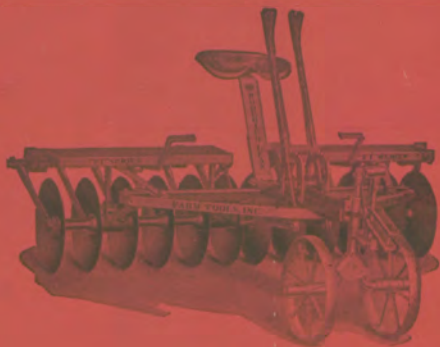


Roderick Lean
REG. U.S. PAT. OFF.

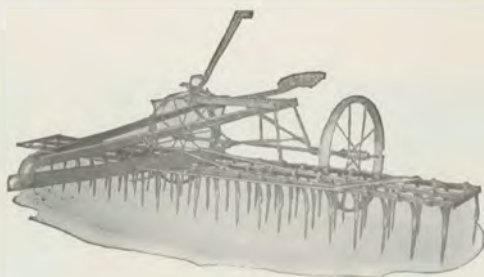
"FT" Series
Horse-Drawn
Disc Harrow



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

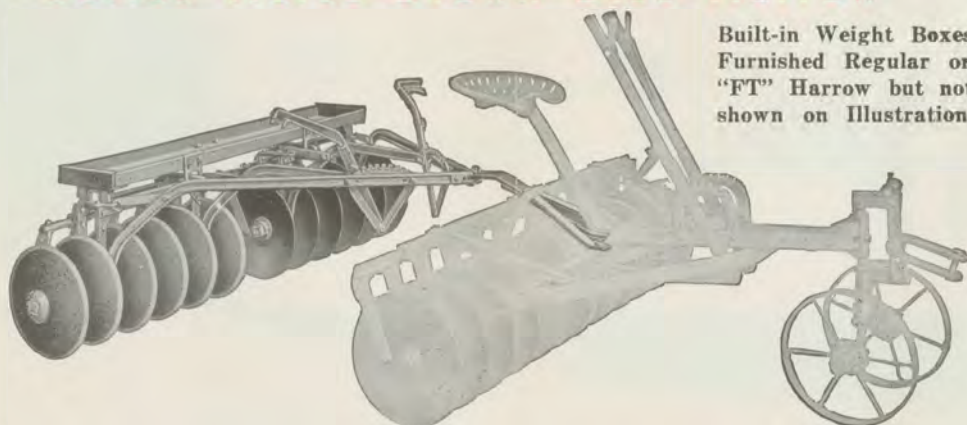
WRITE FOR CIRCULAR

"T" Series Flexible Trailer Attachment for use with

Roderick Lean "FT" Series Horse-Drawn Disc Harrow

The Roderick Lean Flexible Trailer is made for the 6, 7, and 8 foot sizes. Can be instantly attached to the Roderick Lean "FT" Series Single Disc Harrow by merely bolting to the front frame. This makes a Double Action Disc Harrow.

Individual gang adjustment provided for by separate levers for each rear gang. Easy to use.



"T" Series Flexible Trailer Attached to "FT" Series Horse-Drawn Disc Harrow

CONSTRUCTION DETAILS

Equipped with double, curved draft bars, one on each inner and outer end of each gang. Double draft bars pull the Trailer in the best possible manner, providing direct draft to the outer ends of gangs at the axle and bearing. Positively prevents trailer from tracking with front section, or sliding on hillsides or sloping ground. Rear disc blades always cut midway between front.

Flexible connections reduce strain, permits

short turning without piling soil, and makes possible light draft and even depth of cultivation. Slotted gang adjustment plates fastened to front of frame weight box permit inner ends of gangs to be raised or lowered to suit conditions.

Rear Main Frame built in the form of a weight box. Has single steel sides and sheet steel bottom. Provides substantial frame and weight box in one, without extra expense for weight pans.

Sizes and Weights

Number	Disc	Diameter	Width	Weight
516 T	10	16 in.	5 ft.	328 lbs.
616 T	12	16 in.	6 ft.	343 lbs.
716 T	14	16 in.	7 ft.	364 lbs.
816 T	16	16 in.	8 ft.	424 lbs.
518 T	10	18 in.	5 ft.	343 lbs.
618 T	12	18 in.	6 ft.	371 lbs.
718 T	14	18 in.	7 ft.	403 lbs.
818 T	16	18 in.	8 ft.	490 lbs.

REPAIR PARTS

No.	List Price	
9110G.	\$.15	Felt Pad
5846	.10	Wood Bearing



"FT" Series Horse-Drawn Disc Harrow

THE New Roderick Lean "FT" Series Horse-Drawn Harrow is the result of years of study and designing by one of the largest and oldest Harrow manufacturers. In this Harrow has been incorporated every feature that can make for efficiency, economy and ease of operation.

FRAME: The frame is extra heavy, one piece angle steel, rigidly braced through the center by the steel stub pole.

CENTER FOOT LEVER: See illustration on center page. This construction permits instant adjustment for working dead furrows, ridges or uneven ground. Even depth of cultivation at all times. No delay or bother to make adjustments with wrench.

No pressure springs to weaken or break. Pressure released by foot lever lock. Easier to adjust than hand lever. Conveniently placed and not in operators way.

DOUBLE-WHEEL FORETRUCK: There is positively no better two-wheel Foretruck on the market than the Roderick



Lean. The axle is heavy, round steel, arched to provide ample clearance. Heavy steel wheels, removable dust-proof hubs, 16 inches in diameter, two-inch oval tires, reinforced spokes. Wheel held in place by Linch Pin and Castellated Thrust Washer which is adjustable to allow for wear. This is the finest manufacturing construction possible and assures true operation of wheel at all times. Height of hitch adjustable, and height of pole regulated without interfering with height

of hitch. Fits any standard Disc Harrow. Furnished either with or without hard oilers when specially ordered. On discs that have steel stub poles, the foretruck attaches without wood stub.

STURDY CONSTRUCTION: It is not enough to incorporate a number of fine features in a Horse-Drawn Disc Harrow, the harrow must also be sturdily built if it is to give years of trouble-free service.

Every part of the Roderick Lean "FT" Series Horse-Drawn Disc Harrow has been constructed with a careful study made to strengthen and this harrow is so strongly built that it will last for many years.

The frame used on this harrow is the same frame as is used on our tractor disc harrow which gives a great amount of reserve strength and weight. This same principle is followed all through the harrow so you can make no mistake in buying the Roderick Lean "FT" Series Horse-Drawn Disc Harrow as it will serve efficiently and well.

SCRAPER FRAME: Strongly braced to main frame, and supported by steel standard at each bearing.

SCRAPERS: Oscillating type of flexible spring steel. Operate by foot lever conveniently placed and keep the discs clean from the center to the outer edge. The finest and most expensive scraper features that can be used on a Disc Harrow.

GALESBURG ELECTRIC HEAT-TREATED DISCS: All Roderick Lean "FT" Series Horse-Drawn Disc Harrows are furnished with Galesburg Electric Heat-Treated Discs, which insure long life and stay sharp and true.

NEW TYPE BEARINGS: Permanent Lubrication. No grease cups to forget or break. Extra large new split-type bearings. Upper section of oil soaked hardwood. Lower section heavy felt pad, thoroughly saturated in oil. Under all ordinary conditions further lubrication will not be necessary before end of season. Dirt proof housing held in place by single bolt so that felt pad may be easily removed for cleaning and re-oiling.

BUILT-IN WEIGHT BOXES: Angle Steel Sides and Sheet Steel Bottom furnished as regular equipment on the New "FT" Series Disc Harrow.

ADJUSTMENTS: Long steel levers work in forged steel ratchets, insuring good strength and easy shifting of gangs.

POLE: Supplied either with double-wheel foretruck or wood pole.

DISCS: Can be furnished with 16, 18 or 20 inch Discs, either round or cutout.

SIZES and WEIGHTS

Number	Description	Width	Equipment	Weight With Pole	Weight With Foretruck
416 FT	8 Discs 16 inch	4 ft.	2 H.H.	339 lbs.	378 lbs.
516 FT	10 Discs 16 inch	5 ft.	2 H.H.	364 lbs.	403 lbs.
616 FT	12 Discs 16 inch	6 ft.	3 H.H.	429 lbs.	465 lbs.
716 FT	14 Discs 16 inch	7 ft.	3 H.H.	464 lbs.	500 lbs.
816 FT	16 Discs 16 inch	8 ft.	3 H.H.	522 lbs.	558 lbs.
916 FT	18 Discs 16 inch	9 ft.	4 H.H.	575 lbs.	611 lbs.
1016 FT	20 Discs 16 inch	10 ft.	4 H.H.	625 lbs.	662 lbs.
418 FT	8 Discs 18 inch	4 ft.	2 H.H.	359 lbs.	398 lbs.
518 FT	10 Discs 18 inch	5 ft.	2 H.H.	394 lbs.	433 lbs.
618 FT	12 Discs 18 inch	6 ft.	3 H.H.	461 lbs.	497 lbs.
718 FT	14 Discs 18 inch	7 ft.	4 H.H.	502 lbs.	538 lbs.
818 FT	16 Discs 18 inch	8 ft.	4 H.H.	547 lbs.	586 lbs.
918 FT	18 Discs 18 inch	9 ft.	4 H.H.	625 lbs.	654 lbs.
1018 FT	20 Discs 18 inch	10 ft.	4 H.H.	647 lbs.	680 lbs.
420 FT	8 Discs 20 inch	4 ft.	2 H.H.	355 lbs.	414 lbs.
520 FT	10 Discs 20 inch	5 ft.	2 H.H.	384 lbs.	453 lbs.
620 FT	12 Discs 20 inch	6 ft.	3 H.H.	453 lbs.	521 lbs.
720 FT	14 Discs 20 inch	7 ft.	4 H.H.	492 lbs.	566 lbs.
820 FT	16 Discs 20 inch	8 ft.	4 H.H.	554 lbs.	618 lbs.
920 FT	18 Discs 20 inch	9 ft.	4 H.H.	611 lbs.	690 lbs.
1020 FT	20 Discs 20 inch	10 ft.	4 H.H.	665 lbs.	720 lbs.

Manufactured By

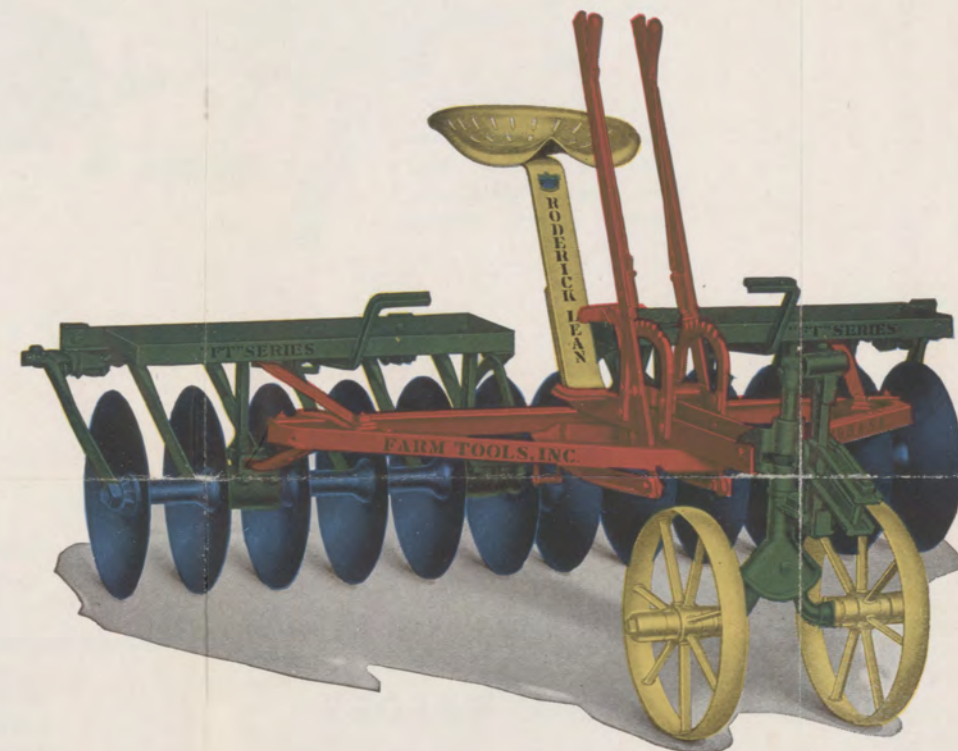
FARM TOOLS, INC.

Roderick Lean Division

Mansfield, Ohio, U. S. A.

THE WORLD'S GREATEST NEW HORSE-DRAWN DISC HARROW

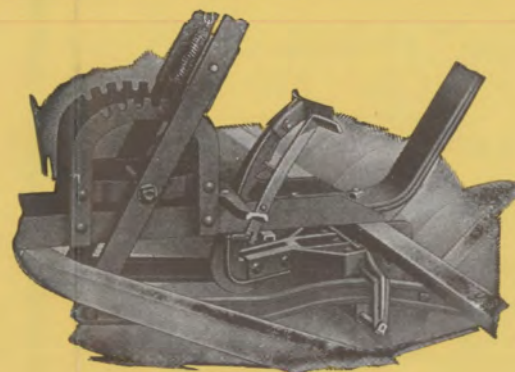
"It is self-Lubricating as it works"



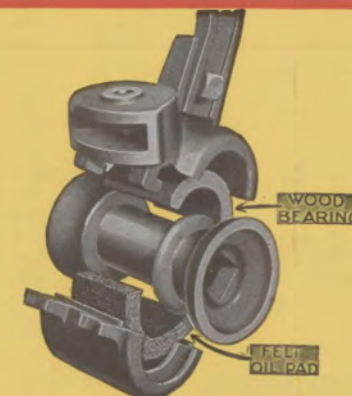
Roderick Lean . . .
New "FT" Series

**HORSE-DRAWN
DISC HARROW**

Equipped with Galesburg
Electric Heat-Treated
Disc Blades



**CENTER
FOOT-LEVER
ADJUSTMENT
and RELEASE**



**SELF-LUBRICATING
BEARING**

- - Oil the Felt Pad Once
Each Season and Forget

(No Grease Cups or Fittings to Worry About)

Farm Tools, Inc. Lines

RODERICK LEAN

SPIKE TOOTH HARROWS
SPRING TOOTH HARROWS

DISC HARROWS

RIDING CULTIVATORS

SCRAPERS RIDING 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