor Disc Harrow

The Tractor Does The Work

The Roderick Lean No. 1 Automatic Tractor Disc Harrow is the latest and most up-to-date Harrow on the market. A few easy turns of the wheel and the tractor does the work you have to do by hand with other harrows.

The secret lies in the new Roderick Lean Worm and Sector device that controls the shifting of the gangs. Eleven easy turns of the wheel set the gang control shifting device in the steel stub, so that the gangs will change from straight to full angle as soon as the tractor is started.

The operator has no weight to move in setting the shifting strap in position as only the strap itself is moved when the wheel is turned.

The gangs may be shifted from straight to full angle or back to straight again while the harrow is in motion, simply by giving the wheel the required number of turns. The gangs will straighten themselves automatically when the tractor is backed. The New No. 1 Roderick Lean is without doubt, one of the strongest and sturdiest tractor disc harrows ever built.

Angle Steel Frame

The Frame is of Heavy, High-Carbon Angle Steel and Steel Forgings, instead of castings, this construction increases strength and reduces weight. The finest constructed frame that skilled engineering can produce.

Built-In Weight Boxes and Frames

Formed of Angle Steel. The Front Harrow has built-in Weight Boxes with Heavy Angle Steel Sides and Sheet Bottoms. The Rear Harrow has Heavy Weight Frames of Angle Steel which give a pleasing and finished appearance to the Harrow. But more than that, they give strength. All units of this splendid Disc Harrow are unusually sturdy, designed to give exceptional service. Welding or Bolts with Lock Washers are used in construction, and all parts, where necessary, are easily removable for replacement or repair.

Scrapers

High Quality Spring Steel Adjustable Scrapers are furnished as regular equipment on the Roderick Lean No. 1 Harrow. Scraper Frame is strongly braced to main frame and supported on Steel Standard from bearing. Oscillating Type Scrapers can be furnished when desired at an additional cost.

Galesburg Electric Heat-Treated Discs

As covered on the inside part of this folder Galesburg Electric Heat-Treated Discs are furnished regularly on the Roderick Lean No. 1 Tractor Disc Harrow. No finer disc can be used in harrow construction than the Galesburg. Discs can be furnished in 16, 18 or 20 inch diameter both round or cut-out. Harrows regularly shipped with 16 inch round disc blades.

New Type Bearings

As covered in center page the Front Gang Bearings are of the fine two piece type, with two replaceable Oil-Soaked Hard Maple Bushings. The Rear Gangs have the Center Thrust Type Bearing as the major strain comes on the rear gangs. These Bearings have four replaceable Oil-Soaked Hard Maple Bushings. The thrust all comes on the ring at the CENTER of the hub. These bearings are heavy, long lasting and trouble-free. In fact the finest bearings engineering skill can design for efficiency.

Double Draft Bars

Double Draft Bars converging from the outer ends of the gangs connect the rear section with the front section and holds it in place so that the rear disc blades always cut midway between the front discs at all times -- even on hillsides. Flexible connections on draft bars permit short turning without digging holes or dragging soil.

The Feature That Does The Work

The New No. 1 Automatic Tractor Disc Harrow is essentially a one man outfit designed to save the operator -- ALL ADJUSTMENTS BEING MADE EASILY AND QUICKLY FROM THE TRACTOR SEAT.

The special Roderick Lean Worm and Sector Device as explained in this folder under the heading THE TRACTOR DOES THE WORK saves time and work on the part of the operator.

Then the many other splendid features as covered in this folder all do their part to make this the outstanding Tractor Disc Harrow it is today and gives the reason why it is the choice of many thousands of up-to-date American Farmers.

Roderick Lean Division of Farm Tools Inc. with 65 years of making the best in Disc Harrows have achieved an engineering triumph in this New No. 1 Automatic Tractor Disc Harrow. A trial of this harrow will quickly convince the user that this is the harrow he has been wanting for years.

Manufactured By

FARM TOOLS, INC.

Roderick Lean Division

Mansfield, Ohio, U. S. A.

THE TRACTOR DOES ALL
OF THE WORK.
HANDY CONTROL FROM
TRACTOR SEAT.

SIMPLE AND RUGGED
BUILT FOR YEARS OF
SATISFACTORY SERVICE.

The Roderick Lean

No. 1 AUTOMATIC TRACTOR DISC HARROW

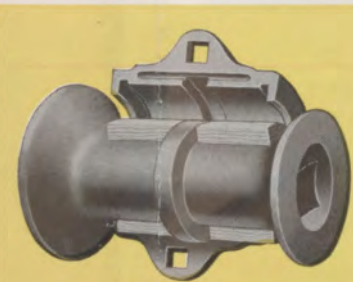


New Type Bearings Bearings on Front Gangs

Bearings on front gangs are of the two-piece type, with two replaceable Oil-Soaked Bushings of Hard Maple. These bearings are as near dustproof as engineering skill can design and are heavy to assure long life. Bearings are provided with an Alemite Fitting at the center where there is the least chance of dirt getting in, this assures perfect lubrication.

Bearings on Rear Gangs

The Bearings on the rear gangs are of the Center Thrust Type with four replaceable Hard Maple, Oil-Soaked Bushings. The thrust all comes on the ring at the CENTER of the hub -- the point farthest from dust and dirt that may work in from the ends. An Alemite Pressure Fitting is provided at the center, where there is the least chance of dirt clogging it, and where fresh grease is forced in and tends to push dirt out. Easily accessible.

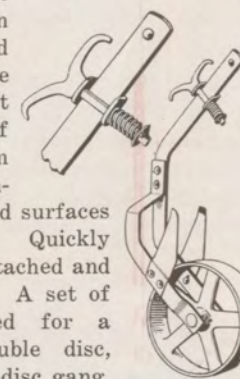


Grease Grooves in Bearing Spools and in Wood Bushings make certain perfect lubrication to all parts of bearings. See illustration.

Transport Trucks

Save your disc blades

A disc harrow, to do good work must have sharp discs. Dull discs cause shallow cutting, and increase draft. Roderick Lean Transport Trucks are used to move the harrow on the road, and to or from the field. Protect the edges of discs from coming in contact with hard surfaces and stones. Quickly and easily attached and cannot drop. A set of four required for a complete double disc, one for each disc gang.



Galesburg Electric Heat-Treated Discs

All Roderick Lean New No. 1 Automatic Tractor Disc Harrows are equipped with Genuine Galesburg Electric Heat-Treated Discs with extra hard and sharp cutting edges, Galesburg Discs will outwear ordinary disc many times over. They also add greatly to the effective life of the



Disc Harrow. These discs are more expensive but are used to insure the greatest efficiency and satisfaction from this fine new harrow.

The Roderick Lean No. 1 Tractor Disc Harrow is The Last Word in Efficiency

Farm Tools, Inc. Lines

RODERICK LEAN

SPIKE TOOTH HARROWS

SPRING TOOTH HARROWS

DISC HARROWS

RIDING CULTIVATORS

SCRAPERS

RIDING and WALKING WEEDERS

FIELD CULTIVATORS

HARROW CARTS

HAYES

TWO- and FOUR-WHEEL CORN PLANTERS

VULCAN

TRACTOR PLOWS, STALK CUTTERS

PULVERIZERS

HORSE DRAWN PLOWS

PEORIA

SEEDERS

FERTILIZER DISTRIBUTORS

ENDGATE SEEDERS

GRAIN DRILLS



DISTRIBUTED BY