

FOR DEALER'S USE ONLY

# COCKSHUTT

## Farm Implements and Equipment



**COCKSHUTT PLOW CO. LIMITED**

HEAD OFFICE AND WORKS: BRANTFORD, CANADA

WESTERN BRANCHES:

WINNIPEG, REGINA, SASKATOON, CALGARY, EDMONTON

HARVESTER DIVISION:

THE FROST & WOOD CO. LIMITED

SMITHS FALLS, ONT.

FROST & WOOD QUEBEC LIMITED  
MONTREAL, QUE.

FROST & WOOD MARITIME LIMITED  
TRURO, N. S.

**Local  
History**

Local History  
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# A FULL LINE OF IMPLEMENTS FOR USE THROUGHOUT THE YEAR



Cockshutt Plow Co., Ltd., Brantford, Ont.

## Cockshutt History

FOUNDED in 1877 by J. G. Cockshutt, the business now known as Cockshutt Plow Co. Limited, originated in a very unpretentious building with five or six employees. Initial production was confined to plows and small root cultivators, but then, as now, quality and service were primary considerations. The reputation thus gained, speedily built up a demand which soon became national and then international.

The steady addition of new implements to the line, and continued growth of the business resulted in successive enlargements of factory facilities, culminating in the building of the present plant in 1903. Numerous additions have since been made and the equipment, which is constantly being improved, is probably unsurpassed by any of its kind anywhere.

A close connection formed in 1910 with The Frost & Wood Co. Limited of Smiths Falls, Ontario, manufacturers of haying and harvesting machinery since 1839, continued until 1933. Then an amalgamation was effected whereby The Frost & Wood Company became the Harvester Division of Cockshutt Plow Co. Limited, retaining its identity however.

Cockshutt Branches at Winnipeg, Regina, Saskatoon, Calgary and Edmonton; Frost & Wood Branches at Smiths Falls, Montreal and Truro; distributing warehouses and agencies all across Canada and export connections throughout the world provide excellent distribution and service facilities.



The Frost & Wood Co., Ltd., Smiths Falls, Ont.



Plowing with Eskimo Huskies and a Cockshutt Walking Plow in the far north of Canada.



Going through heavy trash with the No. 44 Sulky Plow near Melbourne Australia.



Oxen pulling a Cockshutt Gang Plow in South Africa.



The New Rotary Disc Plow at work in hard ground in Argentina



Good work with the No. 4 Tractor Plow at Lyallpur, India



The No. 31 Overhead Beam Disc Plow giving a good account of itself in Algeria.



Three "Tiller Combines" on one farm in Western Canada.



The No. 6 Tractor Plow doing an excellent job near Cirencester, England.



Oxen pulling a "Tiller Combine" in South Africa.



A new implement in an old setting—The No. 33 "Tiller Combine" in India.



Agricultural students inspecting the "Tiller Combine" in Argentina.

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# The Name "Cockshutt" Guarantees Quality



Two Cockshutt Drills on the Canadian prairies seeding a strip 36-ft. wide at one time.



Cockshutt Irrigation Ditcher making ditches for sugar cane at Pusa, India.



Inspecting the work of a Cockshutt Coffee cultivator in Brazil.



Rooting out the weeds with a Frost & Wood Cultivator in Western Canada.



A Frost Wood Tractor Binder, cutting a good crop in Manitoba, Canada.



Cockshutt Spring Tooth Lever Harrow at Pusa, India.



Cockshutt No. 6 Tractor Disc Harrow at Lyallpur, India.

## The Cockshutt Line

COCKSHUTT agents and distributors have at their command a line of equipment designed to meet practically every implement requirement of the modern agriculturist. From the smallest single furrow walking plow to the largest tractor drawn machine, every Cockshutt product is built with a careful attention to detail and so combines the finest materials with expert workmanship that the very name "Cockshutt" is a guarantee of service and satisfaction. A close study of agricultural requirements throughout the world and an intimate knowledge of the conditions under which it will be called upon to work, lies behind every piece of Cockshutt equipment.

- Single Furrow Walking and Riding Plows
- Walking and Riding Gang Plows
- Mouldboard Tractor Plows
- Horse and Tractor Disc Plows
- Brush Breakers
- "Tiller Combines"
- Grain and Fertilizer Drills
- Broadcast Seeders
- Corn and Cotton Planters
- Disc and Drag Harrows
- Field and Garden Cultivators
- Scufflers, Weeders, Horse Hoes
- Pulverizers, Rollers
- Irrigation Ditchers
- Manure Spreaders
- Lime and Fertilizer Distributors
- Grain and Corn Binders
- Mowers, Rakes, Hayloaders
- Harvester Combines
- Pulpers, Straw Cutters
- Specialized Equipment for Tobacco, Sugar Cane, Peanuts, Etc.

## Cockshutt Plow Co.

Limited

Founded in 1877

Head Office and Works: BRANTFORD, CANADA

Cable Address—"Cockshutt", Brantford, Canada

Codes:—A.B.C. 4th and 5th Edition

Western Union—5 Letter; Marconi—5 Letter

Lieber's, Bentley's

Branches:

Winnipeg, Regina, Saskatoon, Calgary  
Edmonton

Harvester Division:

## The Frost & Wood Co.

Limited

Founded 1839

Smiths Falls

Montreal

Truro

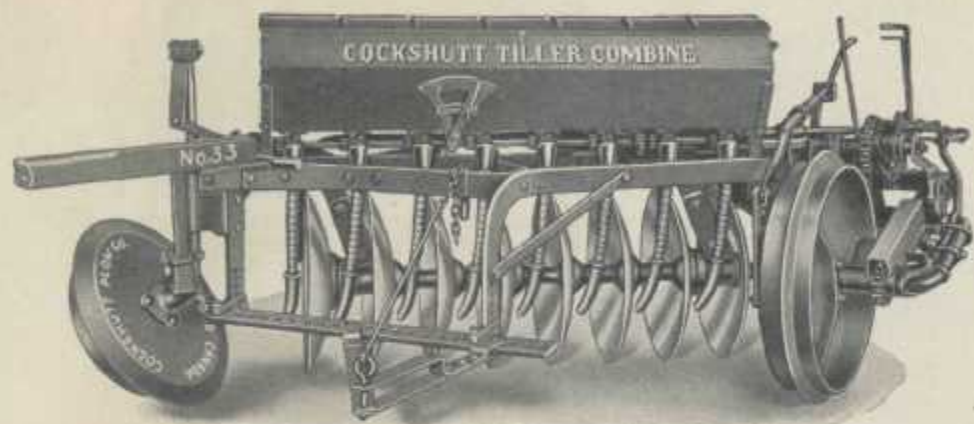
# Afield with COCKSHUTT Implements



**COCKSHUTT PLOW CO.**  
LIMITED  
BRANTFORD, CANADA



# Successful Farmers Increase Their Profits with the No. 33 "Tiller Combine" WHY DON'T YOU?



Front View, No. 33, 4-ft. 5-in. Horse Drawn "Tiller Combine" with Seeding Attachment

## Profit By Your Neighbours' Experience

Surely the experience of successful farmers who have become enthusiastic supporters of the "Tiller Combine" method of farming should be of value to **you** in solving **your** problem of obtaining better results at lower cost. These men—hundreds of them—testify to the efficiency of this Cockshutt implement and to the savings made possible by its use for spring tillage and seeding, summer fallow cultivation and after-harvest discing. The following excerpts are typical of many letters received from satisfied owners:

"I threshed 70 bushels per acre of oats on a 60 acre field sowed with a No. 33, 4' 5" "Tiller Combine" as against 60 bushels per acre on an adjoining field sowed with a drill. For destroying twitch grass, there is no implement I know of that will do the work of the "Tiller Combine". I am convinced that my farming operations will be reduced one-third by the use of this machine."

VAL. SCHLAMP, Grenfell, Sask.

"I sowed 240 acres with the No. 33 "Tiller Combine" and never lost a minute through breakages. My grain came along nice and even and I got a better yield than from land sowed with a seed drill. The crop was very free from weeds."

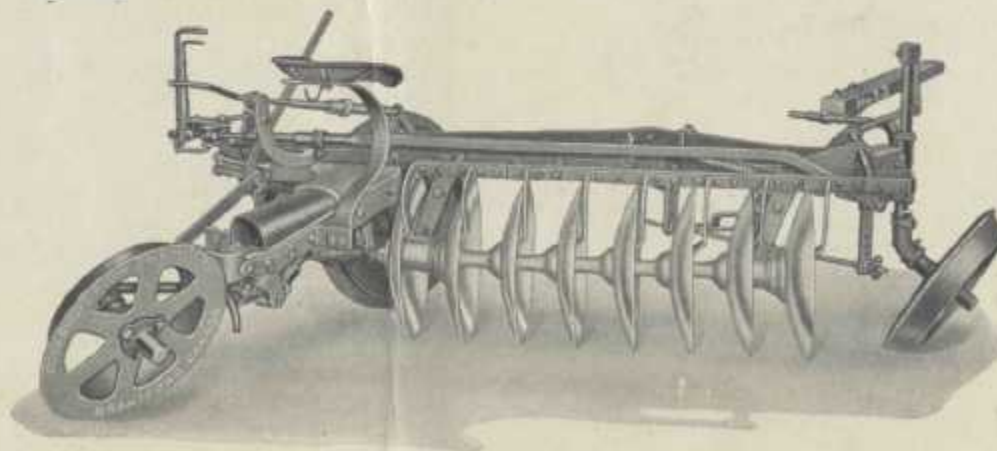
H. R. BARNETT, Wainwright, Alta.

## There's a Size for Every Need

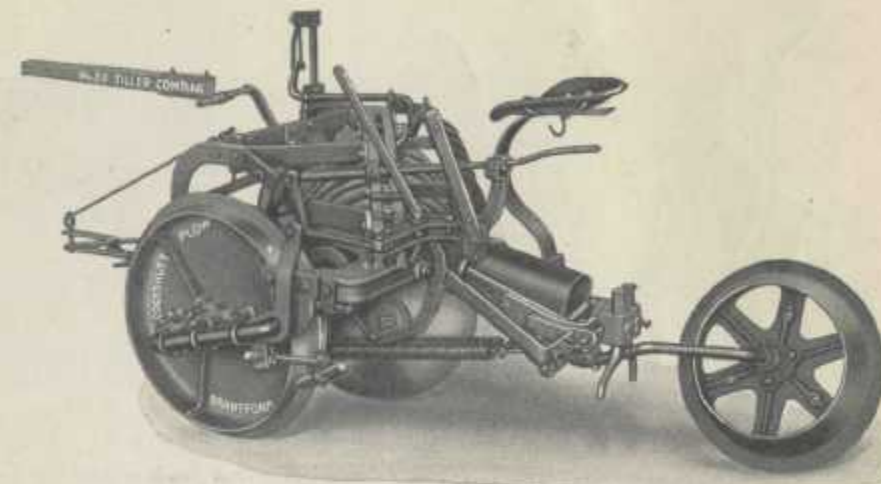
**T**HE No. 33 "Tiller Combine" is built in 3 ft. 3 in. (6-blade), 4 ft. 5 in. (8-blade) and 6 ft. (11-blade) sizes. Regular equipment is with Horse Hitch. Tractor Hitch, Seeding Attachment, Fertilizer Attachment, Sets of Scrapers, Extension Rims for Furrow, Land and Rear Wheels and Rear Wheel Weights can be supplied as extras when required.

## Cuts Costs at Seeding Time

"Tiller Combines" are sold with or without the Seeding and Fertilizer Attachments. This additional equipment is recommended, however, for the ability to combine your operations of seeding and fertilizing with the actual preparation of the seed-bed is one of the factors that have enabled "Tiller Combine" farmers to cut the cost of their tillage operations in many cases as much as 50%. In late seasons when time is an important factor, the "Tiller Combine" enables you to get your seed in promptly, once it is possible to get on the land, and the large acreage that can be covered daily makes for even germination and uniform ripening.



Rear View, No. 33, 4-ft. 5-in. "Tiller Combine", Horse Drawn, with Scraper Attachment



End View, No. 33, 4-ft. 5-in. Horse Drawn "Tiller Combine"

## Conserves Moisture in the Seed-Bed

In districts which suffer from insufficient rainfall, the conservation of moisture made possible by the "Tiller Combine" method of farming is a particularly valuable feature. Use of this implement for after-harvest discing leaves the stubble and trash partly protruding so that the snow is caught and held during the winter, instead of being blown into drifts. At seeding time, the placing of the seed in the ground when the soil is turned, prevents loss of moisture by evaporation between your plowing or discing and your seeding operations. This results in early germination and promotes rapid, healthy growth.

Here is further evidence of the success of the "Tiller Combine" method:

"Our THREE "Tiller Combines" have been a complete success both in a financial way and to stop drifting. I consider that every farmer ought to farm with the "Tiller Combine."

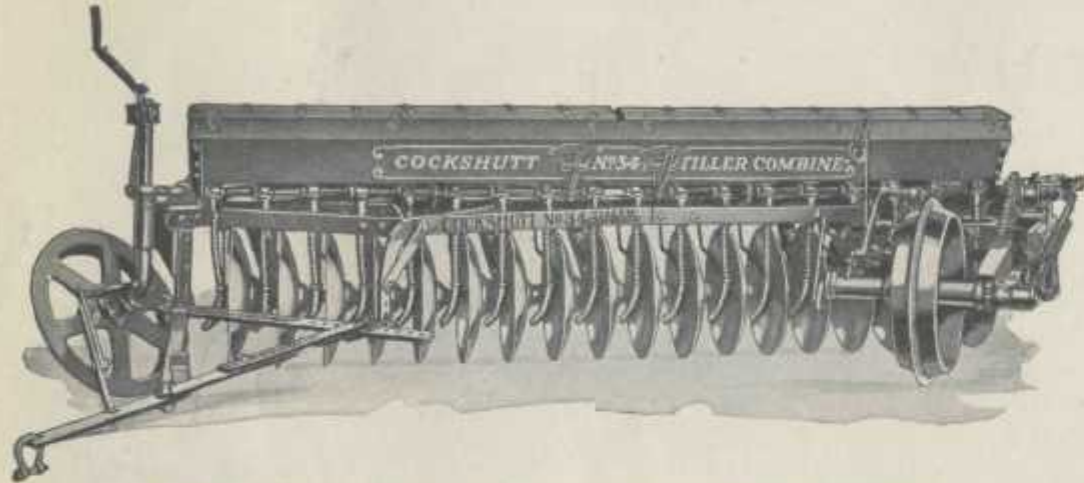
H. W. UNDERWOOD, Milestone, Sask.

"I think it is the coming machine as you can accomplish as much with it and one man as with five men and twenty horses the old way—possibly more."

E. WEBSTER, Sheho, Sask.



# On Larger Acreages the No. 34 "Tiller Combine" Will Save You Money



Front View, No. 34, 10-ft. "Tiller Combine" with Seeding Attachment

## Seed Is Placed on an Ideal Seed-Bed

Due to the proper concavity and cut of the discs, the seed-bed is left unridged and in an ideal condition, while all the soil is moved. The seed is placed on the firm, moist bottom in a wider band than if drilled in. Owing to the greater area over which it is distributed, more plant food and moisture are available to the individual seed, resulting in stronger root development and increased ability to smother weeds.

"I wish to say that I have found the "Tiller Combine" all that it is claimed to be and I will never willingly attempt to farm without one in the future. I am using four horses with my 3-ft 3-in. "Tiller Combine", and find I can about double the amount of work done. The discs show no wear and I feel that my machine will do 1000 acres before they need sharpening."

J. A. SANFORD, Lashburn, Sask.

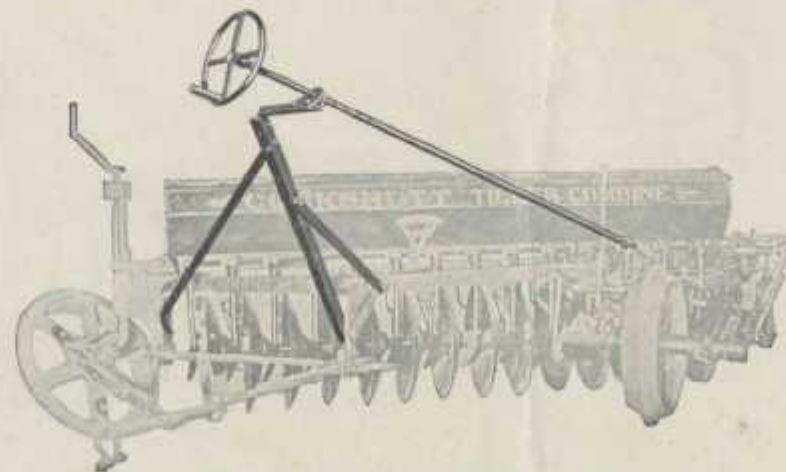
"The "Tiller Combine" is the best all round implement I ever saw, and I am pleased to recommend it."

L. BURLEY, Qu'Appelle, Sask.

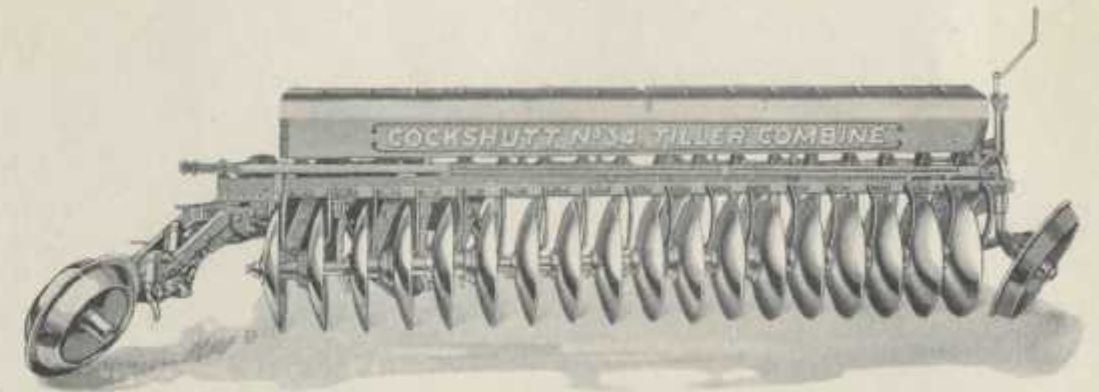
**T**HE No. 34 "Tiller Combine" is built in 6-ft. (11-blade); 8-ft. (14-blade) and 10-ft. (18-blade) sizes and is regularly equipped with Tractor Hitch. Additional equipment available as extras includes Horse Hitch, Sets of Disc Scrapers, Seeding Attachment, Combination Grain and Fertilizer Attachment, Grass Seeder Attachment, Extension Rims for Land, Furrow and Rear Wheels, and Rear Wheel Weights.

## Gives Efficient, Low-Cost Weed Control

An effective, low-cost means of controlling weeds is one of the greatest necessities of every farmer. The "Tiller Combine" meets this requirement with outstanding success. Used, without the Seeding Attachment, As a summer fallow or after-harvest implement, it will clean up badly infested fields and leave them in excellent shape for seeding. Due to the angle of cut, size and concavity of the discs, wild oats, thistles, quack grass and other weeds are cut clean and turned up to the surface where they are dried out and killed by the sun, wind or frost. The importance of this feature at seeding time is readily understood for it means that the grain gets a head start over the weeds and that a good, clean crop results.



Land Screw Extension Attachment for Tractor Drawn Models



Rear View, No. 34, 10-ft. "Tiller Combine" with Seeding Attachment

## Soil Blowing and Drifting Retarded

Another valuable feature of the "Tiller Combine" is its ability to reduce greatly the soil blowing and drifting which result in such losses in certain areas. The partly protruding stubble binds the soil together and breaks up the action of the wind, which is further lessened by the retention of maximum moisture in the seed-bed, owing to the fact that the seed has been put in without working over the land several times.

## Land Screw Extension Attachment

At the left is shown the attachment which can be supplied as an extra for No. 34 Tractor-drawn machines. It enables the operator to control adjustments of the land wheel for changing the depth of work from the tractor.

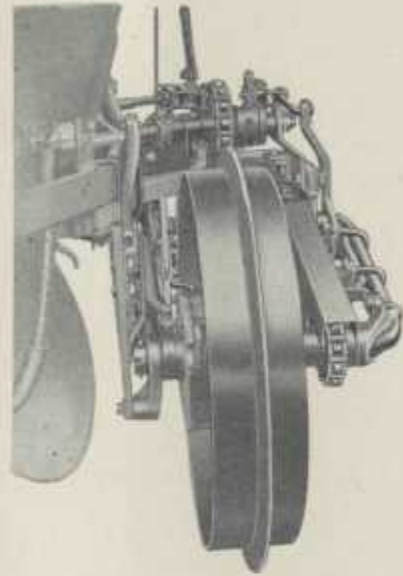
"I seeded 375 acres with the "Tiller Combine" this Spring. It gave me all satisfaction. The crop came up nicely. I summer-fallowed 310 acres and sure think it is the real thing for that purpose. It cost just 16 cents an acre to summer-fallow, which I consider very cheap for fuel".

ISAAC LOVELY, Hazenmore, Sask.



# Valuable Features Distinguish the "Tiller Combine" From All Imitations

## Do Not Accept a Substitute Machine



### Sturdy Power-Lift Raises or Lowers Discs Quickly

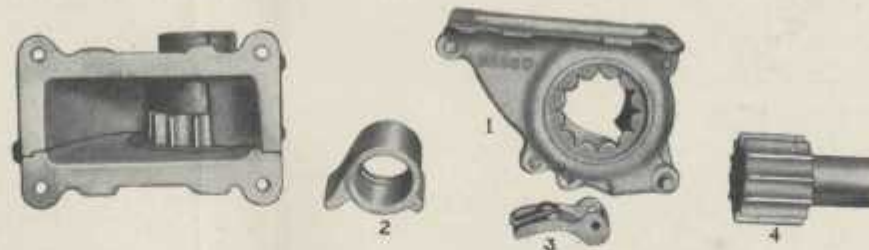
The illustration above shows the land wheel and clutch mechanism of the No. 33 "Tiller Combine" from which the sturdy, positive power-lift operates. A slight pull on the trip lever causes the clutch to engage the axle and is sufficient, with the help of powerful springs, to raise or lower the discs in half a turn of the wheel. This quick action is a decided advantage when finishing or starting a round or in clearing obstructions. A high, level lift is secured under all conditions and the parts of the lifting mechanism are simple, strong and durable.

### Easy Adjustment

Depth of cut is controlled by the land wheel adjusting screw. Levelling, on the No. 34, is controlled by the screw on the front furrow axle, on the No. 33 by a lever working on a double action, revolving ratchet and on both by a threaded connecting rod between the land and rear axles.

### Large Steel Box

The grain hopper is built of a special rust-resisting alloy steel, and is of large capacity, which makes frequent refilling unnecessary. A convenient indicator or indicators on the front of the box regulate the amount of grain to be sown and a land measure gives readings from 1/10 to 100 acres.



Illustrating the careful machining of Cockshutt Seed Buckets, etc. At the left is the complete seed bucket. No. 1 shows the right and left buckets; No. 2 the shut-off; No. 3 the clean-out and No. 4 the feed cylinder.

### Accurate Seeding a Feature

The accurate seeding of the "Tiller Combine" is due to the positive chain drive from the land axle and to the careful machining of the force feed mechanism which ensures that the feed runs work smoothly at all times. The drive from the axle, unlike a drive from the discs, gives uniform speed and distribution. The feed throw-out clutch works automatically with the power-lift.

### High-Grade Bearings

No feature of the "Tiller Combine" is of greater importance than the special, high-quality,

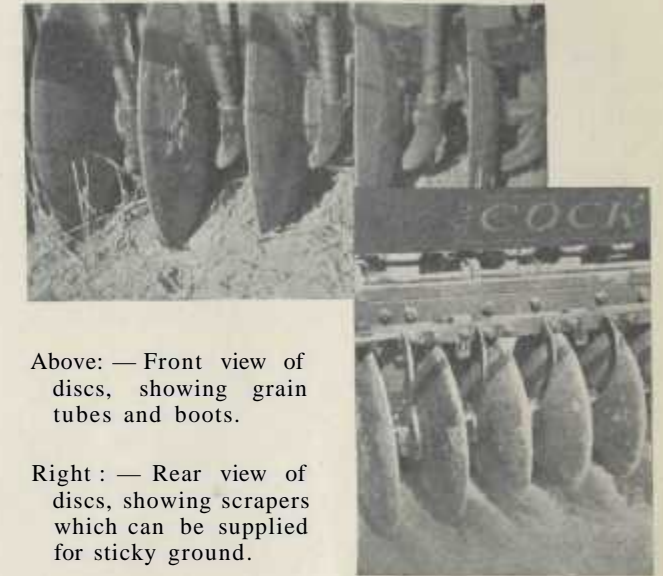
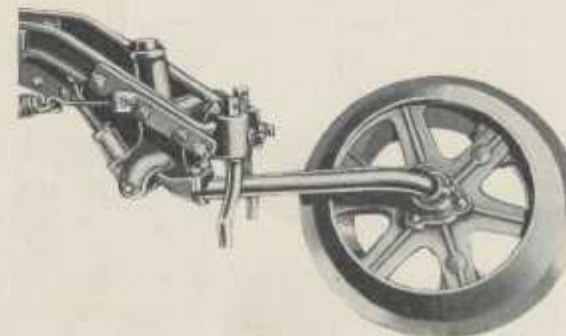


Left, complete bearing; No. 1, dust cap; No. 2, felt washer; No. 3, the bearing standard; No. 4, containing ring and balls; No. 5, felt washer; No. 6, bearing plate.

heavy-duty wheel and disc bearings. One of the latter is shown below. Upon these the life of the implement largely depends. Note the strength of the chilled grey iron standard, the length of the cone, and the felt washers which exclude dust and grit. Alemite lubrication reduces friction and wear and ensures smooth running discs.

### Rear Wheel Control

Below is shown the fork over the rear axle. This locks the axle in position when the discs are lowered at work. When they are raised for turning or transport ample play is given to



Above: — Front view of discs, showing grain tubes and boots.

Right: — Rear view of discs, showing scrapers which can be supplied for sticky ground.

enable the implement to be turned easily without dragging. The threaded connecting rod used in levelling is also shown.

### Seed Tubes and Boots

See above the seed tubes and boots through which the seed is broadcast on the firm, moist seed-bed after which it is covered by the following disc. Note also the concavity of the heat-treated discs and the clearance between them. The rear view of the blades shows the scrapers which can be supplied as extras and which can also be moved to the centre of the space between the discs merely to prevent the accumulation of trash.

### Additional Equipment

See the back of this folder under the heading "Specifications" for such additional equipment as is not dealt with elsewhere.



## "Tiller Combine" Farming Is Successful Farming

Low grain prices make a "net profit" on your farming operations impossible unless you keep your production costs down to a minimum.

Farmers all over the world have learned this lesson and have found the solution of their problem in the Cockshutt "Tiller Combine".

You can bring down your costs and widen your margin of profit by following their example of preparing the seed-bed and sowing the grain with one machine and in one operation.

### Advantages of the "Tiller Combine" Method

1. Controllable tillage costs have been cut as much as 50% by the ability of the "Tiller Combine" to plow, disc, cultivate, seed and fertilize in one operation.
2. Weed control is made easier and cheaper.
3. Soil drifting and blowing is overcome.
4. Additional moisture is retained in the seed-bed.
5. The seed is deposited in the moisture, resulting in early, even germination.

THERE'S ONLY ONE GENUINE  
"TILLER COMBINE"—THE  
COCKSHUTT.

DO NOT EXPERIMENT  
WITH SUBSTITUTES.



Three "Tiller Combines" on one Western Canada Farm



After-harvest discing with a No. 33 "Tiller Combine"



No. 33 "Tiller Combine" at work in India



Successful work with the "Tiller Combine" in South Africa



The Home of Cockshutt Farm Implements

### Specifications of Cockshutt "Tiller Combines"

No. 33 MODEL	Approx. Net Weight
Power-Lift, Horse Hitch, No Scrapers, Yoke or Eveners	
6-blade Tiller Combine (3' 3")	1,725 lbs.
8-blade Tiller Combine (4' 5")	1,850 lbs.
11-blade Tiller Combine (6' 0")	2,100 lbs.
Seeding Attachment for 6-blade	260 lbs.
Seeding Attachment for 8-blade	310 lbs.
Seeding Attachment for 11-blade	380 lbs.
Fertilizer Attachment for 6-blade	45 lbs.
Fertilizer Attachment for 8-blade	60 lbs.
Fertilizer Attachment for 11-blade	80 lbs.
Sets of Scrapers for all sizes	
Neck-yoke Attachment	
Extensions for Furrow, Land and Rear Wheels	
Rear Wheel Weights	
Tractor Hitch	60 lbs.

No. 34 MODEL	
Power-Lift, Tractor Hitch, Narrow Rear Wheel Extension Rim, No Scrapers.	
6-ft. Tiller Combine (11-blade)	2,440 lbs.
8-ft. Tiller Combine (14-blade)	2,815 lbs.
10-ft. Tiller Combine (18-blade)	3,220 lbs.
Seeding Attachment for 6-ft.	380 lbs.
Seeding Attachment for 8-ft.	455 lbs.
Seeding Attachment for 10-ft.	545 lbs.
Grain and Fertilizer Attachment for 6-ft.	660 lbs.
Grain and Fertilizer Attachment for 8-ft.	790 lbs.
Grain and Fertilizer Attachment for 10-ft.	1,010 lbs.
Grass Seeder Attachment for 6-ft.	66 lbs.
Grass Seeder Attachment for 8-ft.	78 lbs.
Grass Seeder Attachment for 10-ft.	98 lbs.
Sets of Scrapers for all sizes	
Extension Rims for Furrow, Land and Rear Wheels	
Rear Wheel Weights	230 lbs.
Horse Hitch Attachment	
Depth Regulator Attachment	

### Cockshutt Plow Co.

Limited

Head Office & Works, Brantford, Ont.

Branches at

Winnipeg Regina Saskatoon  
Calgary Edmonton

### The Frost & Wood Co.

Limited

(Affiliated with Cockshutt Plow Co., Limited)

Smiths Falls Montreal Truro

Sold by

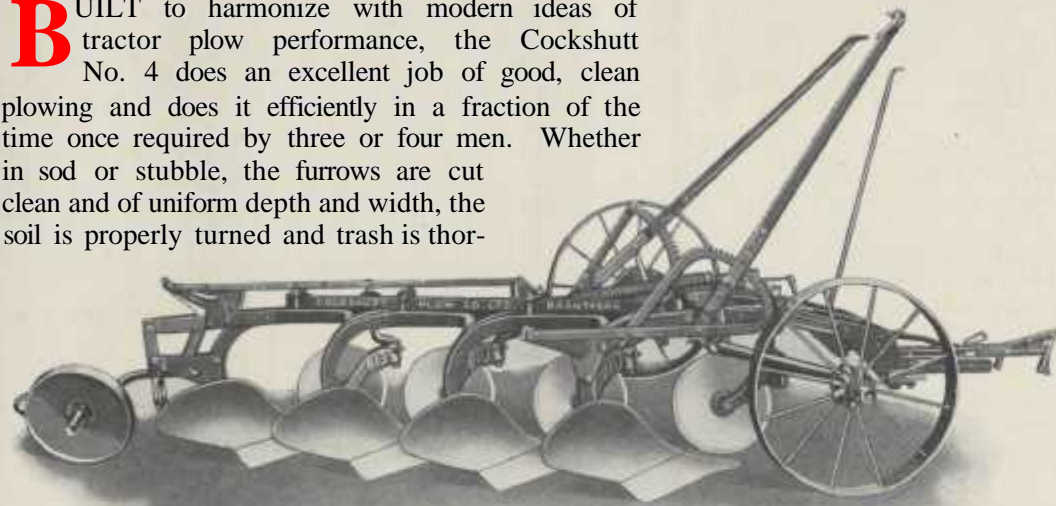
**Cockshutt**  
"TILLER  
COMBINE"  
Trade Mark Registered.

**COCKSHUTT PLOW CO.**  
LIMITED  
BRANTFORD • ONTARIO



# You'll Do a Better Job With the Cockshutt No. 4 Tractor Plow

**B**UILT to harmonize with modern ideas of tractor plow performance, the Cockshutt No. 4 does an excellent job of good, clean plowing and does it efficiently in a fraction of the time once required by three or four men. Whether in sod or stubble, the furrows are cut clean and of uniform depth and width, the soil is properly turned and trash is thor-



No. 4, 4-Furrow Plow with 14" Bottoms

oughly covered. These are features that make the purchase of the No. 4 a first class investment. It is built in two types, the 3-4, and 4-5, and in each case the larger size, built up from the smaller by the addition of a beam and bottom etc. can quickly and easily be reduced by their removal.



View of Yoke, Rear Wheel, etc.

## Rear Axle Yoke

A valuable feature is the yoke over the rear axle shown in the illustration at left. This allows the plow to be backed up easily without undue strain on the axle or axle pivot. When the plow is at work, as in the illustration, the axle is held rigidly in the narrow part of this yoke, but when it is raised for turning or transport, the wheel is allowed to castor sufficiently for easy turning.

## Rugged Construction

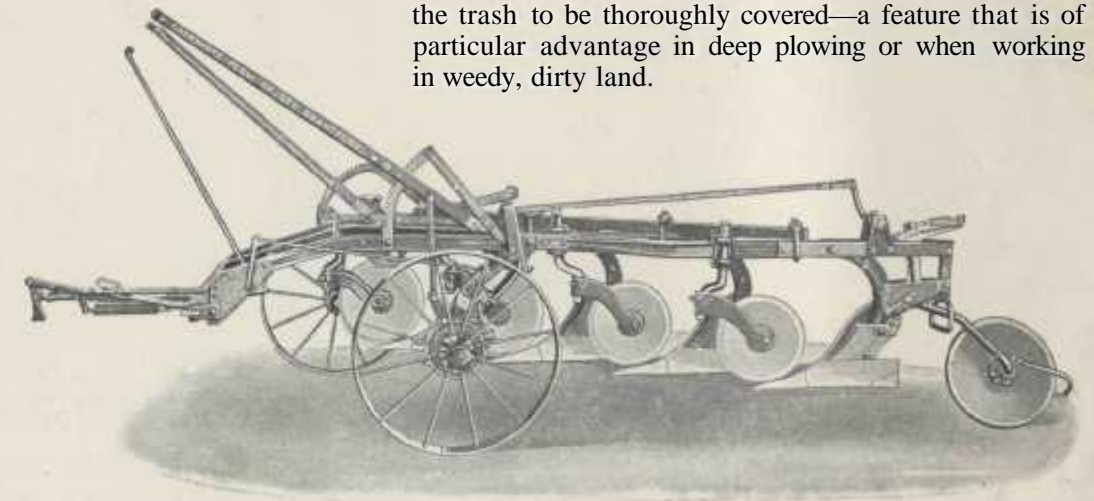
Built to withstand the strains of power plowing, the No. 4 is exceptionally strong though not excessively heavy. The substantial beams are heat treated by a special scientific process and further reinforced against springing or sagging by sturdy forged braces between them and a heavy backbone across the top. As a result the frame is held rigid and true and proper alignment of the bottoms is maintained.

## Excellent Clearance

Due to its simple, clean-cut design, this plow has unusual clearance between the bottoms and under the high arched beams, as shown in the illustration below. This prevents clogging and enables



the trash to be thoroughly covered—a feature that is of particular advantage in deep plowing or when working in weedy, dirty land.



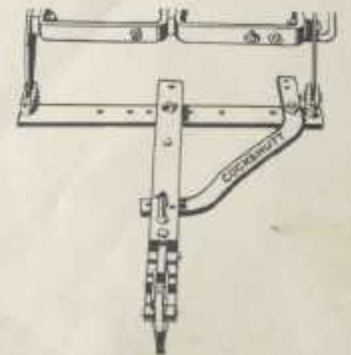
Landside View No. 4, 4-Furrow Tractor Plow

## High, Level Lift

The heavy-duty power lift works from the clutch on the land axle and is easily operated by a slight pull on the clutch trip lever. It is positive in its action and half a turn of the land wheel raises the bottoms to their full height or lowers them into the ground, points first. The lift is high and level so that there is no digging in when turning or in transport. The clutch mechanism is protected against dust and grit and is "Alemite" lubricated.

## Hitch Adjustable to Any Tractor

The design of the draw hook and the long clevis used on the simple, all-steel, spring release hitch make hitching to the tractor an easy matter. A wide range of adjustments up and down as well as sideways allows the correct line of draft to be obtained with any tractor. Horizontal adjustments are made by utilizing the various holes in the cross



Hitch of No. 4 Tractor Plow



## It Will Pay You to Investigate the Money-Saving, Profit-Making Features of this Plow

bar; vertical adjustments by changing the position of the cross bar on the clevis plates. The spring release, with an adjustable tension of from 2,000 to 6,000 pounds, protects both plow and tractor against damage when a solid obstruction is met. The hitch is stiff and allows the plow to be backed when necessary.

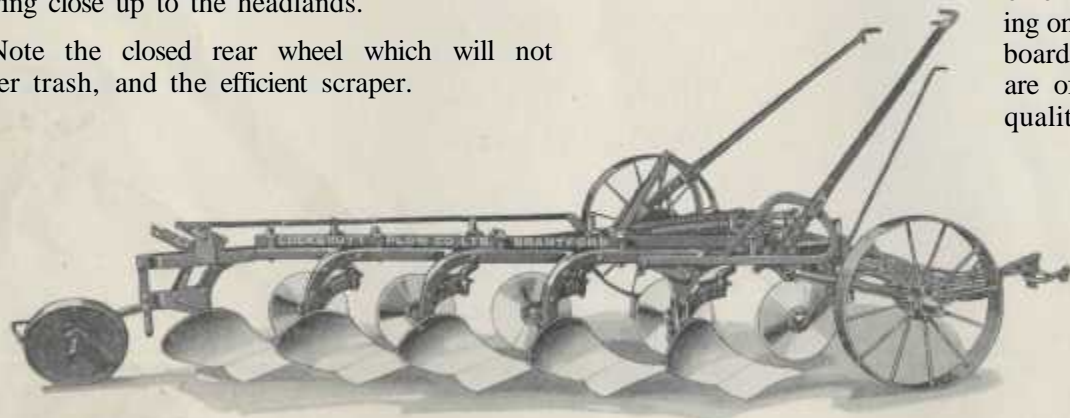
### Convenient Operation

Both the land and furrow levers are long and powerful. They operate on closely notched steel ratchets which allow fine adjustments to be made for varying soil conditions, and together with the clutch trip lever, they are within convenient reach of the operator on the seat of the tractor.

### Speedy Penetration

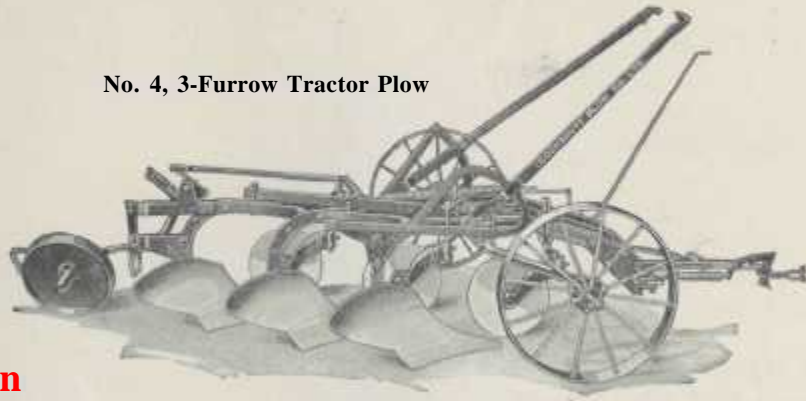
When the clutch is tripped, the bottoms are quickly forced into the ground to the proper plowing depth, points first. The speed of penetration makes it possible to do a good clean job by plowing close up to the headlands.

Note the closed rear wheel which will not gather trash, and the efficient scraper.



No. 4, 5-Furrow Tractor Plow

No. 4, 3-Furrow Tractor Plow



### Rolling Colters

The rolling colter blades, of high grade steel, revolve on special, long-life adjustable chilled cone bearings which are protected against dust and grit by felt washers and are lubricated by the "Alemite" high pressure system.

### Quality Bottoms

The No. 4 can be supplied with 12", 14" or 16" Bottoms, regularly equipped with Quick-Detachable Shares, which are very easily slipped

on or off by loosening one nut. Moldboards and Shares are of the highest quality.



The Home of Cockshutt Farm Implements

## A FULL LINE

"Tiller Combines"  
Horse and Tractor Plows  
Grain and Fertilizer Drills  
Planters  
Disc and Drag Harrows  
Field and Garden Cultivators

Manure Spreaders  
Binders  
Rakes  
Tractors  
Mowers  
Hayloaders  
Combines  
Threshers  
Cream Separators  
Chore Machinery  
Wagons  
Etc.

### Specifications of No. 4 Tractor Plow

Sizes: 3- and 4-Furrow (3-4 type), 12", 14", 16".  
4- and 5-Furrow (4-5 type), 12", 14", 16".  
4-Furrow (3-4) reducible to 3-Furrow size.  
5-Furrow (4-5) reducible to 4-Furrow size.  
Regularly equipped with 16" Rolling Colters.

Approximate Net Weights	Lbs.
3-Furrow, 12-inch	1,335
3-Furrow, 14-inch	1,375
3-Furrow, 16-inch	1,400
4-Furrow, 12 inch (3-4 type)	1,585
4-Furrow, 14-inch	1,640
4-Furrow, 16-inch	1,715
4-Furrow, 12-inch (4-5 type)	1,680
4-Furrow, 14-inch	1,750
4-Furrow, 16-inch	1,800
5-Furrow, 12-inch	1,930
5-Furrow, 14-inch	2,000
5-Furrow, 16-inch	2,040

## Cockshutt Plow Co.

Limited

Head Office & Works, Brantford, Ont.

Winnipeg Regina Saskatoon

Calgary Edmonton

Sold by

# Cockshutt

## NO. 4

# TRACTOR

# PLOW



**COCKSHUTT PLOW CO.**  
LIMITED  
BRANTFORD • ONTARIO



# Cockshutt No. 8 — The Outstanding Light Tractor Plow

**S**TANDING in a class by itself in the light tractor plow field, the Cockshutt, No. 8 has simplicity of design, strength of construction, light draft, easy penetration, uniform plowing depth, ample clearance, easy operation and adaptability to various classes of work—every desirable feature, in short, that a tractor plow should have. It is built of the finest steel, and is backed by the Cockshutt reputation for quality and service.

## Adjustable and Convertible

This plow is built in two types, Nos. 8A and 8B. The 8A is adjustable for width of cut from 10" to 12", the 8B from 12" to 14". On the 3-furrow plow these changes are made by bolting the adjustable beams to the inside or outside of the first and third beams as required. On a 2-furrow plow the change is made on the first beam only. The plow is readily converted from 2-furrow to 3-furrow size or vice versa by the addition or removal of the third beam, bottom, etc.

## Great Strength — Light Weight

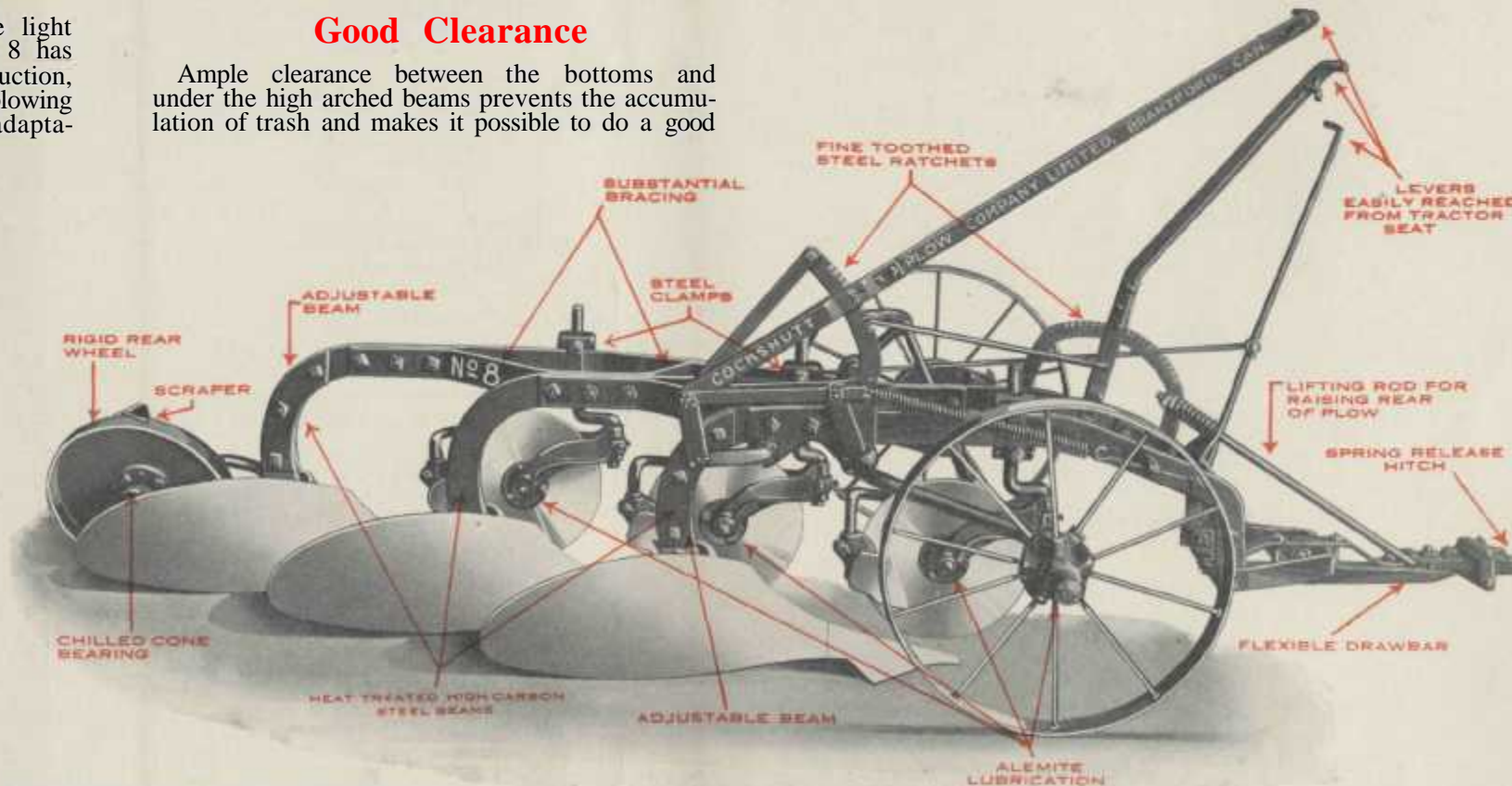
The use of high carbon steel in place of heavy castings gives this plow the excellent combination of ample strength and light weight. The beams are heat-treated and are protected against twisting or sagging by substantial braces. The whole construction is firm and rigid, but simple and clean cut in design.

## Easy Operation

Easy and convenient operation of the levers from the seat of the tractor is a valuable feature. The levers work on closely notched steel ratchets and provide for very fine adjustments.

## Good Clearance

Ample clearance between the bottoms and under the high arched beams prevents the accumulation of trash and makes it possible to do a good



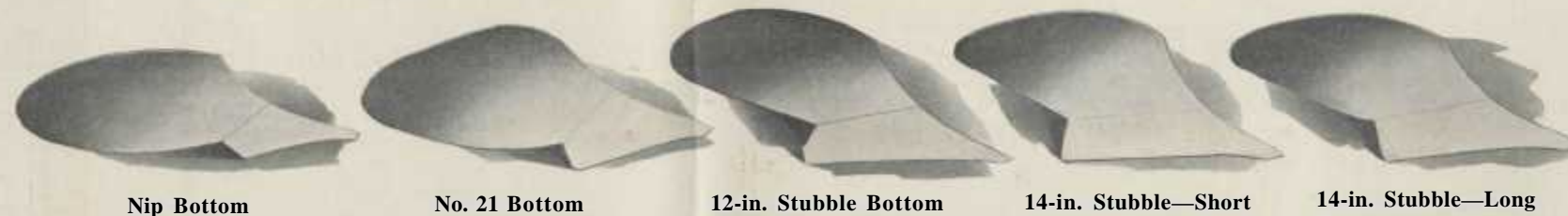
No. 8A Plow equipped with Judy Bottoms

job in trashy land and in turning under weeds and fertilizer crops.

## Rear Wheel Features

The rigid rear wheel, which is closed to avoid gathering trash, lightens the draft by relieving

landside and bottom friction. It is fitted with adjustable, chilled cone bearings, and an efficient scraper prevents any accumulation of soil from changing the plowing depth. Since the wheel is raised along with the bottoms, the plow can be backed up like a Sulky Plow when necessary.



## "Alemite" Lubrication

All wheel and colter bearings are provided with convenient fittings for "Alemite" high pressure lubrication. This means that a liberal supply of grease reaches all working parts, reducing friction and wear to a minimum and saving tractor power because of the lighter draft so obtained.

## Rolling Colters

Cockshutt wear-resisting rolling colters do a great deal to raise the quality of the plowing. The blades, of high-grade steel with a long-life cutting edge, revolve on special chilled cone bearings which are protected against dust and grit by felt washers. The high carbon steel shanks are securely held to the beams by new steel clamps. Joints, which aid materially in covering trash and weeds, can be quickly bolted to the colter crotch.

## Easy Penetration

When the bottoms are lowered for plowing they enter the ground point first, and quick, easy penetration results even under difficult soil conditions. This makes it possible to do a good, clean job by plowing right up to the headlands.

## Shares and Moldboards

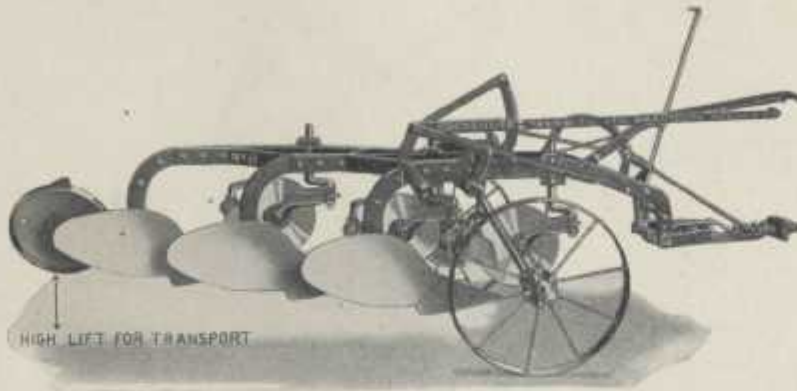
Particular care is taken to give Cockshutt moldboards and shares exactly the right shape for good work. They are thoroughly tempered, take a fine land polish and ensure the lightest possible draft. A number of the more commonly used bottoms are shown herewith.



# Superior in Design and Performance

## Positive Power Lift

The power lift for raising and lowering the plow is operated by a trip lever from the tractor seat. It is simple, powerful and positive. A pull on the lever causes the clutch on the land axle to engage the wheel which, in half a turn, forces the bottoms in or out of the ground as desired. As shown, they are raised to a good height which prevents the gathering of trash when turning or transporting the plow.



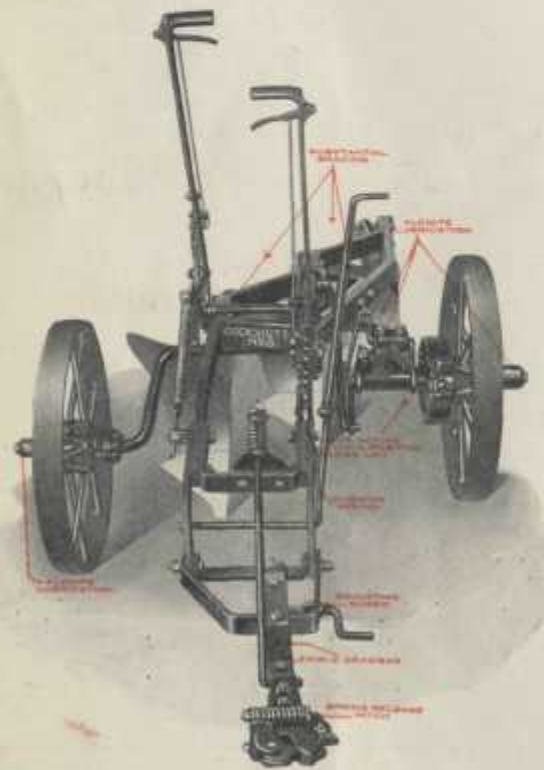
No. 8 Plow with 12" Bottoms. In Transport Position

## Flexible Drawbar and Hitch

At the left is a splendid view of the flexible drawbar and spring release hitch. The heavy spring on the lifting rod which runs from the drawbar to a bracket on the brace between the first and second beams acts as a cushion when the plow is in transport and prevents the rear rising and falling heavily when the wheels meet an obstruction. **In plowing, the drawbar is flexible and allows the bottoms to work at an even depth regardless of the uneven condition of the ground.** An adjusting screw permits fine adjustment of the drawbar to right or left to obtain the proper line of draft. The spring release hitch at the front of the drawbar prevents damage when a solid obstruction is hit.

## Other Features

Extra equipment for this plow includes a straightener attachment and a special hitch for use with Fordson tractors.



Front View No. 8 Tractor Plow-



The Home of Cockshutt Farm Implements

## A FULL LINE

"Tiller Combines"  
Horse and Tractor Plows  
Grain and Fertilizer Drills  
Planters  
Disc and Drag Harrows  
Field and Garden Cultivators  
Manure Spreaders  
Binders  
Mowers  
Rakes  
Hayloaders  
Tractors  
Threshers  
Combines  
Cream Separators  
Chore Machinery  
Wagons, Etc.

### SPECIFICATIONS OF No. 8 TRACTOR PLOW

Built in Two Types:—

No. 8A adjustable for width of cut from 10" to 12"

No. 8B adjustable for width of cut from 12" to 14"

Convertible:—from 3- to 2-furrow size and vice versa.

Equipped with Rolling Cutters and Spring Release Hitch.

No. 8A Bottoms:—Judy, Nip or No. 21 Styles.

No. 8B Bottoms:—12" with Q. D. Shares.

14" Short Board Stubble type with Q. D. Shares.

14" Long Board Stubble type with Q. D. Shares.

### Approximate Net Weights

No. 8A—2-Furrow.....	760 lbs.
No. 8A—3-Furrow.....	950 lbs.
No. 8B—2-Furrow.....	760 lbs.
No. 8B—3-Furrow.....	975 lbs.

## Cockshutt Plow Co.

Limited

Head Office and Works:  
Brantford, Ontario

Winnipeg Regina Saskatoon  
Calgary Edmonton

Harvester Division:

The Frost & Wood Co., Limited  
Smiths Falls Montreal Truro

Sold by

# COCKSHUTT

No. 8 No. 8B  
A 8

# TRACTOR PLOW



Reduce

# PLOWING HOURS

COCKSHUTT PLOW CO.  
LIMITED  
BRANTFORD - ONTARIO  
WESTERN BRANCHES:  
WINNIPEG - REGINA - SASKATOON  
CALGARY - EDMONTON



# Cockshutt Walking Plows for Better and Easier Plowing



## Punch Plow

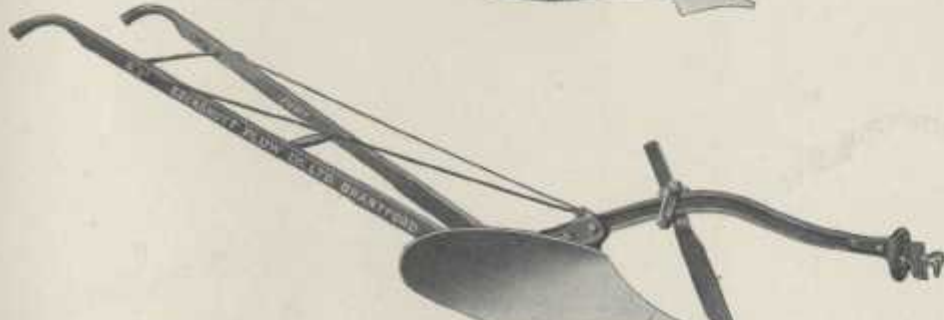
Highly recommended as a sod plow.  
Capacity—7" to 10" wide, 5" to 8" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—144 lbs.

### SHARES

- PM—Medium Share, 7"
- PSN—Slip Nose Share
- PWH—Wide Share
- PHC—High Cut Share
- PC—Cutter Share
- Punch—Flat Share
- P3074—Solid Steel Share



## Judy Plow

Capacity—7" to 10" wide, 5" to 8" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—143 lbs.

### SHARES

- 4 Plain 6"—6" Plain Share
- J5—7"—7" Flat Share (Quebec)
- Judy XD—7" Share with extra dip
- Judy H7"—7" Share, heavy
- Judy 8"—8" Share
- Judy 10"—Wide Share
- Judy C—Cutter Share
- Judy 7"—7" Solid Steel Share



## No. 18 Plow

Particularly well adapted to working heavy clay land.

Capacity—6" to 10" wide, 5" to 7" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—155 lbs. (Cast Share).

### SHARES

- P1598—Cast Share
- P158S—Solid Steel Share



## Nip Plow

Capacity—10" to 12" wide, 3" to 8" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—136 lbs.

### SHARES

- Nip 9"—9" Cast Share
- Nip 9" LNG—9" Long Nose Share
- Nip C 9"—Cutter Share
- Nip W 11"—Wide Share
- Nip 9"—9" Solid Steel Share

## No. 15 F. & W. Plow

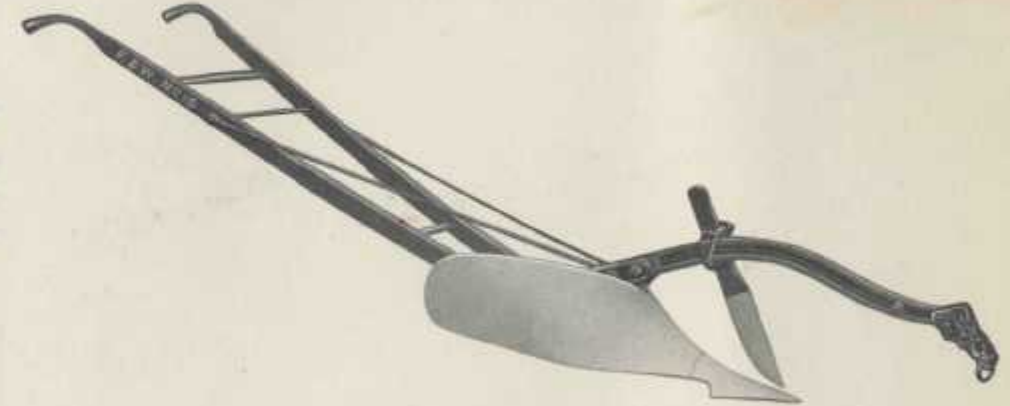
A sod plow.  
Capacity—8" to 10" wide, 3" to 6" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—130 lbs.

### SHARES

- FP 121—Share
- FP 120—Wide Share
- FP 122—Cutter Share
- FP 761—F. Narrow Share
- FP 762—F. Wide Share
- FP 763—Narrow Heavy Share
- FP 764—Wide Heavy Share
- FP 156—Solid Steel Share



## No. 16 F. & W. Plow

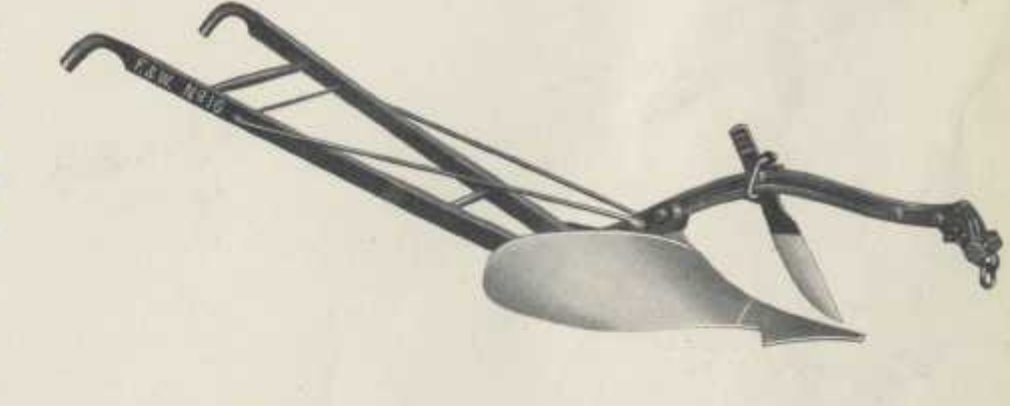
A sod plow.  
Capacity—8" to 10" wide, 5" to 7" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—120 lbs.

### SHARES

- FP 124—Plain Share
- FP 123—Wide Share
- FP 125—Cutter Share
- FP 765—F. Narrow Share
- FP 766—Narrow Heavy Share
- FP 767—Wide Heavy Share
- FP 157—Solid Steel Share



## No. 6 F. & W. Plow

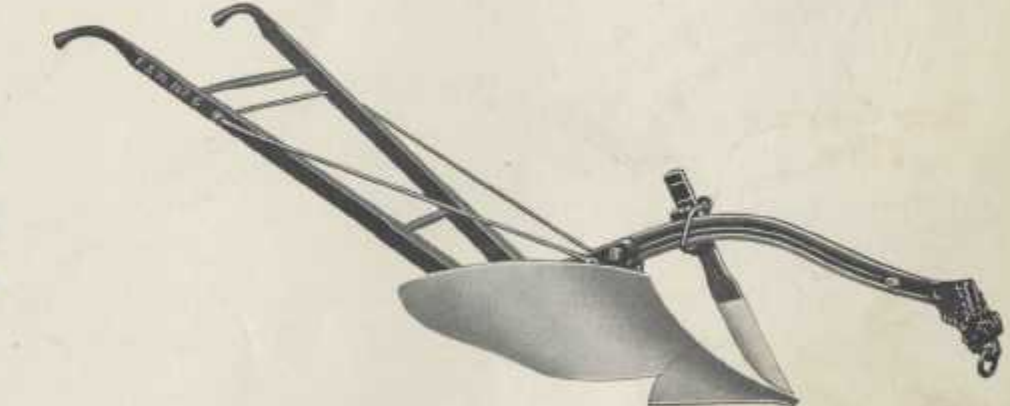
A general purpose plow.  
Capacity—9" to 11" wide, 3" to 6" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—140 lbs.

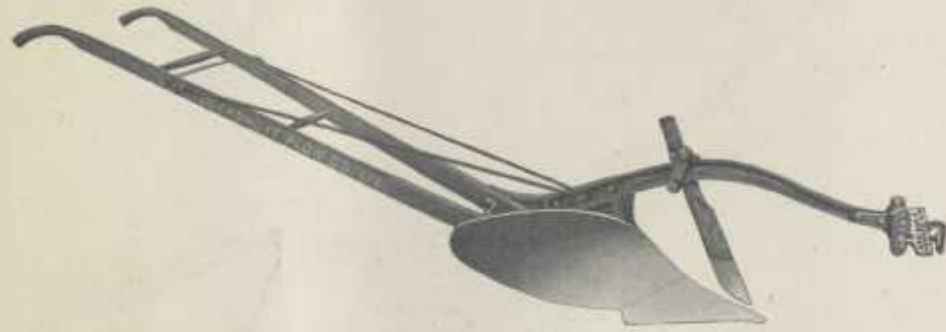
### SHARES

- FP 108—Share
- FP 107—Wide Share
- FP 109—Narrow Share
- FP 110—Cutter Share
- FP 755—F. Medium Share
- FP 154—Solid Steel Share





# There are Sizes and Types to Suit Every Requirement



## No. 21 Plow

A very popular single furrow plow. Is easily handled and combines strength and wearing qualities.

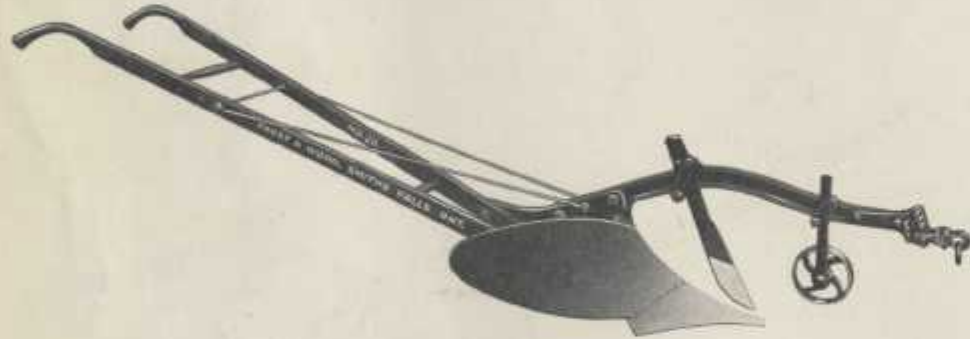
Capacity—10" to 12" wide, 4" to 8" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—134 lbs.

### SHARES

21H—Share  
21C—Cutter Share  
21W—Extra Wide Share  
21HA—Alfalfa Share  
21CA—Alfalfa Cutter Share  
P 4653—Alfalfa Share  
No. 21—Solid Steel Share  
P 4652—Solid Steel Alfalfa Share



## No. 20 F. & W. Plow

A stubble plow.

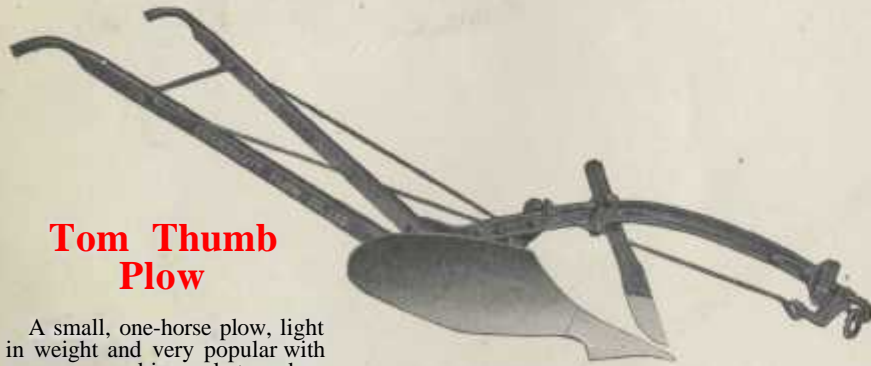
Capacity—9" to 12" wide, 5" to 7" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—142 lbs.

### SHARES

FP 131—Share  
FP 130—Wide Share  
FP 132—Cutter Share  
FP 159—Solid Steel Share



## Tom Thumb Plow

A small, one-horse plow, light in weight and very popular with many engaged in market gardening.

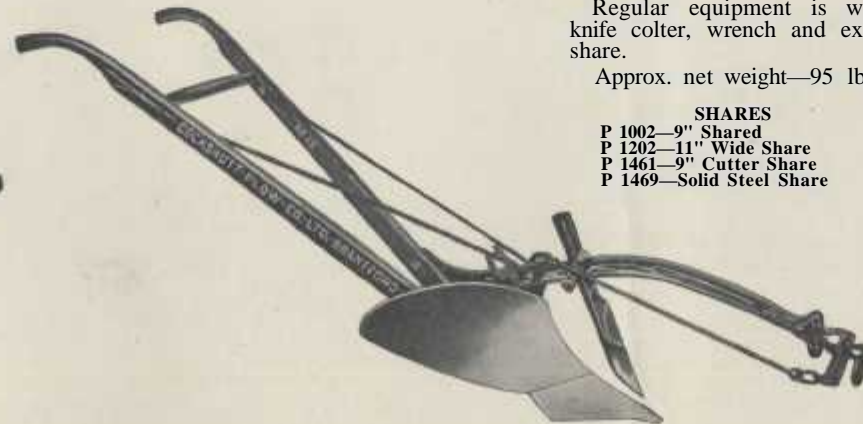
Capacity—6" to 8" wide, 4" to 6" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—85 lbs.

### SHARES

TT6"—6" Share  
TT7"—7" Share  
TT8"—8" Share  
TT9"—9" Share  
TTC—8" Cutter Share  
P 3108—Solid Steel Share



## No. 17 Plow

Particularly designed for high class jointer work with 9" furrows, but also an excellent general purpose plow.

Capacity—up to 10" wide, up to 7" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—145 lbs. With adjustable jointer, 155 lbs.

### SHARES

P 7180—Narrow Share—8"  
P 7181—Wide Share—9½"  
P 7182—Cutter Share



## Ontario Plow

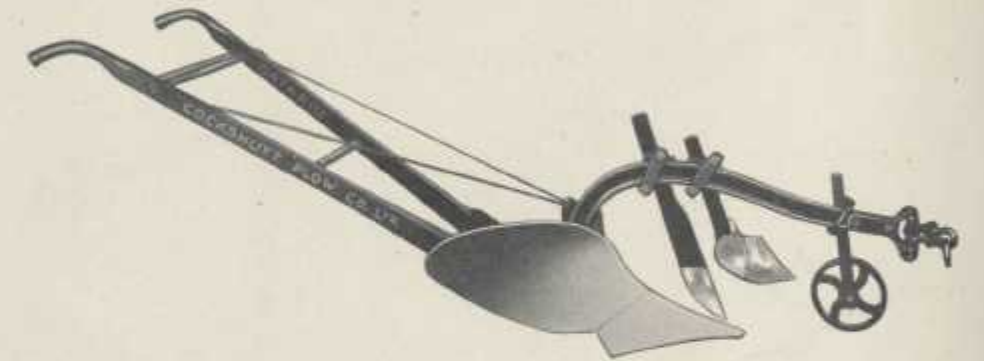
A general purpose plow.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—135 lbs.

### SHARES

P 2972—Plain Share  
P 2973—Cutter Share  
Ontario—Solid Steel Share



## No. 15 Plow

A light-draft, one-horse plow.

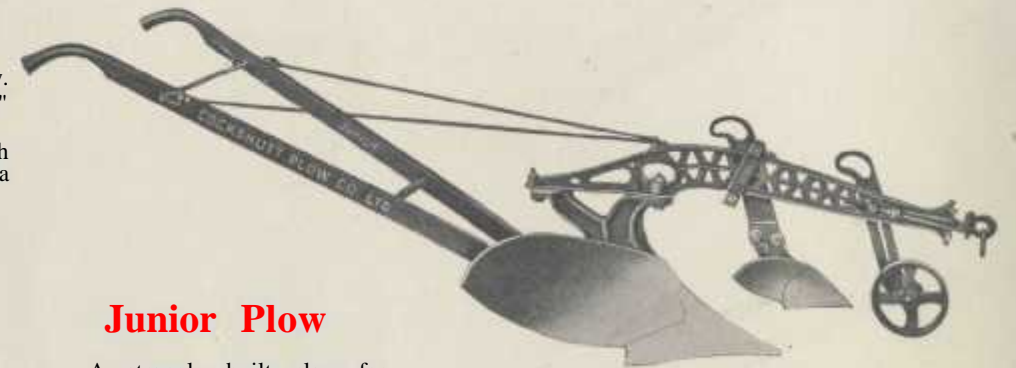
Capacity—7" to 9" wide, 4" to 7" deep.

Regular equipment is with knife colter, wrench and extra share.

Approx. net weight—95 lbs.

### SHARES

P 1002—9" Shared  
P 1202—11" Wide Share  
P 1461—9" Cutter Share  
P 1469—Solid Steel Share



## Junior Plow

A strongly built plow for extra hard soils or road work. When more than two horses are used, beam can be adjusted for correct line of draft.

Regular equipment is with steel board, jointer and gauge wheel.

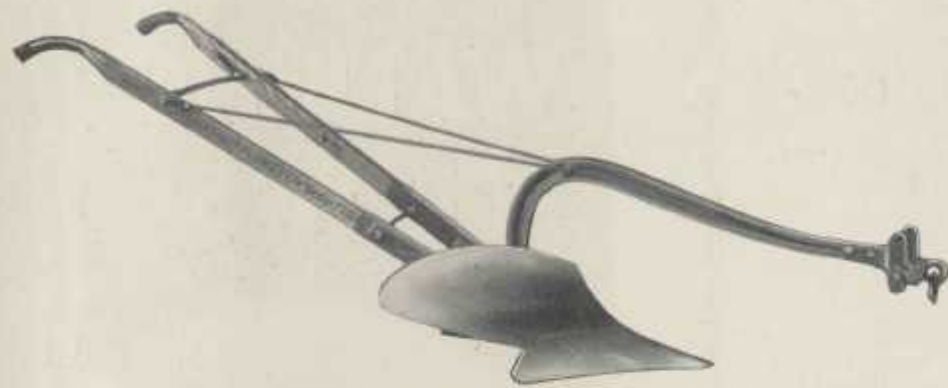
Approx. net weight—165 lbs.

### SHARES

Junior—Plain Share  
Junior—Wide Share  
Junior C—Cutter Share



# For First Class Work Use Only Genuine Cockshutt Shares



**"Y" Series Plows**

Cockshutt "Y" Plows are built in 8", 10", 12", 14", 16" and 18" sizes. Cast, solid steel or soft centre steel shares are available. A wide variety of extra equipment can be supplied, including fin cutters, knife or rolling colters and single or double gauge wheels. Specify what is required. The Y12 Plow shown here is admirably adapted to general purpose work.



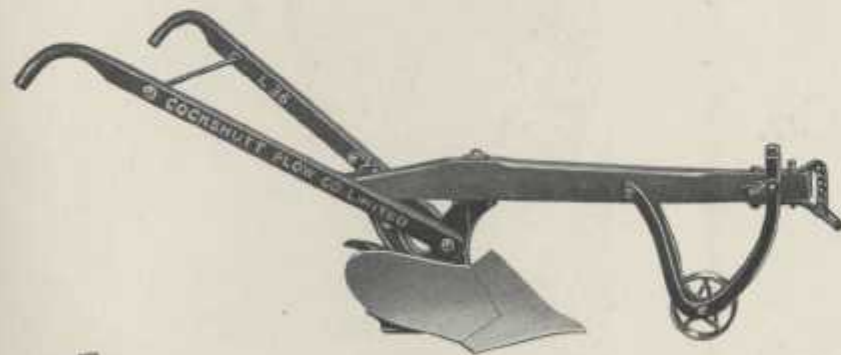
**F. & W. One-Horse Side Hill Plow**

A well-built, wood beam plow regularly equipped with knife colter, single gauge wheel, clevis lever and wrench.  
Approx. net weight—115 lbs.



**F. & W. Two-Horse Side Hill Plow**

A somewhat heavier plow than the one-horse model.  
Regular equipment is with knife colter, single gauge wheel, clevis lever and wrench.  
Approx. net weight—150 lbs.



**L 36 Hillside Plow**

A light weight, one-horse hillside plow. The beam and handles are of wood, but they are substantial and accurately fitted.

Regular equipment is with gauge wheel, cast moldboard and share, one extra share.

Approx. net weight—94 lbs.

**Extra Equipment:**—Single or double gauge wheels, jointer and rolling colter as shown can be supplied as extras for any of the foregoing plows on which they are not regular equipment except the Side Hill and Hillside Models.

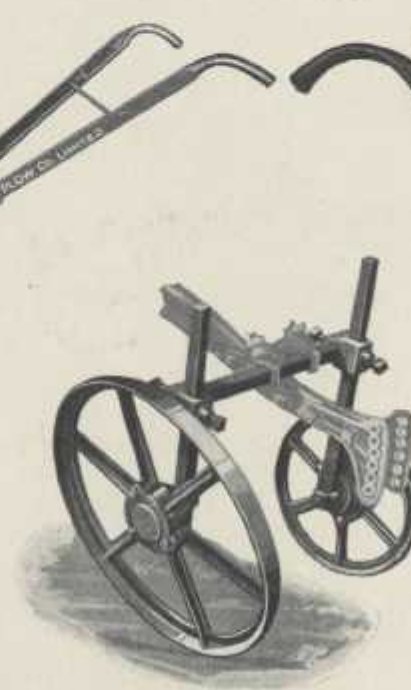


**L 46 Hillside Plow**

A well-designed, sturdily-built plow recently added to the line. The generous use of steel and iron gives maximum strength with light weight. The channel steel handles are securely braced and the two-piece, truss style, steel beam is well arched to give plenty of clearance.

Regular equipment is with gauge wheel, cast moldboard and share, one extra share.

Approx. net weight—90 lbs.



**Double Gauge Wheels**



**LI26A Hillside Plow**

A very popular hillside model which is often used also on level ground. Has an automatic locking device for the moldboard.

Regular equipment is with knife colter, gauge wheel, clevis lever, cast moldboard and share, one extra share.

Approx. net weight—157 lbs.



**Rolling Colter**



**Single Gauge Wheel**



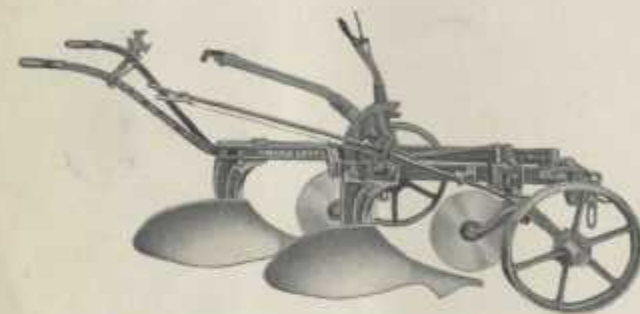
# Leaders in Design and Performance

When you buy a walking plow, specify a "Cockshutt". You can then be sure that you are getting maximum value for your money. No matter what the condition of your land you'll find a model in the Cockshutt line just suited to your requirements. Cockshutt plows have been favourites for over half a century with farmers who realize the

value of good clean plowing. They are the result of a thorough knowledge of actual field conditions. They have long set the standard for service and durability and the same inbuilt quality in material, design and workmanship which first gained them their popularity is found in them today, plus the improvements dictated by our long experience.

## Maple Leaf Gang Plow

This plow is particularly suited to lighter soils but is capable of handling heavier land where necessary. The levers operate on fine tooth ratchets allowing fine adjustment in depth and width of cut and the frame is adjustable for different widths of work. Can be equipped with either wide or narrow bottoms, rolling or knife colters or combined rolling colter and jointer, and with or without straightener. Approx. net weight with straightener—340 lbs.



Maple Leaf Gang with Narrow Bottoms

## Kangaroo Gang Plow

An excellent plow for sod or general purpose plowing. When shipped with "Kid" or narrow bottoms, the steel frame is set for 9" work, but it is adjustable up to 11 inches. If "Kangaroo" wide bottoms are ordered the frame is set out accordingly. The change can be quickly and easily made. Can be equipped with rolling colters, knife colters, or combined rolling colter and jointer and with, or without straightener. 3-Horse irons regularly supplied.

Approx. net weight—420 lbs.



Kangaroo Gang with Narrow Bottoms

## Vineyard or Orchard Gang Plow

With this plow you can work right up to the roots of trees or vines without danger of barking them with the wheel hubs or whiffletree ends. The land wheel can be moved to run directly in line with the rear landside so nothing projects past the line of the landside. A wide clevis allows the horses to be hitched well over to the right. Equipped with wide or narrow bottoms, knife or rolling colters or combined rolling colter and jointer.

Approx. net weight—240 lbs.



Orchard Gang with Narrow Bottoms



The Home of Cockshutt Farm Implements

## A FULL LINE

Single Furrow Walking and Riding Plows  
Walking and Riding Gang Plows  
Moldboard Tractor Plows  
Horse and Tractor Disc Plows  
Brush Breakers  
"Tiller Combines"  
Grain and Fertilizer Drills  
Broadcast Seeders  
Corn and Cotton Planters  
Disc and Drag Harrows  
Field and Garden Cultivators  
Scufflers, Weeders, Horse Hoes  
Pulverizers, Rollers  
Irrigation Ditchers  
Manure Spreaders  
Lime and Fertilizer Distributors  
Grain and Corn Binders  
Mowers, Rakes, Hayloaders  
Harvester Combines  
Pulpers, Straw Cutters  
Grain Grinders, Hammer Mills  
Specialized Equipment for  
Tobacco, Sugar Cane, Etc.

## Cockshutt Plow Co.

Limited

Head Office and Factory: BRANTFORD, CANADA  
Winnipeg, Regina, Saskatoon, Calgary  
Edmonton

Harvester Division:

## The Frost & Wood Co.

Limited

Smiths Falls, Ont.

Frost & Wood Quebec Limited  
Montreal, Que.

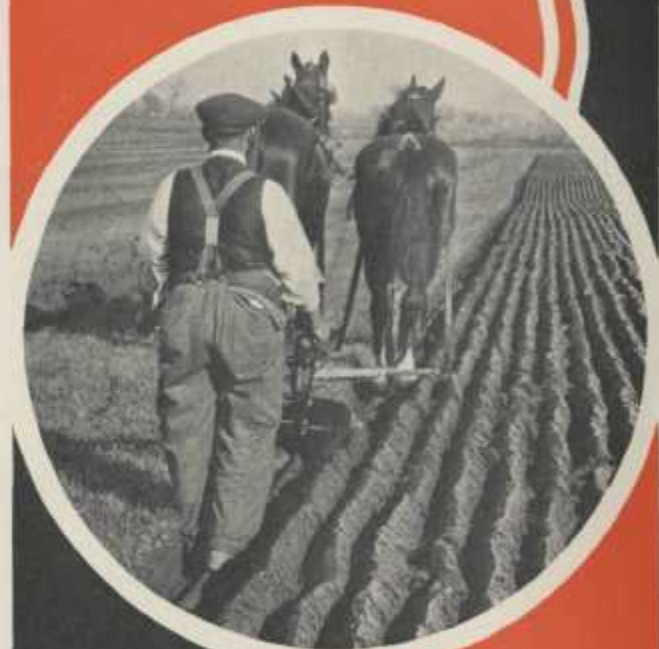
Frost & Wood Maritime Limited

Truro, N. S.

Sold by:

# Cockshutt

## WALKING · PLOWS ·



**COCKSHUTT PLOW CO.**  
LIMITED  
BRANTFORD • ONTARIO



# For Better Hillside Work Choose a Cockshutt Hillside Plow

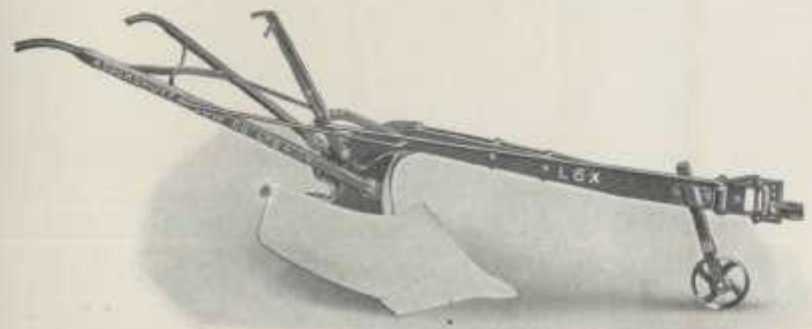


## L 6 Hillside Plow

Here is the heaviest type of Cockshutt Hillside Plow—an implement with the design, strength and equipment needed for difficult conditions. Note the clearance under the extra high, two piece, truss style steel beam. Moldboard and share are high grade chilled iron. The handles are of steel and are solidly braced. The single gauge wheel is regular equipment, but the clevis lever shown in the illustration is an extra. Rolling Colter or Jointer, with or without control lever in each case, can also be furnished as extras.

## L6X Plow

This is very similar to the L 6 Plow, but no provision is made for Rolling Colter or Jointer. Beam and handles are of steel; moldboard and share of chilled iron. The single wheel and clevis lever are regular equipment.



**T**HESE Cockshutt Hillside Plows differ considerably in size and design, but have a common feature in the high grade of materials and the fine workmanship which go into their construction. They are the result of a wide experience in meeting the needs of various conditions and localities and will do an excellent job either on hillsides or level land. They work equally well plowing either right or left hand and provided you choose the type best suited to your particular requirements you'll be able to obtain the result you desire.

The shape of the moldboards and shares ensures that they penetrate the ground easily, turn the furrow slice properly, covering grass and weeds, and scour freely. The bottoms swing easily from one side to the other after the locking device has been disengaged by a convenient foot pedal and are then relocked into plowing position in the same way. The beams, whether of steel or wood, are strong enough to prevent springing and there is ample clearance beneath them for the passage of all trash so that even in dirty land there is no clogging. The handles are firmly bolted to the standard and securely braced against strains.

## L36 Plow

This model is much lighter than the L 6 type and requires only one horse to pull it. The beam and handles are of wood, but they are substantial and accurately fitted. The gauge wheel, which is regular equipment, and the clevis are both adjustable and can be regulated to suit the exact conditions under which the plow is used. A simple, easily-operated latch makes it an easy matter to throw over the bottom at the end of each furrow.

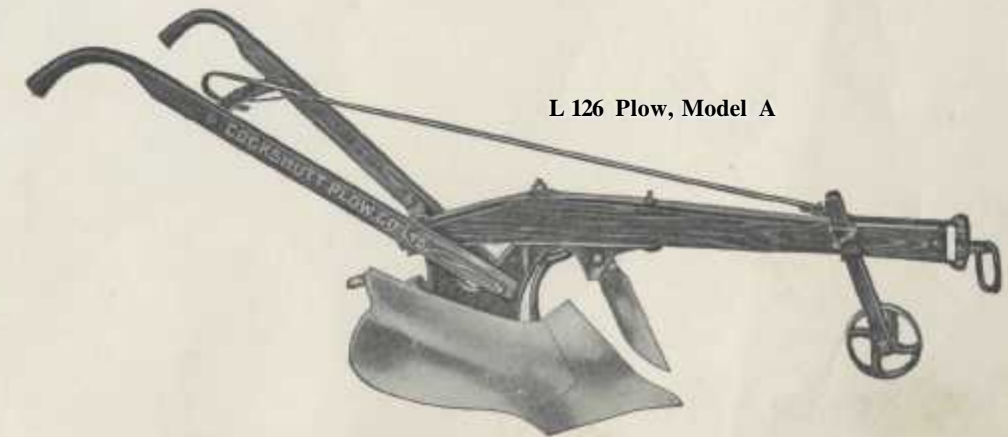


## L46 Plow

Here is the latest addition to the Cockshutt Hillside Plow line. The L 46 is well designed and sturdily built. Maximum strength with light weight has been obtained through the generous use of steel and malleable iron. The channel steel handles are securely braced and the two piece, truss style steel beam is well arched to provide plenty of clearance. The soft centre steel moldboard is correctly shaped to turn a good furrow and the bottom can be easily thrown over at the end of a furrow and relocked by means of a convenient foot pedal. The gauge wheel is regular equipment.

## L 126 Plow

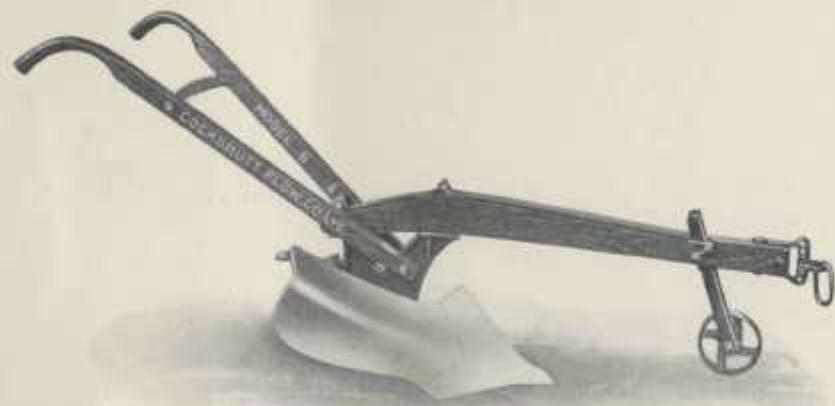
The L 126, which is made in two types, Model A and Model B (see over page) is one of our most popular Hillside Plows and



L 126 Plow, Model A



# There's a Type to Suit Every Need



L 126 Plow, Model B

## Reversible Disc Plow

This, disc plow is specially adapted to hillside work, but is often used on irregular shaped lands or fields where it is desired to avoid ridges and dead furrows. It is well designed, sturdily built and easily and conveniently operated. At the end of a furrow the operator simply presses a convenient foot lever, thereby releasing the beam and allowing the team to swing round and start back on another furrow. The beam locks automatically and the disc assumes the proper position for the return trip. There is no necessity of shifting the furrow wheels or changing the depth of cut unless varying conditions in different parts of the field demand it.

The steering lever is connected to the front and rear furrow wheels by adjustable rods so any desired set can be given the wheels. The 24" disc

is often used as well on level ground. The substantial and accurately fitted beam and handles are of wood, the moldboard and share of chilled iron. An automatic locking device is provided on the moldboard and the gauge wheel is regular equipment. Model A differs from Model B in that it is furnished with a knife colter and a lever for shifting the clevis and altering the width of cut.

penetrates readily and pulverizes the ground thoroughly. Different widths of cut are obtained by changing the bolts holding the ends of the frame to the wheel castings. The disc scraper is adjustable. Large oil cups on the disc and wheels ensure perfect lubrication. The large furrow wheels and high frame give plenty of clearance for work in trashy land.



The Home of Cockshutt Farm Implements

## Specifications of Cockshutt Hillside Plows

- L 6 Plow**—Equipped with steel beam, steel handles, gauge wheel, cast moldboard and share, 1 extra share.....202 lbs. Approx. NetWght.  
Clevis Lever and Rolling Colter or Jointer, with or without lever in each case, available as extras.
- L 6X Plow**—Equipped with steel beam, steel handles, gauge wheel, clevis lever, cast moldboard and share, 1 extra share.....227 lbs.
- L 36 Plow**—Equipped with wood beam, wood handles, gauge wheel, cast moldboard and share, 1 extra share.....94 lbs.
- L 46 Plow**—Equipped with steel beam, steel handles, gauge wheel, cast share, soft centre steel moldboard, 1 extra share.....90 lbs.
- L 126 Plow, Model A**—Equipped with wood beam, wood handles, clevis lever, knife colter, gauge wheel, cast share and moldboard, 1 extra share.....157 lbs.
- L 126 Plow, Model B**—Equipped with wood beam, wood handles, gauge wheel, cast share and board, 1 extra share.....105 lbs.
- Reversible Disc Plow**—Equipped with 24" disc.....655 lbs.

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# Cockshutt

# Better Seeding - Bigger Yields

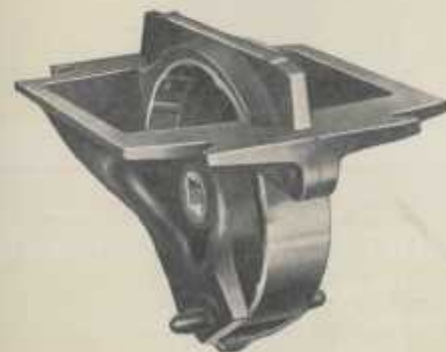
# No. 7 Drill

**T**HE type of drill you use to put in your seed plays a large part in deciding the kind of yield you obtain. The consistent success of owners of the Cockshutt No. 7 proves that its principles of construction are correct. Adjustments are provided to enable you to put in the seed at just the proper depth for rapid, even germination, and accurate, controlled distribution is an outstanding feature.



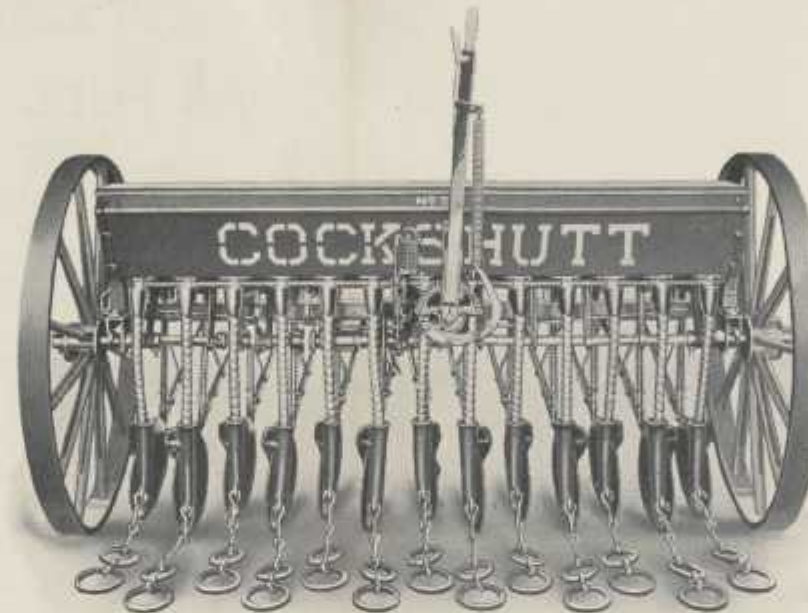
### Multiple Disc Gear

At the left is the multiple disc gear that drives the pinion which operates the grain feed rod. Also shown is the substantial axle hanger, made in two parts so it can be removed if necessary without stripping the axle of its other attachments. The grain index is clearly marked and instructions for sowing various quantities are pasted inside the lid of the box. The feed adjusting lever raises or lowers the sliding pinion on the square shaft and causes its teeth to mesh in whatever circle of the multiple disc wheel is desired. The speed at which the grain rod is driven—not the speed at which the horses travel—governs the quantity of grain sown.



### Grain Feed Cups

The grain feed mechanism is of the double run, force feed type, one side of which is used for sowing finer grains like wheat, rye and buckwheat, while the other is for coarser ones such as oats and barley. As shown, each feed roller has a series of ribs cast on the inside rim. These carry the kernels to the top of the tubes in a steady flow without breaking or bruising them. The feed is positive and can be relied upon to sow all varieties of standard grains as indicated.

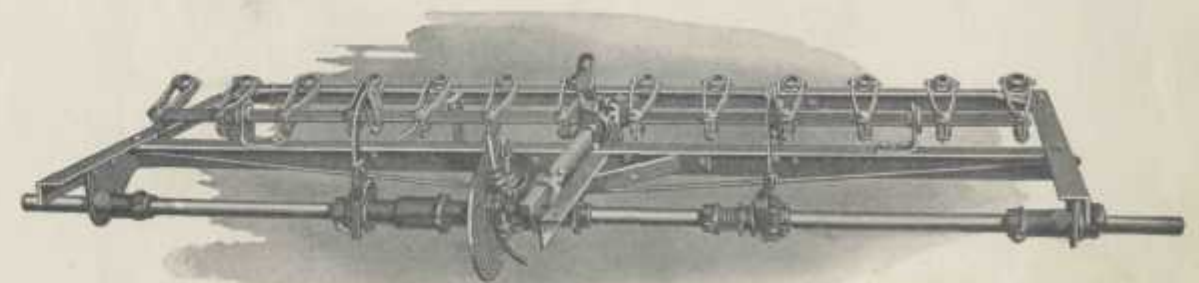
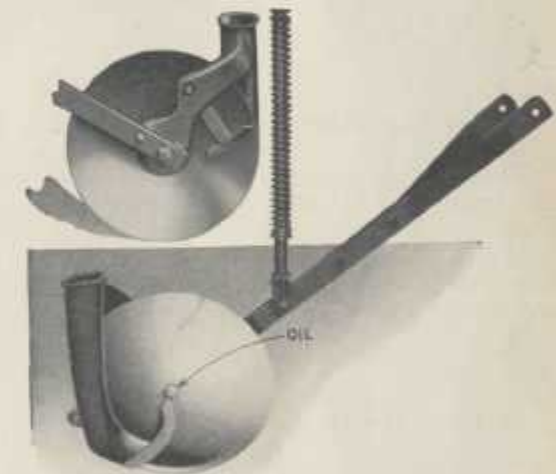


### Securely Rivetted Frame

High carbon angle steel bars form the frame and cross bar of this drill. They are securely rivetted together to make a firm foundation for the rest of the implement and a strong steel truss rod, anchored at either end, gives additional support. The absence of heavy castings means that light weight is obtained without any sacrifice of strength.

### Single Discs

**C**OCKSHUTT Single Disc Shoes are designed for satisfactory work under all sorts of conditions. They are the result of years of experience in the best methods of depositing and covering seed. Whether the soil is hard and dry or damp and sticky, the pressure can be adjusted so that the seed is placed at the proper depth for quick germination. The opening in the boot is low down and the seed is conveyed to the bottom of the trench made by the disc and then properly covered. Each disc is flexible and can travel over stones or other obstructions without disturbing the set or action of any of the other discs. Scrapers are provided on both the concave and convex sides of the disc. They fit snugly and clean the blades efficiently. The one on the concave side can be turned up out of the way when working on very dry land where it is not required.



A View of the Frame and Axle Construction used on the No. 7 Disc Drill



# You Get Greater Value in a Cockshutt Drill

## Dirt Proof Disc Bearing

The illustration below gives a sectional view of the bearing for the Single Disc shown over the page. The large, hard oil chamber, which keeps the bearing well lubri-

cated and in perfect running condition, can be seen. A cap which protects the bearing from dust and grit is held against it by a coil spring.



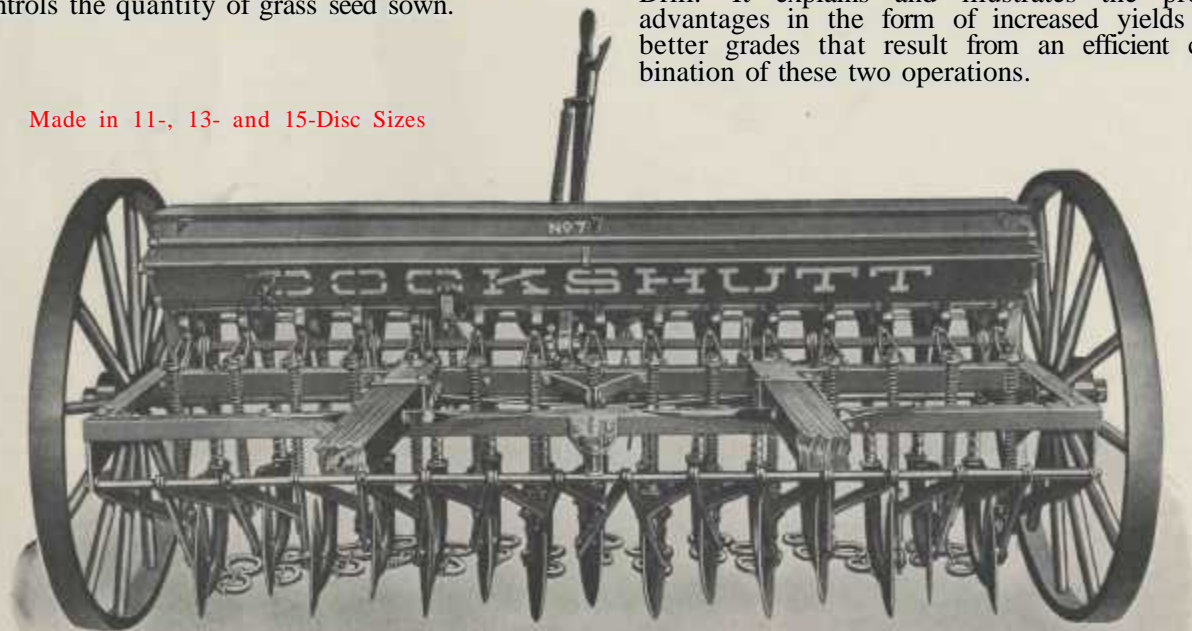
## Grass Seed Attachment

The front view of the 15-Run Drill below, shows the Grass Seed Attachment which is supplied as regular equipment with the No. 7 Drill. The Grass Seed Hopper is bolted to the front of the grain box and a plainly marked indicator controls the quantity of grass seed sown.

Made in 11-, 13- and 15-Disc Sizes

## No. 10 Combination Grain and Fertilizer Drill

If you are interested in sowing commercial fertilizer along with your grain, ask for the folder on our No. 10 Combination Grain and Fertilizer Drill. It explains and illustrates the proven advantages in the form of increased yields and better grades that result from an efficient combination of these two operations.



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## A FULL LINE

- "Tiller Combines"
- Horse and Tractor Plows
- Grain and Fertilizer Drills
- Corn Planters, Transplanters
- Disc and Drag Harrows
- Field and Garden Cultivators
- Manure Spreaders
- Binders
- Rakes
- Tractors
- Mowers
- Hayloaders
- Combines
- Threshers
- Cream Separators
- Chore Machinery
- Wagons
- Etc.

### Specifications of No. 7 Drill

Sizes—11- 13- and 15-Runs with Single Disc Shoes, 6-in. Spacing.  
 Regular Equipment—Includes Grass Seeder, 2-Horse Hitch for 11- and 13-Run Drills, 3-Horse for 15-Run.  
 Approx. Net Weight—11-Run, 890 lbs.; 13-Run, 980 lbs.; 15-Run, 1200 lbs.

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# COCKSHUTT

## No. 7

# GRAIN DRILL



COCKSHUTT PLOW CO. LIMITED

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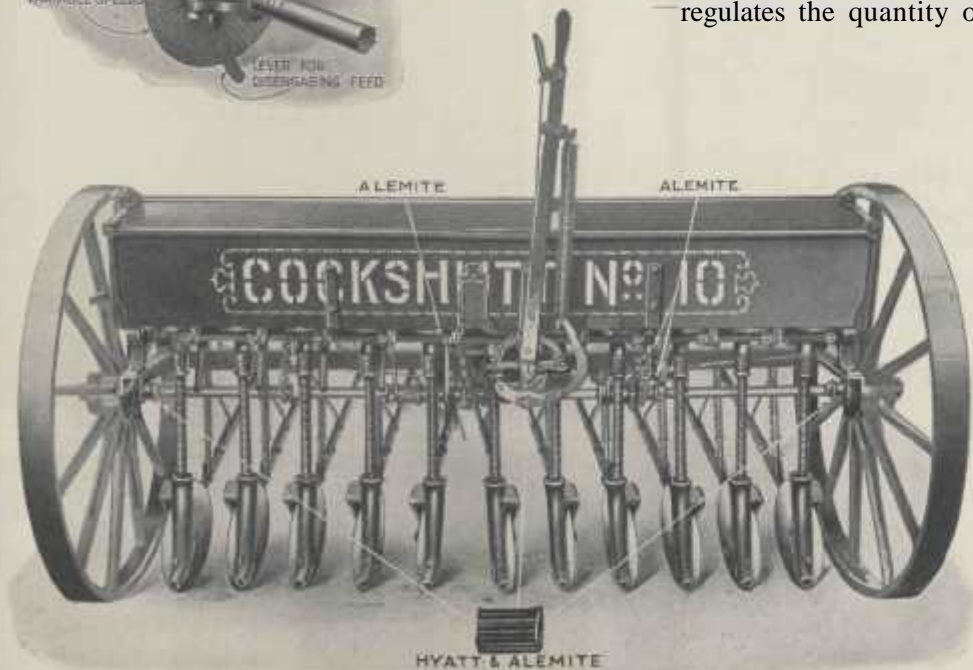


# Improve Your Work and Increase Your Profits with the Cockshutt No. 10

**T**HE proven advantages of a systematic, intelligent use of commercial fertilizer are clearly illustrated at the right. Increased yields, improved grades, heightened resistance to disease, earlier germination and maturity, increased root development and greater ability of the grain to smother weeds are factors that you, as a modern farmer cannot afford to ignore. Neither should you overlook the fact that the accurate, efficient distribution required for maximum returns can best be secured by using this Cockshutt No. 10 Combination Grain and Fertilizer Drill which will also sow Grass Seed at the same time, either broadcast or in drills.

## Multiple Disc Gear

At the left is seen the multiple-disc gear that drives the pinion which operates the grain feed rod. Also shown is the substantial axle hanger, made in two parts, so it can be removed if required without stripping the axle of its other attachments. The grain index is clearly marked and instructions covering its adjustment for sowing various quantities are pasted inside the lid of each box. The feed adjusting lever raises or lowers the sliding pinion on the square shaft and its teeth are made to mesh in whatever circle of the multiple disc wheel is desired. The speed at which the grain rod is driven—not the speed at which the horses travel—regulates the quantity of grain sown.



## Hyatt Bearings "Alemite" Lubrication

No expense has been spared to make this drill the lightest draft and longest service machine of its type. Three generous-sized Hyatt Roller Bearings are used on the axle and convenient fittings are provided for "Alemite" high pressure lubrication of all bearings and moving parts. Friction, wear and draft are thereby reduced to a minimum.

## All-Steel Frame

**G**REAT strength and rigidity with light weight result from an all-steel frame construction and the absence of heavy castings. The substantial steel angles forming the frame and cross bar are securely rivetted and are supported by a strong steel truss rod. The axle is of large diameter and runs perfectly true. On it can be seen the "Hyatt" Roller Bearings which make for such light draft and the sprockets and gears which drive the grain, grass seed and fertilizer feed rods.

## Feed Devices

At the right are shown the grain and fertilizer feed devices. This Star feed type of fertilizer feed is easily cleaned and regulated and handles all kinds of commercial fertilizer accurately. The opening or gate from the fertilizer box to the top of the spout is regulated by a lever on the end of the box. All openings feed the same amount in a steady, even flow. A great range in quantity sown per acre is obtainable by using the various sprockets supplied.



The Grain Feed Cup and Double Run Force-Feed Roller are also shown. The ribs on the inside of the feed roller carry out the kernels in a steady flow without bruising them and the grain and fertilizer unite as they go down the tubes. This type of grain feed is really two feeds in one, for one side is for sowing finer grains like wheat, rye, buckwheat, etc., and the other for coarser ones like oats and barley.



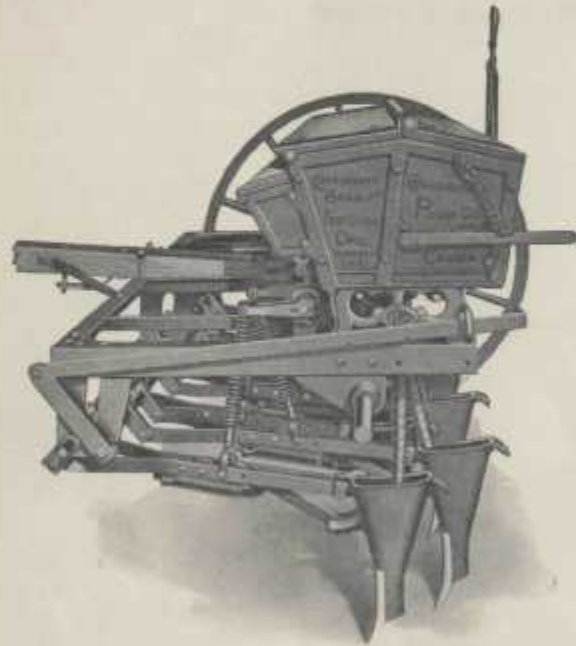
## Single Disc Shoes

Cockshutt Single Discs are designed for satisfactory service under all conditions. Scrapers fit discs snugly. Boots and shields are compact and plenty of pressure is obtainable for getting required depth. "Alemite" Lubricated.





# A Profit-Making Combination



## The Fertilizer Index

**T**HE end view of the No. 10 Drill at the left, shows the location of the index and lever controlling the amount of fertilizer to be sown. The lever raises or lowers a gate through which the fertilizer is conveyed to the top of the spout by the star feed plates.

When changes in quantities of either grain or fertilizer are to be made, the driving mechanism of each can be instantly separated by small levers conveniently situated beneath the boxes. When the discs are raised the whole machine is automatically thrown out of gear.

## Hoe Openers

See also the Hoes, which can be supplied in place of Discs for work in stony ground. They can be angled for greater clearance, as shown, by the long lever parallel to the frame. Heavy relief springs on the drag bars allow the hoes to spring back when a solid obstruction is met and so prevent breakage. Each hoe has a removable steel point that wears well, polishes readily and opens a furrow just the right width for proper seeding.

## The Ridging Attachment

At the right is a rear view of the No. 10 Drill, equipped with the Ridging Attachment which will fertilize and ridge your land in one operation preparatory to putting in tobacco, potatoes and other root crops.

The attachment consists of ten special ribbon tubes, a set of furrow openers and covering discs, double markers, etc. It can be used on 11- and 13-run machines and will distribute up to 850 lbs. of fertilizer per acre using the ordinary fertilizer feed. For larger quantities a special fast feed is available, which will distribute up to 1,200 lbs. of standard fertilizer per acre.

The furrow openers are adjustable for width between rows from 34" to 44" with an 11-run drill and 38" to 44" with a 13-run, and for depth of cut. Sufficient pressure is obtainable to get down to the moisture in a dry season. The disc blades will make ridges of the height required for tobacco or can be adjusted to act merely as coverers. Ask for the special folder on this attachment.



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"Tiller Combines"  
Horse and Tractor Plows  
Grain and Fertilizer Drills  
Planters  
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Field and Garden Cultivators  
Manure Spreaders

Binders  
Rakes  
Tractors  
Mowers  
Hayloaders  
Combines  
Threshers  
Chore Machinery  
Wagons  
Etc.

### Specifications of No. 10 Drill

Sizes—9-, 11-, 13- and 15-Runs with Single Disc Shoes or Hoes, 7-in. spacing.  
Drives—Multiple Disc Gear for Grain, Chain Drive for Fertilizer.  
Regular Equipment—Includes Grass Seeder, 2-Horse Hitch for 9- and 11-Run Drills. 3-Horse for 13- and 15-Run.

### Approximate Net Weights (Lbs.)

	9-Run	11-Run	13-Run	15-Run
With Single Discs.....	1150	1250	1375	1475
With Hoes.....	1100	1200	1350	1450
Ridging Attachment for 11- and 13-Run	220 lbs.			
Extension for Fertilizer Box (11-Run).....	35 lbs.			

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# COCKSHUTT

## No. 10 Grain and

## Fertilizer Drill

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# There's a Cockshutt Tractor Disc Harrow to Suit Every Size of Farm



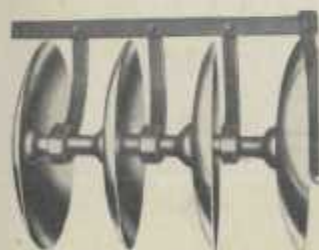
## Cockshutt No. 6 Tractor Disc Harrow

Built in 7-ft., 8-ft. and 10-ft. Sizes

**H**ERE is the ideal Double Disc Harrow for the tractor owner with an ordinary sized farm. It makes a tremendous saving of time and labor as compared with the usual horse drawn, single disc and is exceptionally efficient either for summer fallow work or in preparation of the seed bed in the spring. Of all-steel construction, except the boxings and spools between the discs, it has ample weight and strength, and the screw for angling the discs is conveniently operated from the tractor seat. There's no need of getting down to make adjustments.

### Easy Running — Light Draft

"Alemite" high pressure lubrication, and high-grade steel ball bearings ensure light draft and largely eliminate friction and wear. The "Alemite" fittings are conveniently placed and all bearing surfaces receive a thorough supply of grease. The bearings are dust-proof and there are two sets to each *sans* of discs. The ball races are of hard chilled iron.



Equipped with Cleaners



Showing Blade Scrapers

### Transport Trucks

When required, a transport attachment consisting of four trucks as shown at right, can be supplied as an extra.

Substantial weight boxes are regular equipment.



Transport Truck

### Disc Sections

Careful designing keeps the front and rear sections in proper relationship and ensures even penetration across the full width of the strip being harrowed so that it is left without bumps or ridges. Adjustment of the shanks for the pressure rollers raises or lowers the inner discs of the front sections as required. Bumpers on the inner ends of the rear sections prevent the discs from cutting into the rear frame angle when working in uneven ground. Castellated nuts and cotter pins on the ends of the sturdy gang bolts prevent the discs from working loose.

### Cleaners or Blade Scrapers

As shown at the left, this harrow can be equipped with either cleaners or blade scrapers. Either equipment efficiently prevents clogging of the gangs.

### Discs

The discs are constructed of highest quality crucible steel, accurately formed and properly sharpened. They have just the right dish or curvature to cut and uproot the weeds and leave the soil in a thoroughly pulverized condition.

## Cockshutt No. 9 Wide Disc Harrow for Large Acreage

**E**FFICIENT working of large acreage demands equipment capable of covering the ground quickly and at low cost. The Cockshutt No. 9 Wide Disc Harrow, with its great capacity, is built to meet this requirement. It cuts production costs at any time and in a short season when time is a particularly important factor it will be found invaluable. It's ideal for summer fallowing, for with the 24-ft. size you can cover as much as 125 acres per day.

### Sturdy Construction

Ample weight and strength—essentials in any big harrow—have been particularly well taken care of in the Cockshutt No. 9. The frame sections are of heavy, high carbon T-angle steel and only the highest grade materials are used throughout.

### Gangs Mounted Independently and Flexibly

Uniform penetration is obtained from the fact that each of the disc gangs is mounted independently and flexibly, with the inner sections on a frame or

frames separate from the outer ones so that each section accommodates itself individually to high or low spots in the field. A series of holes in the draw bar for each section permits each gang to be adjusted for proper alignment. The steel bumpers are in the nature of rollers, thus making adjustment for pressure easy.

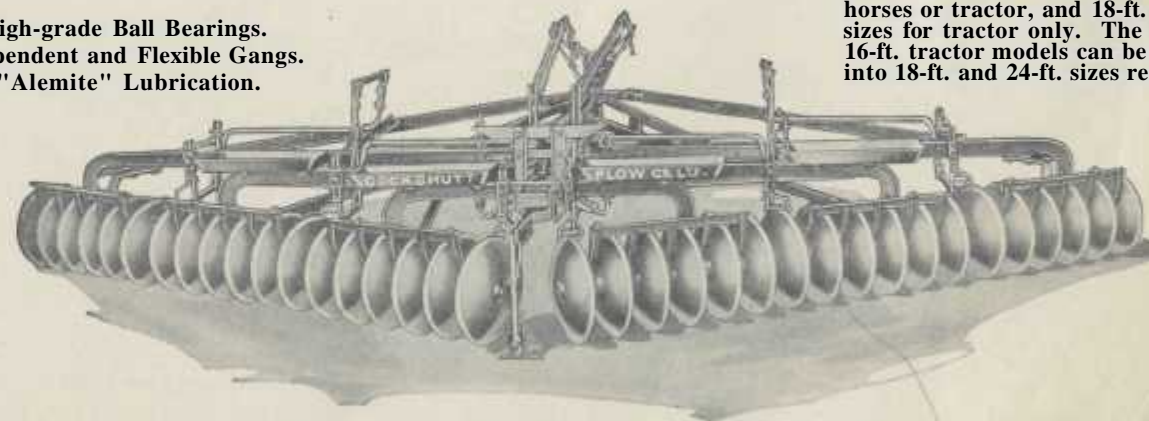
### Efficient Discs

The disc blades are of finest quality steel, properly tempered for long life, correctly sharpened, and with just the right dish and curvature for most effective cutting. They are securely held in place by the spools, and cleaners are provided to prevent clogging in dirty land.

### Centralized Control

Simplicity of operation and adjustment is a very important feature of this harrow. In contrast to the numerous levers usually found on an implement of this size, the Cockshutt has only two screws on the tractor model and two levers on the horse drawn machine. In either case they are conveniently reached without getting down to make adjustments.

High-grade Ball Bearings.  
Independent and Flexible Gangs.  
"Alemite" Lubrication.



Rear View No. 9, 18-ft. Wide Disc Harrow for Tractor

Built in 12-ft. and 16-ft. sizes for horses or tractor, and 18-ft. and 24-ft. sizes for tractor only. The 12-ft. and 16-ft. tractor models can be converted into 18-ft. and 24-ft. sizes respectively.

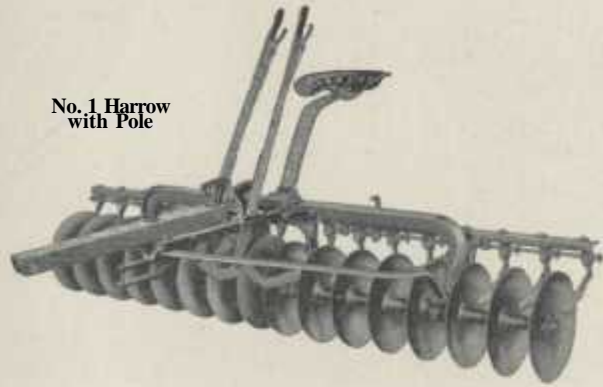






# For Better Discing Hitch Your Horses to a Cockshutt Harrow

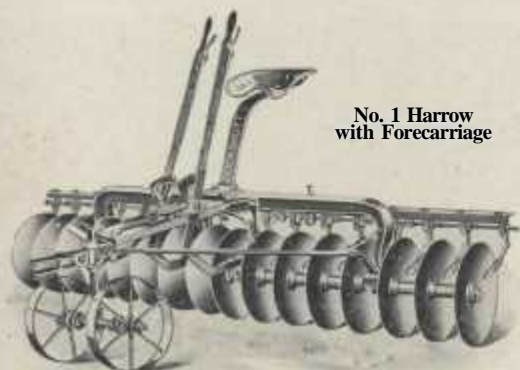
No. 1 Harrow with Pole



## No. 1 Out-throw Harrow

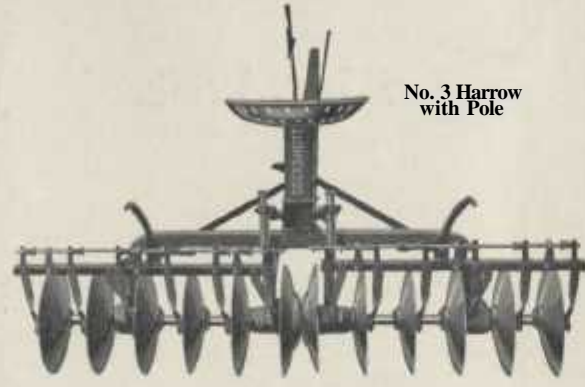
**A** VERY popular model especially adapted to heavier work. Main frame bar is high-carbon T-shaped steel to which are bolted the angle cross braces, scraper bars, etc. The inside end of the sections is held in place by a heavy casting which prevents it from riding up in hard ground. High-grade steel discs are arranged on square axles to prevent slipping. Sections cut a uniform depth their entire length. Large bumper castings save end thrust on the frames. Efficient disc scrapers are controlled by convenient foot levers.

Built in 8-, 10-, 12-, 14- and 16-blade sizes with 16" discs. Regular equipment is with pole, scrapers, one lever on 8-, 10-, 12- and 14-blade and 2 levers on 16-blade. 2-, 3- or 4-horse eveners as specified. Extra equipment includes 18", 20" and cutaway discs, forecarriage, tractor hitch, ox hitch pole, transport trucks, weight boxes, centre tooth attachment and 2 levers for 8-, 10-, 12- or 14-blade sizes.



No. 1 Harrow with Forecarriage

No. 3 Harrow with Pole



## No. 3 Out-throw Harrow

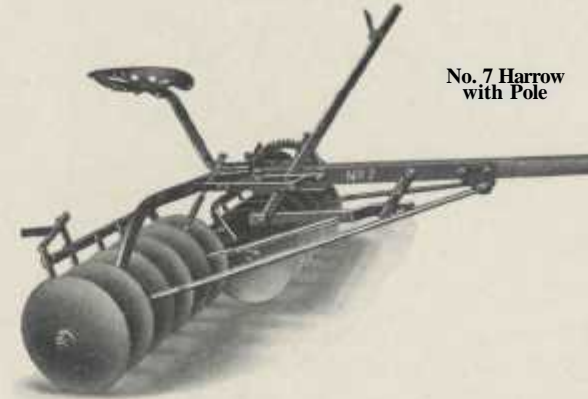
**A** SIMPLE but substantial out-throw model, well braced to keep the frame rigid. As on the No. 1, the high quality steel discs are fitted on a square axle. Pressure springs, controlled by a small lever in front of the seat, keep the inner end of each gang of discs from rising and so ensure uniform work. Convenient levers operate the disc scrapers. The dust-proof boxings on the gangs of discs are fitted with hard maple bearings and provision is made for efficient lubrication.

Built in 8-, 12-, 14- and 16-blade sizes with 16" discs. Regular equipment is with pole and scrapers, one angling lever on 8-, 12- and 14-blade, 2 levers on 16-blade, 2-horse eveners on 8- and 12-blade, 3-horse on 14- and 16-blade. Extra equipment includes weight boxes and forecarriage.



No. 3 Harrow with Forecarriage

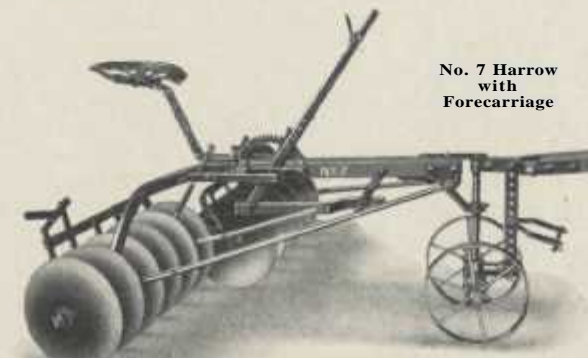
No. 7 Harrow with Pole



## No. 7 In-throw Harrow

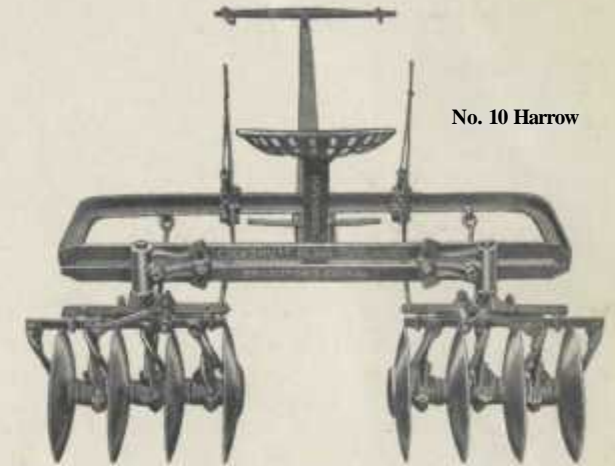
**T**HE frame of this new, practically all-steel harrow is a single piece of heavy, high-carbon steel, firmly braced to the pole. An exceptional angle of cut can be given the discs by means of the single lever which is easily adjustable to either extreme. Efficient scrapers, adjustable to or from the discs, prevent clogging. Any tendency of the centre discs to cut more deeply than the outer ones is overcome by adjustable pressure springs which ensures uniform work. The smooth-running bearings have double sets of high-grade steel balls, are protected against dirt by non-metallic packing at each end and are lubricated by high compression grease cups.

Built in 12- and 14-blade sizes with 16" discs. Regular equipment is with scrapers, long pole, neckyoke and eveners. Extra equipment includes forecarriage with stub pole.



No. 7 Harrow with Forecarriage

No. 10 Harrow

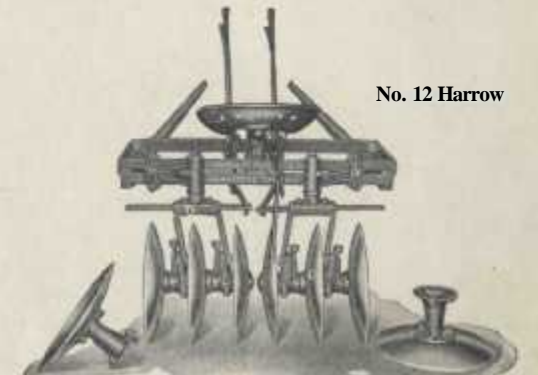


## Nos. 10 and 12 Orchard Harrows

**T**HESE harrows enable you to cultivate right up to the trunks of the trees. The sections are reversible so the soil can be turned either towards or away from the trees. The gangs can be tilted to the right or left of the perpendicular as desired and are movable in or out along the heavy angle steel frame. The angle of cut is controlled by two easily operated levers.

The No. 10 Harrow is built in 8-, 10- and 12-blade sizes with 16" discs. Regular equipment is with scrapers, pole, 2-horse eveners. Extra equipment includes frame extension for tall crops, forecarriage.

The No. 12 Harrow is regularly built in 6-blade size, with shafts and steel singletree for one horse. Extra equipment includes 2 extra 16" discs and arms to convert 6-blade into 8-blade size, 18" or 20" discs, scraper attachment, frame extension for tall crops, 2-horse steel eveners, forecarriage.



No. 12 Harrow



# There's a Type and Size for Every Need

## No. 6 Harrow for Horses

To meet the requirements of farmers who desire a good sized tandem harrow for use with horses, the famous Cockshutt No. 6 can be supplied with Horse Attachment and Forecarriage as illustrated. The necessary parts can also be furnished as an extra to enable any owner of a No. 6 Tractor Harrow to convert it into a horse drawn implement.



No. 6 Disc Harrow with Horse Attachment and Forecarriage

This harrow is exceptionally efficient either for summer fallow work or in preparation of the seed bed in the spring. Of all-steel construction, except the boxings and spools between the discs, it has ample weight and strength and is very conveniently operated by the screw which permits fine adjustments in the angling of the discs. "Alemite" lubrication, high-grade, dust-proof ball bearings, and wear-resisting disc blades are valuable features.

Built in 7-ft., 8-ft. and 10-ft. sizes, each consisting of two gangs of in-throw and two of out-throw 16" discs. Can be supplied with either cleaners or blade scrapers to prevent clogging. Substantial weight boxes are regular equipment. When required, a transport attachment, consisting of four trucks, can be supplied as an extra, also 18" discs in place of 16".

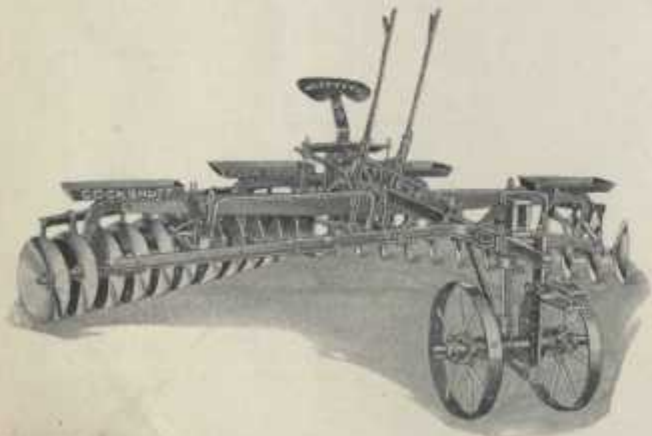
## No. 9 Wide Disc Harrow for Large Acreage

EFFICIENT working of large acreage demands equipment capable of covering the ground quickly and at low cost. The Cockshutt No. 9 Harrow with its great capacity is built to meet this requirement. It has all the weight and strength

necessary to so big an implement. The frame sections are heavy high-carbon T-angle steel and only the highest grade materials are used throughout.

Uniform penetration is secured since each of the disc gangs is mounted independently and flexibly, with the inner sections on a frame separate from the outer ones so that each section accommodates itself individually to high or low spots in the field. Two conveniently placed levers give the operator centralized control and make it unnecessary to get off the seat for adjustments. A stiff centre tooth is provided which is adjustable for depth and is automatically raised when the sections are straightened out for transport. Other features are the sturdy forecarriage, weight boxes to provide for greater penetration when desired and "Alemite" high pressure lubrication.

The No. 9 Harrow for horses is built in 12-ft. and 16-ft. sizes (12-ft., 16-ft., 18-ft. and 24-ft. for tractor) and is regularly equipped with cleaners to prevent clogging, with stiff centre tooth and with good capacity weight boxes.



No. 9 Wide Disc Harrow for Horses



The Home of Cockshutt Farm Implements

## A FULL LINE

Horse and Tractor Plows  
"Tiller Combines"  
Grain and Fertilizer Drills  
Corn Planters, Transplanters  
Disc and Drag Harrows  
Field and Garden Cultivators  
Scufflers, Weeders, Horse Hoes  
Manure Spreaders  
Binders, Mowers, Rakes  
Hayloaders, Tractors, Combines  
Pulpers, Straw Cutters  
Grain Grinders, Hammer Mills  
Cream Separators  
Wagons, Etc.

### SPECIFICATIONS :

No. 1, 8B. x 16", 1 lever, less trees...	353 lbs.
No. 1, 10B. x 16", 1 lever, 2 H.H.	432 lbs.
No. 1, 12B. x 16", 1 lever, 2 H.H.	457 lbs.
No. 1, 14B. x 16", 1 lever, 3 H.H.	500 lbs.
No. 1, 16B. x 16", 2 levers, 3 H.H.	550 lbs.
No. 3, 8B. x 16", 1 lever, 2 H.H.	394 lbs.
No. 3, 12B. x 16", 1 lever, 2 H.H.	435 lbs.
No. 3, 14B. x 16", 1 lever, 3 H.H.	460 lbs.
No. 3, 16B. x 16", 2 levers, 3 H.H.	378 lbs.
No. 7, 12B. x 16", 1 lever, 2 H.H.	395 lbs.
No. 7, 14B. x 16", 1 lever, 2 H.H.	415 lbs.
No. 10, 8B. x 16", 2 levers, 2 H.H.	445 lbs.
No. 10, 10B. x 16", 2 levers, 2 H.H.	475 lbs.
No. 10, 12B. x 16", 2 levers, 2 H.H.	370 lbs.
No. 12, 6B. x 16", 2 levers, shafts, singletree	875 lbs.
No. 6, 7-ft. for Horses, cleaners	975 lbs.
No. 6, 8-ft. for Horses, cleaners	1080 lbs.
No. 6, 10-ft. for Horses, cleaners	1300 lbs.
No. 9, 12-ft. 6 H.H.	1500 lbs.
No. 9, 16-ft. 8 H.H.	

## Cockshutt Plow Co.

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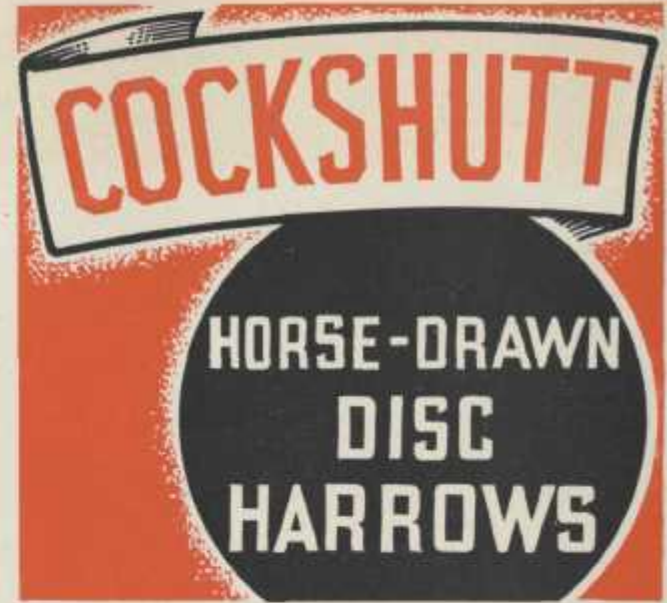
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**COCKSHUTT PLOW CO.**  
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# This Cockshutt No. 1 Beet Cultivator is Flexible and Adjustable

## More Profits Through Lower Costs

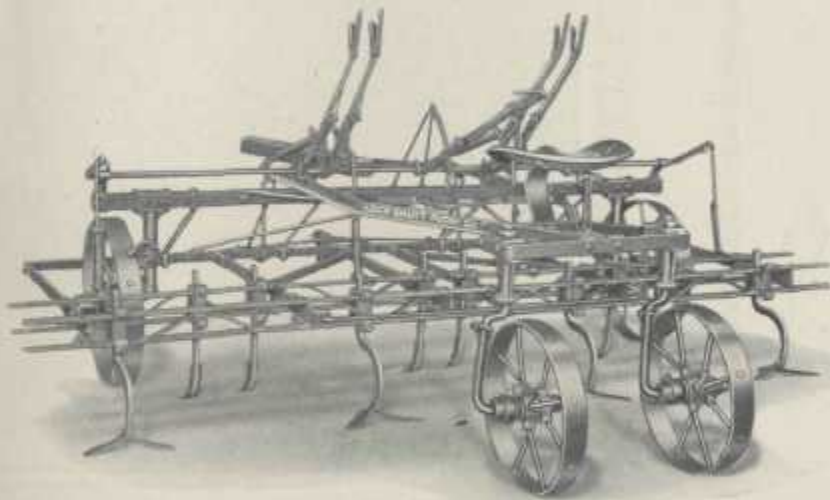
**Y**OU can do fast, first-class work with the Cockshutt No. 1 Beet Cultivator for it is specially designed for flexibility and adjustability and can quickly be adapted to suit the particular needs of varying conditions. The ability to cultivate four rows at once means a real saving of time and labour and results in lower production costs and increased profits.

## Easy Adjustability

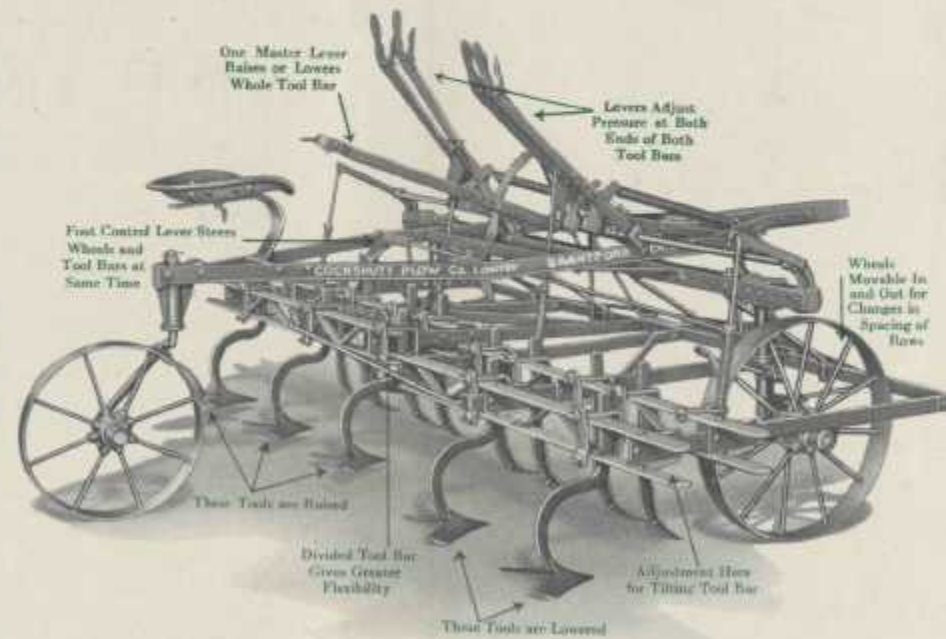
One master lever, which functions easily with the aid of heavy coil springs, raises or lowers the whole tool bar. Four convenient levers on the four and three row machines and two on the two row, control the depth of penetration of the various cultivating tools and enable pressure to be put on both ends of each tool bar. This valuable feature makes it possible for all tools to work at an even depth when the ground is not level.

## Flexibility a Feature

The divided tool bar is a valuable and exclusive feature of this Cockshutt cultivator for it provides much greater flexibility than can be obtained on machines with only one wide tool bar. The provision of a double tool bar with front and rear sections is also an advantage for it allows the use of a wide range of equipment to suit different conditions.



No. X Three Row Beet Cultivator



## Sturdy Wheels

Both the front and rear wheels of this Cockshutt cultivator are of steel and are strongly built. Special high carbon steel is used for the axles. Wide tires make for good traction and light draft and provision is made for thorough lubrication of the bearings. Efficient scrapers prevent the accumulation of dirt when working in sticky soil.

## Good Range in Widths of Rows

A wide variation is possible in the spacing between the rows. This range of adjustability takes care of all crops for which the cultivator is suitable.

The 4 row machine will cultivate:  
4 rows from 16-in. to 30-in. apart  
3 rows from 24-in. to 36-in. apart  
6 rows from 16-in. to 18-in. apart  
2 rows from 32-in. to 60-in. apart

## As a Two Row Machine

The 2 row machine with 4 row frame, but only half the tool bar as shown at right and with three levers in place of five will cultivate:  
2 rows from 16-in. to 30-in. apart. — 3 rows from 16-in. to 20-in. apart.

By using a special tool bar this machine can be made into a 2-3 row beet or bean cultivator.

## Easy Control

**A** POWERFUL and convenient foot lever both steers the wheels and shifts the tool bars at the same time. The instant response of the tools is particularly valuable in that it allows exceptionally close cultivation even of slightly irregular rows and is a big factor in avoiding damage to the plants.

## Tool Bars Can Be Tilted

The sturdy double tool bars, which are firmly trussed and braced to withstand twisting strains, are mounted on steel brackets which are provided with an adjustment whereby the tool bar can be tilted if necessary to give greater suction to the tools. All that is required is to loosen a bolt and nut and change the position of the bracket. The individual tools are held firmly in place by substantial steel clamps but can readily be adjusted for depth while the clamp can easily be moved horizontally on the tool bar when desired.

## Reducible to Three and Two Row Sizes

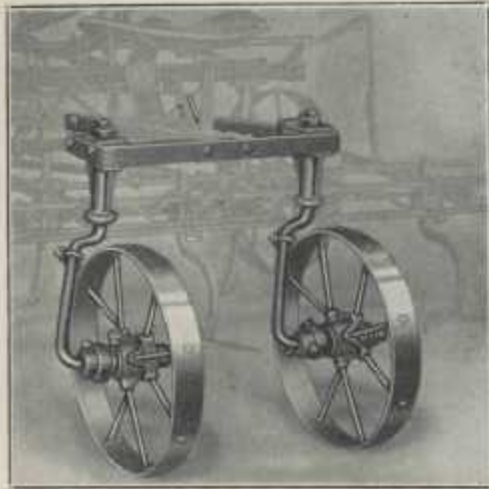
The four row machine can quickly be changed to a three row size by moving in the wheels, changing the spacing of the tools, and adding the three row attachment consisting of an extra rear wheel, etc. It can be converted into a two row machine by dropping one half of the divided tool bar. In this case no extra attachment is required.



No. 1 Two Row Beet Cultivator



## A Wide Range of Equipment is Available

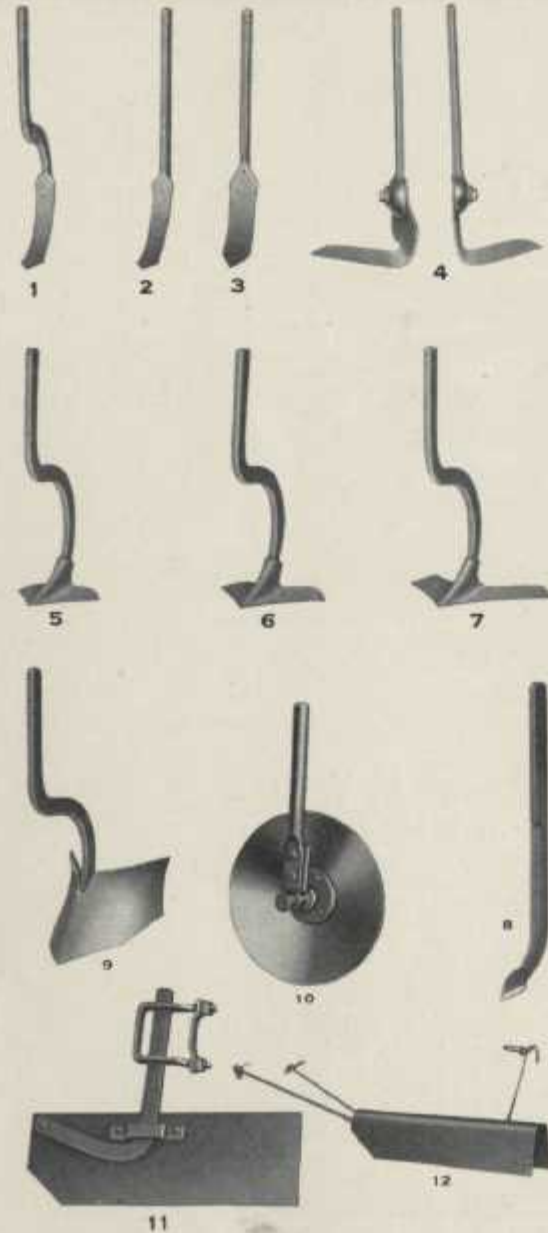


### Three Row Attachment

**I**LLUSTRATED above is the attachment necessary to convert the four row cultivator into a three row machine. It is required in order to straddle the centre row. The attachment consists of an extra wheel and the required supports and can be bolted on with a minimum of time and trouble.

### Wide Range of Tool Equipment

To meet the requirements of growers in different districts where various methods of cultivation are followed, a wide variety of tools can be supplied for this Cockshutt cultivator. A full assortment is shown at the right with the respective standards. Since requirements vary to such an extent the machine is quoted less the tools and standards — the purchaser selecting the equipment best suited to his needs. The side knives are the new type with ball and socket joint for universal adjustment and with a new shape of blade which fills practically all requirements for first cultivation. The disc Weeders are fitted with grease cups for efficient lubrication and the 1 1/4 shovel blades have reversible points.



No. 1—1 1/4 Shovel Tooth on curved standard; No. 2—1 1/4 Shovel Tooth on straight standard; No. 3—2" Shovel Tooth which goes on either standard; No. 4—Side Knives; No. 5-6" Sweep; No. 6—8" Sweep; No. 7—10" Sweep; No. 8—Chisel Point; No. 9—Irrigation Shovel; No. 10—Disc Weeder; No. 11—Standard Shield; No. 12—Covered Shield.



The Home of Cockshutt Farm Implements

### A FULL LINE

Single Furrow Walking and Riding Plows  
 Walking and Riding Gang Plows  
 Moldboard Tractor Plows  
 Horse and Tractor Disc Plows  
 Brush Breakers  
 "Tiller Combines"  
 Grain and Fertilizer Drills  
 Broadcast Seeders  
 Corn and Cotton Planters  
 Disc and Drag Harrows  
 Field and Garden Cultivators  
 Scufflers, Weeders, Horse Hoes  
 Pulverizers, Rollers  
 Irrigation Ditchers  
 Manure Spreaders  
 Lime and Fertilizer Distributors  
 Grain and Corn Binders  
 Mowers, Rakes, Hayloaders  
 Harvester Combines  
 Pulpers, Straw Cutters  
 Specialized Equipment for  
 Tobacco, Sugar Cane, Etc.

#### Specification of

#### No. 1 BEET CULTIVATOR

Approx. net weight of 4 row machine, less tools and standards.....670 lbs.  
 Approx. net weight of 2 row machine, less tools and standards.....536 lbs.  
 Extra Wheel Attachment for 3 row.....68 lbs.  
 4 row reducible to 3 and 2 row sizes.  
 Regular Equipment Includes Pole, Neckyoke, 2-Horse Eveners and 13 Tool Clamps on 4 row.

## Cockshutt Plow Co.

Limited

Head Office and Factory: BRANIFORD, CANADA

Winnipeg, Regina, Saskatoon, Calgary

Edmonton

Harvester Division:

## The Frost & Wood Co.

Limited

Smiths Falls

Montreal

Truro

# COCKSHUTT

## No. 1

# Beet Cultivator



COCKSHUTT PLOW CO. LIMITED

Brantford, Ont.

Winnipeg Regina Saskatoon

Calgary Edmonton



# Keep Down the Weeds with These Cockshutt Scufflers

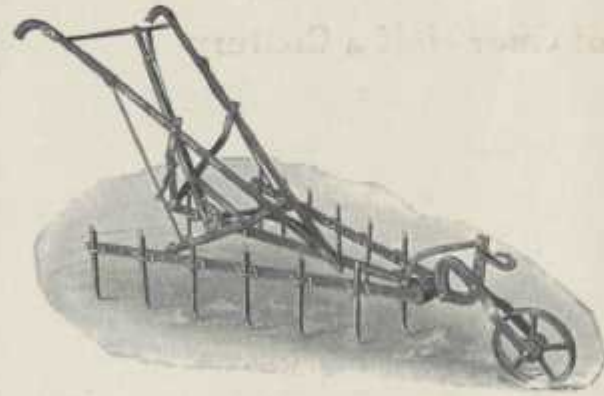
**T**HE importance of proper cultivation in increasing the yield of garden and row crops cannot be over-estimated. Market gardeners, particularly, have learned over many years the value of the Cockshutt line of Scufflers, and on almost every farm one or more of them can be employed to advantage in the garden, potato patch, etc., in place of the slow, tiresome job of hoeing. Frequent use will repay many times the original investment and the labour you put into the work. These implements aid the development of the growing crop by keeping down the weeds, conserving moisture and preserving a fine mulch. They are sturdy, well-built tools, light in draft and easily handled. A wide variety of types enables you to choose the model best suited to your needs, and a splendid range of points and hiller blades can be supplied.

## No. 10 Scuffler

This is a strong, sturdy, durable model, built primarily for sugar cane cultivation. The substantial frame is firmly braced to provide sufficient strength for heavy work. The well-placed handles give the operator easy control. The gauge wheel is adjustable for height, and can readily be altered. Regular equipment is with five 4" blades. Cultivating width 24".



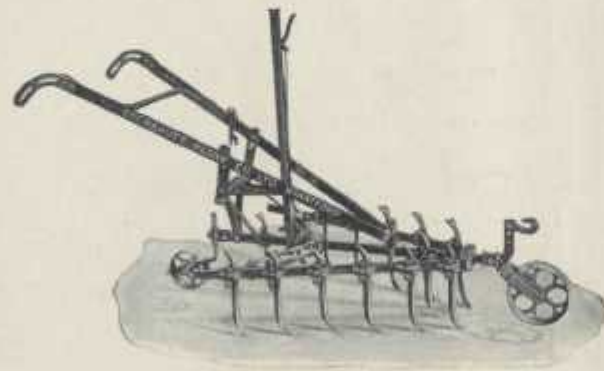
No. 10 Scuffler



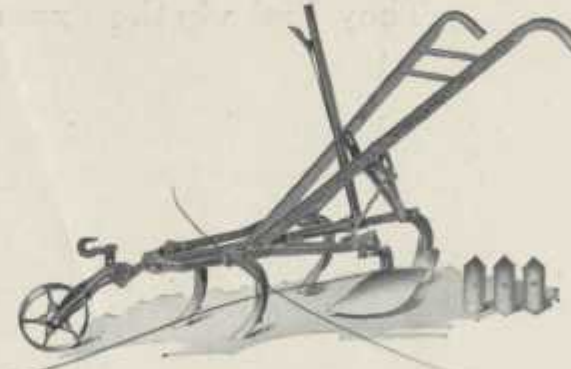
No. 12 Scuffler

## Spike Tooth Scufflers

Cockshutt No. 12 and No. 14 Spike Tooth Scufflers are particularly adapted to the cultivation of small plants, such as strawberries, etc., but are also excellent for cotton, tobacco and sugar cane. The clips holding the teeth to the frame are adjustable, so that the teeth, which are reversible, can be set at any angle desired. The No. 12 is a popular, light type, strongly made and adjustable for width of row and depth of work. The No. 14 is a heavier model also with an expandable frame, but is fitted with a rear gauge wheel which helps to steady the cultivator.



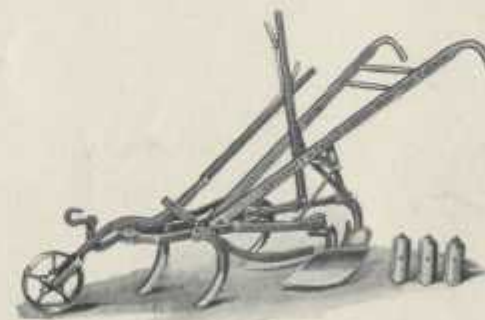
No. 14 Scuffler



No. 15 Scuffler

## Nos. 15 and 16 Scufflers

These two models are among the most popular in the line. They are light but very strong, being of steel construction with either steel or wood handles. The No. 16 is controlled by two convenient levers, one for regulating the width and the other the depth. The frame can very quickly be widened or drawn in to suit the width of the rows. A float is provided in place of a rear wheel. It is operated by the depth lever which controls the front gauge wheel. The No. 15 is like the No. 16, but without the float and second lever.



No. 16 Scuffler



No. 26  
7-Tooth Scuffler

## No. 26 Scuffler

This is a strongly made 7-tooth Scuffler, controlled by two levers and provided with a float. One lever controls the expansion of the frame to suit rows of different widths. The second regulates the depth at which the points or blades work, by altering the adjustment of the gauge wheel and float. Either steel or wood handles can be supplied.

## No. 27 Scuffler

There are two types of No. 27 Scuffler available which differ only in that the model shown here is fitted with a lever, while the other (illustrated over the page) has to be adjusted by hand after loosening a convenient set screw.



No. 27 Scuffler



# There's a Size and Type to Suit Every Requirement

No. 27 Scuffler without  
Lever Adjustment



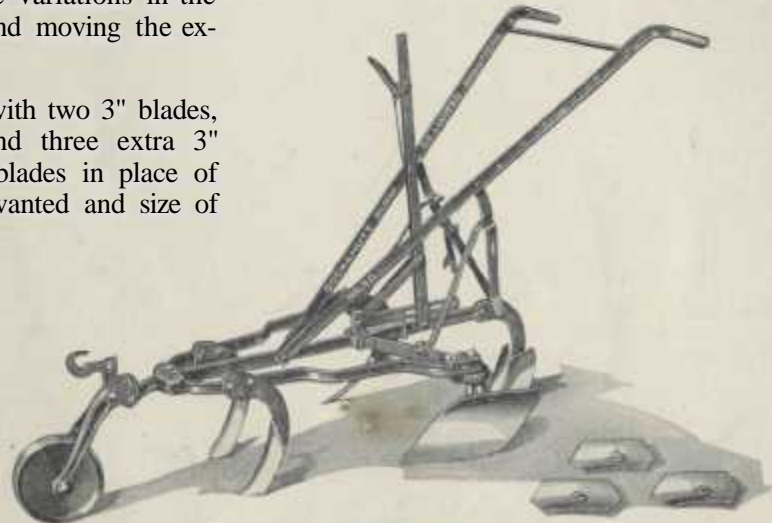
## No. 27 Scuffler

The five-tooth model shown above is, except for the manner of expanding the frame, the same as the regular No. 27 type. Both are of all-steel construction, with the exception of the gauge wheel, and are rigid and very strong. They are particularly useful in cultivating corn. The long steel handles are well braced and give easy control of the implement. Adjustment for width, on the model above, provides for very fine variations in the width of the rows by loosening a set screw and moving the expander arms.

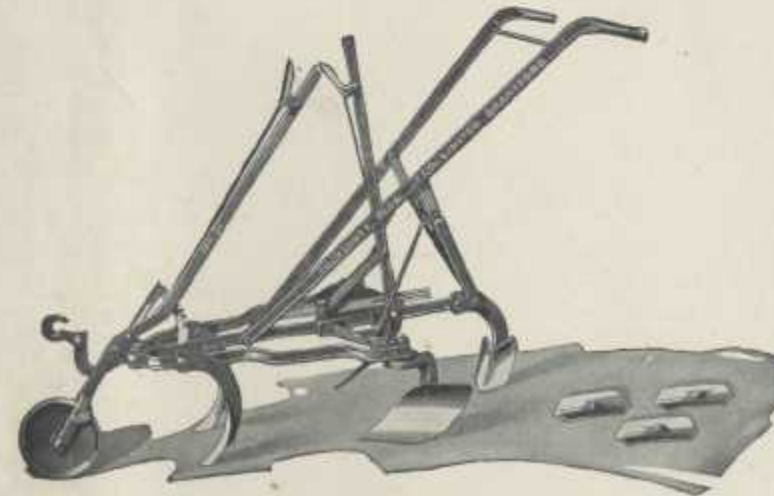
The No. 27 Scuffler is regularly equipped with two 3" blades, one weeder blade, two short hiller blades and three extra 3" blades. It can also be furnished with 2 1/4" blades in place of 3". Specify whether lever or screw type is wanted and size of blades desired.

## No. 30 Scuffler

Regular equipment of the No. 30 Scuffler is as follows:—One lever, two 3" blades, two short hiller blades, one weeder blade and three extra 3" blades.



No. 30 Scuffler



No. 31 Scuffler

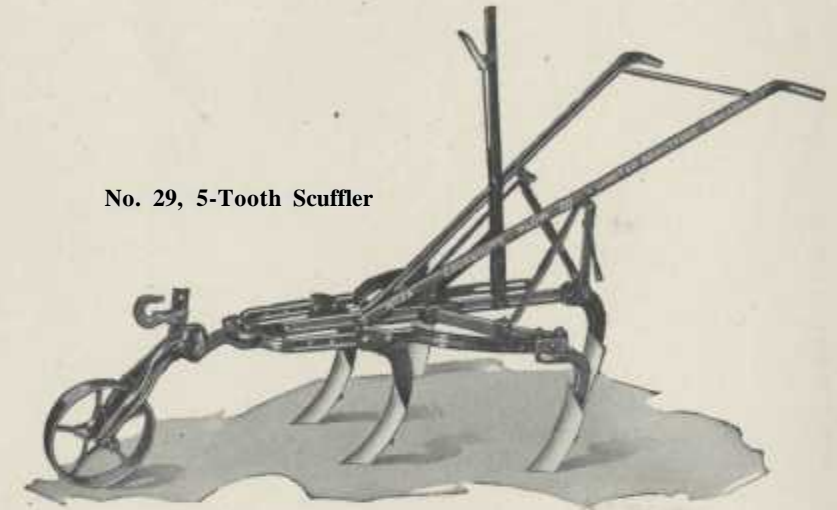
## They Embody the Experience of Over Half a Century

**T**HE wide range of types in the Cockshutt line of Scufflers, and the variety of equipment from which to choose, offer you an opportunity to select just the model best suited to your particular requirements. Scufflers were among the earliest items upon which the Cockshutt reputation for high quality implements was built up. They have been manufactured continuously for over half a century, with such improvements from time to time as experience has dictated. Current models set the standard for modern design and construction. They excel in performance and durability, because they combine first-class materials with long experience and expert workmanship. They are known around the world as thoroughly dependable, high-grade tools of wide utility.

## Nos. 30 and 31 Scufflers

These two models in the Nos. 30-33 Series are the latest word in Scuffler design. They are of practically all-steel construction and can easily be built up from 5- to 7-tooth size. The handles are securely braced and are just the correct length for proper control. Variation in the working width is obtained by a single lever which expands or narrows the frame. On the No. 31 a second lever enables the depth to be changed while working.

No. 29, 5-Tooth Scuffler



## No. 29 Scuffler

The No. 29 Scuffler, shown above, is very similar to the No. 27 model with lever. Though slightly lighter in weight it is a very sturdy, well-built tool of all-steel construction, with the exception of the gauge wheel. It is fitted with one lever for expanding or contracting the frame to suit the width of the row

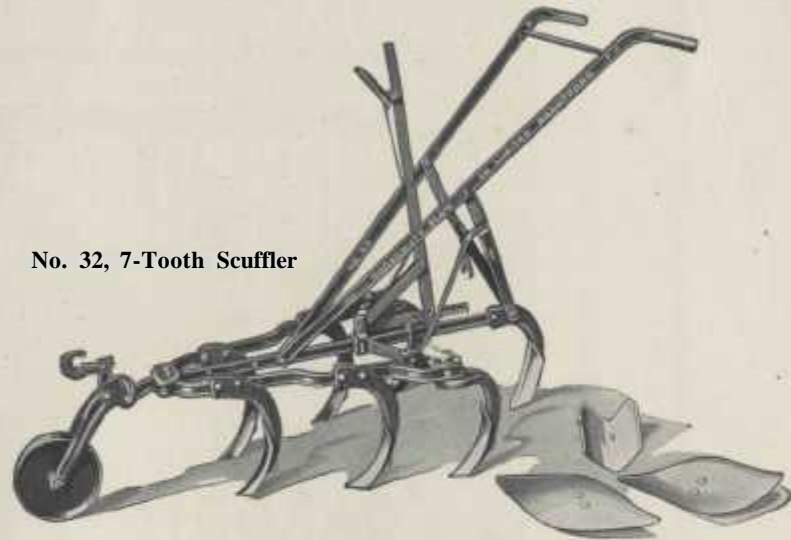
being worked. Provision is made for adjustment of the gauge wheel to alter the working depth as circumstances may require. The regular equipment of this model is with the five 2 1/2" blades, as illustrated. Hiller blades and a weeder blade can, however, be furnished as extras when desired.

## No. 31 Scuffler

Regular equipment of the No. 31 Scuffler is as follows:—Two levers, two 3" blades, two short hiller blades, one weeder blade and three extra 3" blades.



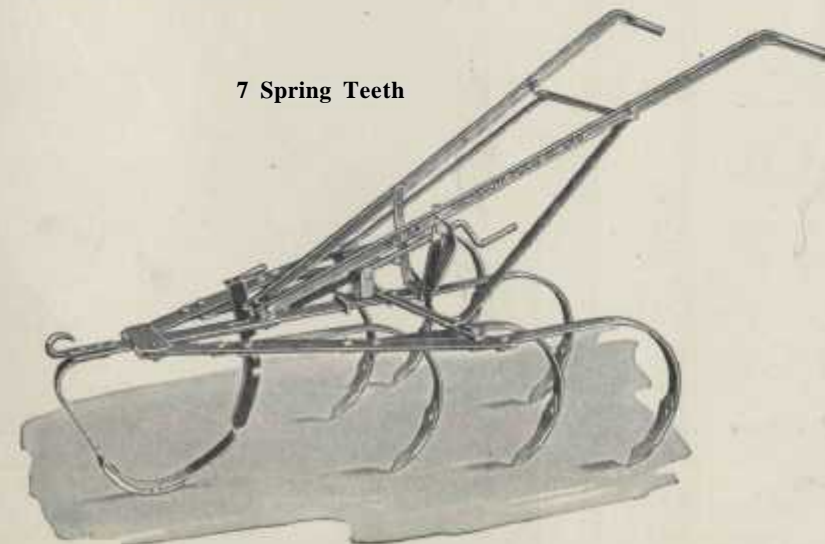
# A Wide Variety of Points and Blades Can Be Furnished



No. 32, 7-Tooth Scuffler

## No. 32 Scuffler

Regular equipment of the No. 32 Scuffler, shown above, is as follows:—One expander lever for changing width of frame, four 3" blades, two short hiller blades, one weeder blade, with three extra 3" blades.



7 Spring Teeth

No. 34 Spring Tooth Scuffler

## No. 34 Spring Tooth Scuffler

Here is a splendid spring tooth model of high carbon steel, with handles adjustable for height and screw adjustment of working width from 21-34 inches. The seven spring teeth are of high carbon spring steel, heat-treated for greater strength. They are fitted with 2 1/4 - in. reversible steel blades. The depth gauge has a cast shoe and an easily operated ratchet adjustment.

## Adaptability Is a Feature of Cockshutt Scufflers

**A**DAPTABILITY to varying soil conditions and to different crops is a valuable feature that characterizes the whole line of Cockshutt Scufflers. It greatly adds to their utility and to the return received from your investment. It is particularly true of the Nos. 30-33 Series, which are among the most popular types in the line. In general details of construction these models are all similar. The frame and handles are of substantial channel steel, and the bracing is rigid. The handles are of proper and convenient length to ensure perfect control with minimum effort. In each case the frame is so constructed that a 5-tooth Scuffler can readily be changed to a 7-tooth one by the addition of the necessary parts, while a 7-tooth model is just as easily converted into the 5-tooth size.

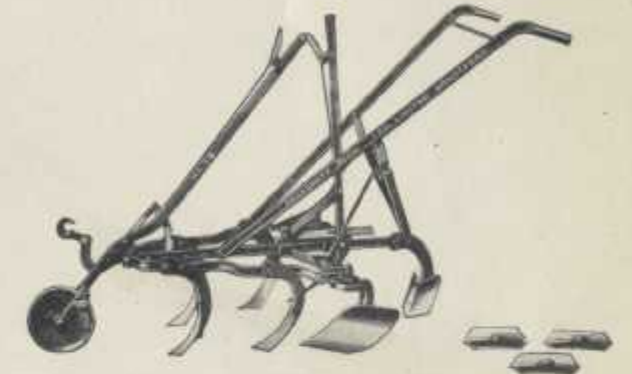
## Nos. 36-39 Series

For use under difficult conditions where exceptional strength is required, four Scufflers are available which are only slight modifications of the Nos. 30-33 Series. The change consists of substituting solid steel for channel steel for the centre and side frame bars and strengthening the braces from the expander arm to handle braces. When these alterations are made:

- The No. 30 is known as the No. 36
- The No. 31 is known as the No. 37
- The No. 32 is known as the No. 38
- The No. 33 is known as the No. 39

## No. 35 Scuffler

The No. 35 Scuffler is a model specially designed for use in tobacco cultivation. In general construction it is similar to the Nos. 30-33 Series, but the handles are unusually long in order to prevent the operator from walking on the large 12" sweep at the rear, and the equipment is somewhat different, consisting of four 3" blades, right and left weeder blades, one 12" sweep and three extra 3" blades. Shields can be supplied as extras.



No. 33 Scuffler

## No. 33 Scuffler

This model is like the No. 31, except that it has seven teeth in place of five. Regular equipment consists of expanding and gauge wheel levers, four 3" blades, two short hiller blades, one weeder blade and three extra 3" blades. As in the case of the other models, a gauge wheel scraper is part of the regular equipment.

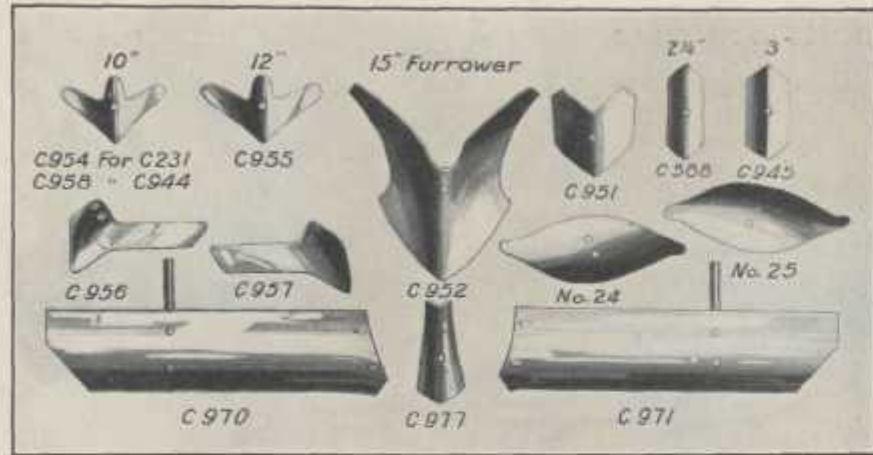
## Particularly Suited to Tobacco Cultivation



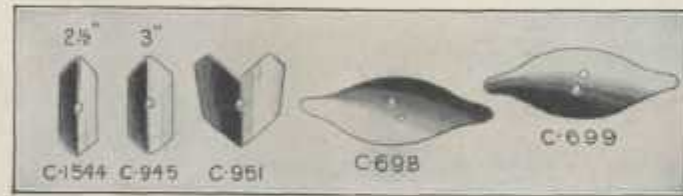
No. 35 Scuffler



# Specify the Equipment You Require



Long Hillers, C970 and C971, can be supplied as extras for Nos. 15, 16, 26, 27 and 29 Scufflers.



Long Hillers, No. 22 and No. 23, can be supplied as extras for Nos. 30, 31, 32, 33, 35, 36, 37, 38 and 39 Scufflers.

Shown here are a number of the points, blades, sweeps, etc., available for Cockshutt Scufflers. They are all well made of high-grade material and will give maximum service. For your convenience we list here the regular equipment of Cockshutt Scufflers by number. Check these specifications to make sure you are ordering what you require.

- No. 10: 5 C56 4" blades.
- No. 12: 14 C202 Reversible teeth.
- No. 14: 14 C129 Reversible teeth.
- No. 15: One lever, 2 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 shovel blade, 3 extra C945 blades.
- No. 16: Two levers, float; 2 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 shovel blade, 3 extra C945 blades.
- No. 26: Two levers, float, 4 C588 2 1/4" blades, 2 C945 3" blades, 1 C951 7" shovel tooth and 1 extra C945 blade.

- No. 27: One lever, or hand adjustment, 2 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 weeder blade, 3 extra C945 blades. (2 1/2" blades are available in place of 3".)
- No. 29: One lever, 5 C1544 2 1/2" blades.
- No. 30: One lever, 2 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 weeder blade, 3 extra C945 blades.
- No. 31: Two levers, 2 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 weeder blade, 3 extra C945 blades.
- No. 32: One lever, 4 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 weeder blade, 3 extra C945 blades.
- No. 33: Two levers, 4 C945 3" blades, 1 C698, 1 C699 short hiller blades, 1 C951 weeder blade, 3 extra C945 blades.
- No. 34: Screw adjustment, 7 C2270 2 1/4" blades.
- No. 35: One lever, 4 C915 3" blades, 1 C955 12" sweep, 1 C956 (right), 1 C957 (left) 8" weeder blades, 3 extra C945 blades.
- Nos. 36, 37, 38 and 39: Like Nos. 30, 31, 32 and 33 respectively.



The Home of Cockshutt Farm Implements

## A FULL LINE

- "Tiller Combines"
- Horse and Tractor Plows
- Grain and Fertilizer Drills
- Planters
- Disc and Drag Harrows
- Field and Garden Cultivators
- Manure Spreaders
- Binders
- Rakes
- Tractors
- Hammer Mills
- Mowers
- Hayloaders
- Combines
- Grinders
- Cream Separators
- Chore Machinery
- Wagons
- Etc.

Approximate Net Weight of Cockshutt Scufflers:

No. 10.....	67 lbs.	No. 31	70 lbs.
No. 12.....	70 lbs.	No. 32	73 lbs.
No. 14.....	100 lbs.	No. 33	77 lbs.
No. 15.....	75 lbs.	No. 34	78 lbs.
No. 16.....	80 lbs.	No. 35	75 lbs.
No. 26.....	85 lbs.	No. 36	71 lbs.
No. 27.....	64 lbs.	No. 37...	76 lbs.
No. 29.....	58 lbs.	No. 38	79 lbs.
No. 30.....	65 lbs.	No. 39.....	83 lbs.

## Cockshutt Plow Co.

Limited

Head Office and Works: Brantford, Canada  
Winnipeg, Regina, Saskatoon, Calgary  
Edmonton

Harvester Division:

## The Frost & Wood Co.

Limited

Smiths Falls Montreal Truro

Sold by

# Cockshutt

# SCUFFLERS

for  
FIELD  
and GARDEN



COCKSHUTT PLOW CO.  
LIMITED  
BRANTFORD, CANADA

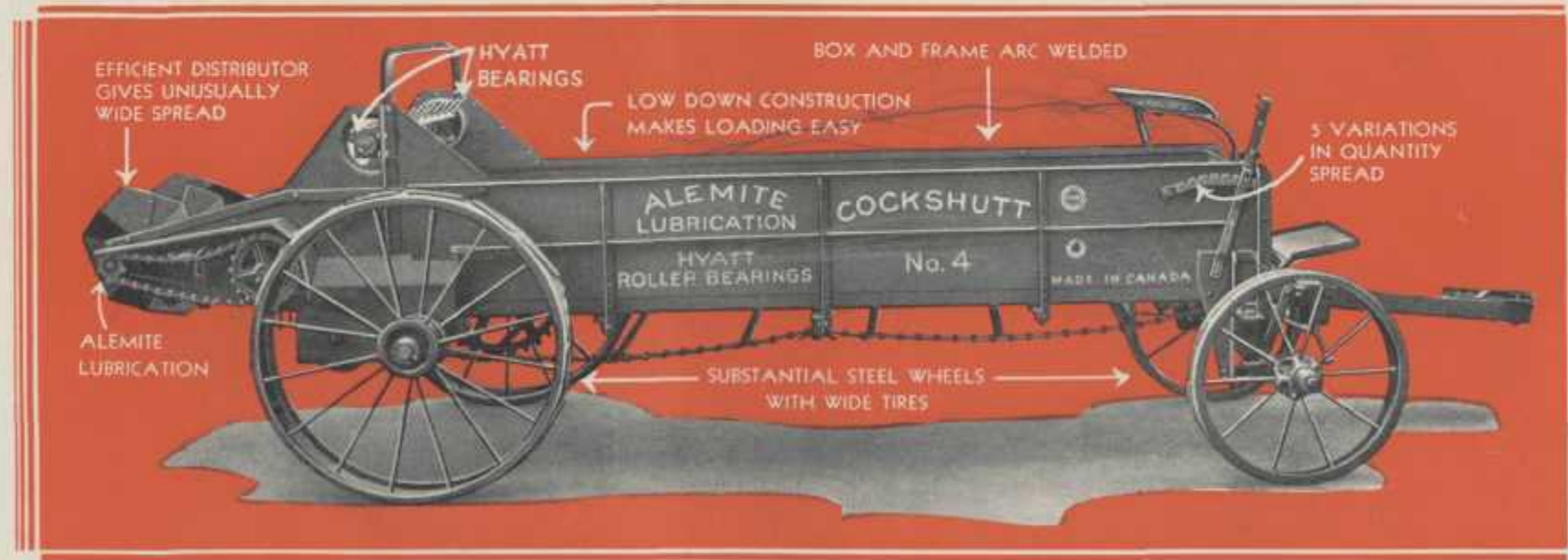


# Enrich Your Soil By the Correct Use of Your Barnyard Manure

## There's Money in Your Manure Pile!

Every crop you take off your fields uses up its share of the plant food in the soil. Unless it is returned in some form or other, your land will soon deteriorate and smaller yields will inevitably lower your profits. The cheapest and best way of building up soil fertility is to make proper use of your barnyard manure.

Careful investigation has demonstrated that the fertilizing elements of a ton of fresh barnyard manure—ammonia, phosphoric acid and potash, all of which are necessary for plant growth—are worth \$2.00—\$3.00 in the increased yields they will bring you. Manure is also rich in humus, which is equally important in the improvement of your soil.



## Spread When Fresh and Avoid Waste!

Government tests prove that failure to distribute manure promptly, results in a loss of from one-half to two-thirds of its plant food value, for a large percentage of the plant food is liquid or water-soluble. When spread immediately or plowed under, your land derives practically all the benefit to be obtained and you escape the labor of unnecessary handling such as is required to store the manure in sheds or pits. If allowed to accumulate in the barnyard, fermentation and leaching soon reduce its fertilizing value and a good part of your labor is wasted when you do eventually spread it. The most effective means of preventing such losses is to spread promptly with a Cockshutt No. 4 Spreader.

## Crops Like These Make Heavy Demands Upon the Plant Food in Your Fields



## Proper Application of Your Barnyard Manure Will Increase Fertility and Build Up the Humus Content of Your Soil





# Use the Cockshutt No. 4 Spreader ... It Will Do a Better Job!

## Hyatt Roller Bearings Ensure Light Draft

Every precaution has been taken to make the Cockshutt No. 4 a light draft spreader and the use of eight of the famous Hyatt Roller Bearings on the rear axle, upper and lower cylinders and distributor shaft makes two horses sufficient except under unusual conditions.

## Equipped with HYATT

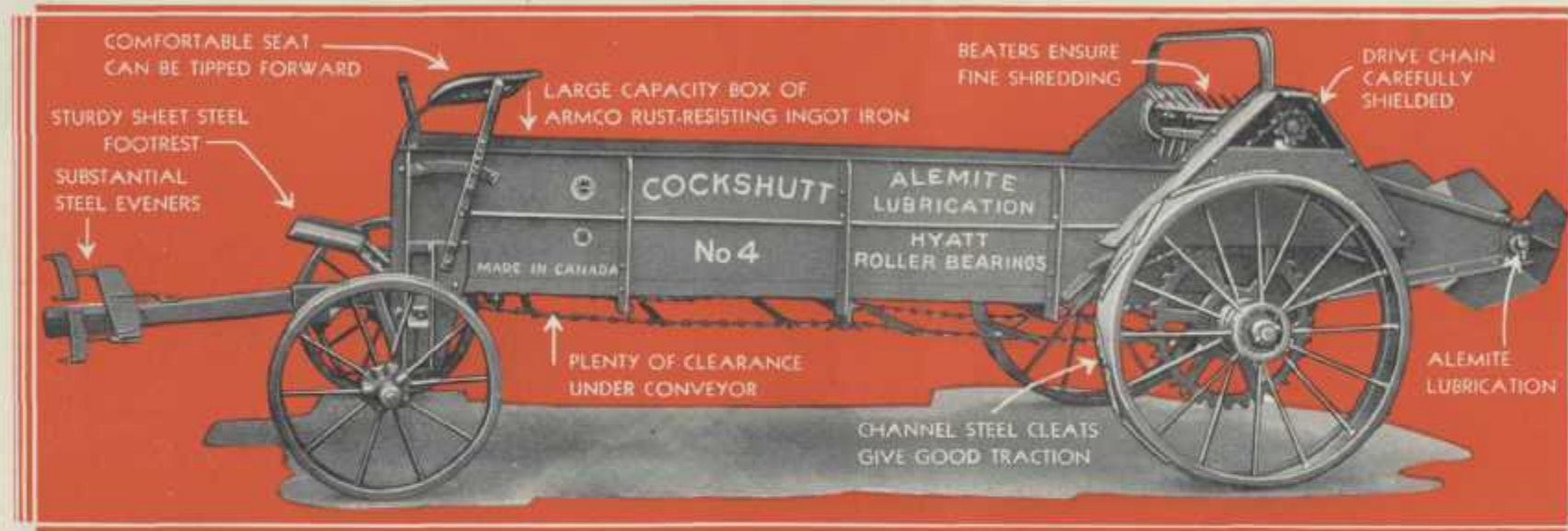


## Heavy Duty Roller Bearings

this construction, together with the electric welding of box and frame, means that the exceptional strength and rigidity necessary for use under unusually severe conditions are secured without sacrificing the important advantage of moderate weight and light draft.

## Special Rust-Resisting Sheet Metal Box

An outstanding feature of the Cockshutt No. 4 Spreader is the rust-resisting sheet metal box constructed of the famous Armco Ingot Iron. This not only overcomes the danger of shrinking,



## Electrically Welded Box and Frame

Durability is naturally an important consideration in the purchase of a Spreader. The hauling of heavy loads of manure over uneven or frozen fields is a severe test of both the strength of construction and quality of materials used in the machine. You will find that the Cockshutt No. 4 sets a new standard of satisfactory service with minimum upkeep expense. The sills and frame are of substantial steel angles, firmly braced, and

splitting and rotting, common to all wood boxes, but is also superior to ordinary galvanized sheets whose coating sometimes flakes and in time wears down to the base which then becomes subject to rust and the corrosive action of the acids in the manure. The Cockshutt box has large capacity, depending upon the state of the manure and the manner of loading, which helps to reduce the frequency of refilling.



## Low-Down Construction Makes Loading Easy

Evidence of the care and thought given throughout to the design and construction of the Cockshutt No. 4 Spreader is seen in the fact that the box is slung low so that the tiring job of loading the manure is made as easy as possible. There is, however, ample clearance beneath the conveyor so that the machine can be used without the slightest difficulty on uneven ground or high stubble. There is also plenty of free, unobstructed space between the wheels for unhampered movement in loading and substantial steel angle top rails prevent damage to the sides of the box. The seat is hinged and when desired can be tipped forward out of the way to keep it clean.

## Alemite Hydraulic Lubrication

No effort has been spared to ensure that, as far as efficient lubrication can bring about the desired result, friction and wear are reduced to a minimum. Easy operation and light draft are valuable features of this machine due largely to the use of the new Alemite hydraulic system of high pressure lubrication.

## Equipped with ALEMITE



## High Pressure Lubrication

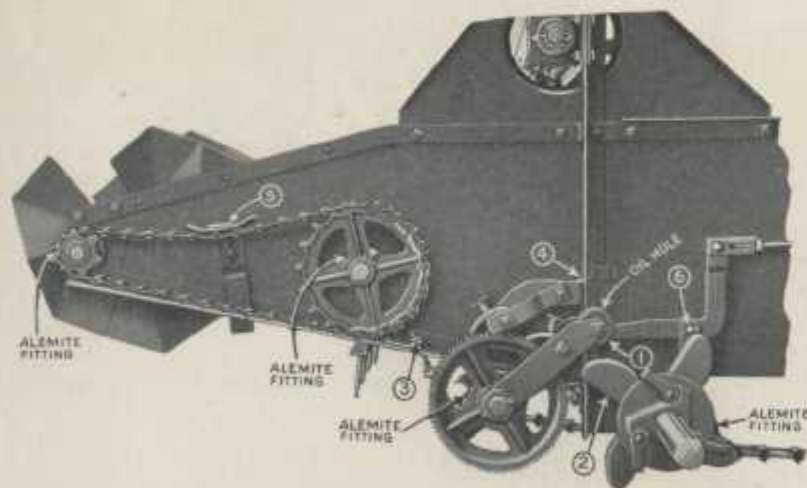


# The Cockshutt No. 4 Spreader Has Exclusive and Valuable Features

## Drive and Feed Mechanisms

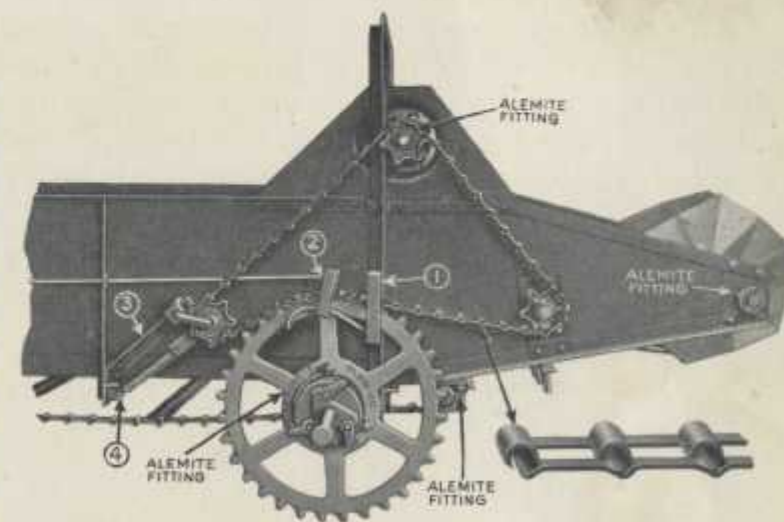
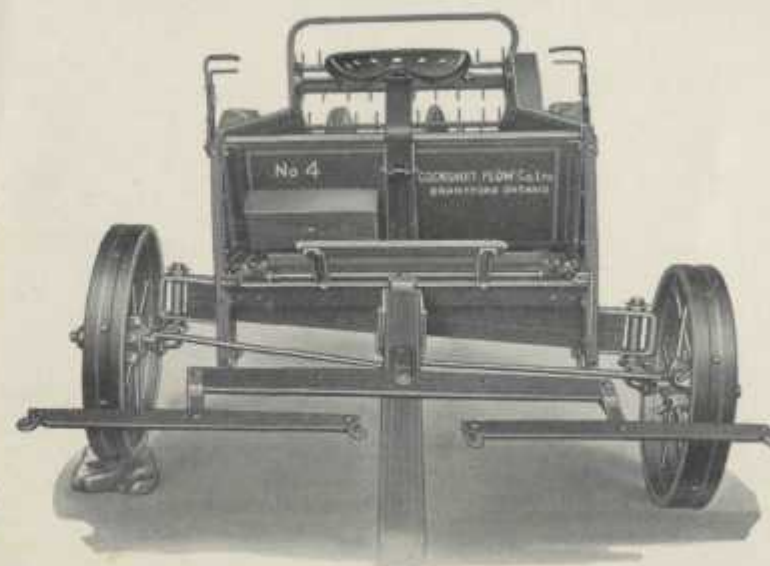
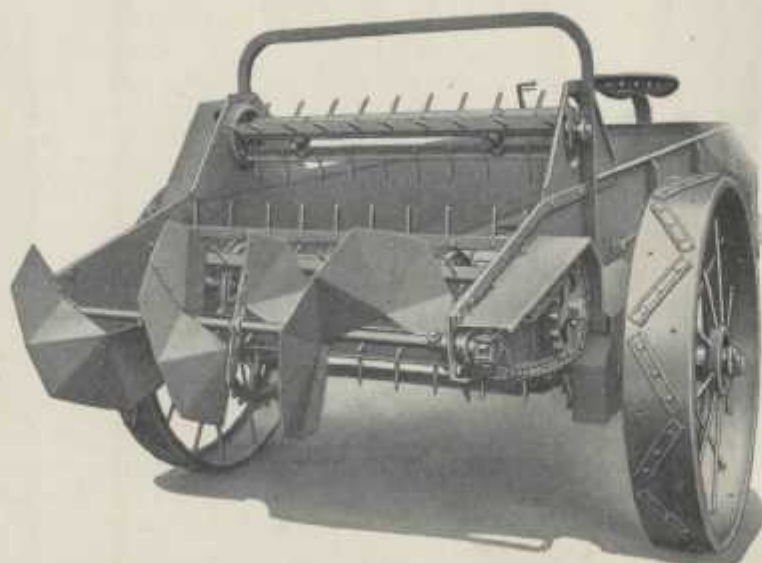
The illustrations to the right and left give an excellent idea of the simple, efficient drive mechanism which operates the cylinders or beaters, and the distributor, and of the way in which the feed mechanism works from the cam on the main axle. The upper and lower cylinders, as can be seen, are operated by a substantial steel chain directly from the large sprocket on the left side of the main axle. When in gear the chain is held in place and made to mesh with the teeth on the drive sprocket by a spring tension tightener. When out of gear, the chain is raised from the sprocket by means of a convenient lever at the left of the operator. The distributor is driven by means of a sprocket and chain on the right end of the lower cylinder shaft. A convenient chain tightener is provided.

The uniformity and evenness of distribution characteristic of the Cockshutt No. 4 Spreader results largely from the smooth, steady movement of the conveyor. The roller, (1) in the illustration to the left, glides over the cam, (2), without any sudden shocks, operates the ratchet wheel and the conveyor, which consists of steel angles rivetted to two endless steel chains, moves back over the bottom of the box smoothly and without jerking, carrying the manure to the cylinders and distributor in a steady supply. A tightener is provided for each conveyor chain. The feed adjusting lever at the right of the operator can be set so that the machine distributes 4, 8, 12, 16 or 20 loads per acre, according to whether light, or heavy spreading is desired.



## Wide, Uniform Spread

The business end of the No. 4 Spreader is shown in the rear view at the right, illustrating the substantial steel arch, the upper and lower cylinders and the very efficient distributor. The upper cylinder consists of three and the lower cylinder of six steel angles around a central shaft carried in Hyatt roller bearings. The pointed steel teeth are inserted through one side of these angles and rivetted to the other side. They shred the manure and pulverize all lumps. Cone-shaped twine shields of galvanized iron on the lower cylinder shaft effectively prevent the winding of trash. The continuous distributor consists of right and left sections, each of four pieces of heavy sheet steel rivetted together and to the malleable arms on the shaft. It spreads the finely shredded manure uniformly and evenly over an unusually wide strip so that maximum efficiency is obtained from its use.



## Adjusts Itself to Uneven Ground

See at the left how the Cockshutt No. 4 Spreader adjusts itself to the unevenness of the ground. The simple, sturdy design of the floating front axle gives "knee action", which prevents tipping of the box and relieves it of the twists and strains that would otherwise be put upon it. Unusually short turns can be made when desired.

## Other Features

Note the handy sheet steel tool box and the substantial, wide footrest. Sturdy two-horse steel eveners as shown are regular equipment, but for exceptional conditions three- or four-horse steel eveners can be supplied. See the substantial, wide, steel wheels. The front ones have grooved tires while the rear or drive wheels have heavy channel steel cleats to ensure good traction.



# The Name "Cockshutt" Guarantees Quality

You naturally look for efficient work from a **new** spreader, but your estimate of the real value of the machine depends upon **how long it will continue to do a first-class job.** You can buy a Cockshutt No. 4 with absolute confidence, for the inbuilt quality associated **with** the Cockshutt name ensures you many years of satisfactory service. This Spreader combines the highest grade materials with improved design and skilled workmanship to form a machine outstanding in construction, performance and durability.

## Your Next Spreader Should Be a Cockshutt No. 4 Because:

- 1 It Is Easy to Load:—** The low-down construction lightens the work of filling the box.
- 2 It Has Large Capacity:—** The box is wide and deep so as to carry a good load at each filling.
- 3 It Is Simple to Operate:—** The drive and feed mechanisms are simple, rugged and of few moving parts.
- 4 It Gives Wide, Uniform Spread:—** The manure is finely shredded and pulverized and distributed evenly to give best results.
- 5 It Is Light in Draft:—** Steel construction and the use of Hyatt Roller Bearings and Alemite Lubrication make this a really light draft machine.
- 6 It Is Durable:—** All parts are built for long service. The box is of Armco Rust-Resisting Ingot Iron.

When you realize that the true cost of any machine is the original purchase price **plus the repair expense** throughout its lifetime, you'll appreciate the fact that the sturdy steel construction of the Cockshutt No. 4 Spreader keeps repair bills down to an absolute minimum.



The Home of Cockshutt Farm Implements

## A FULL LINE

"Tiller Combines"  
 Horse and Tractor Plows  
 Grain and Fertilizer Drills  
 Corn Planters, Transplanters  
 Disc and Drag Harrows  
 Field and Garden Cultivators  
 Manure Spreaders

Binders	Mowers	Rakes
Hayloaders	Tractors	Combines
Threshers	Cream Separators	
Hammer Mills	Grinders	
	Wagons, etc.	

**SPECIFICATIONS OF No. 4 SPREADER**  
 Approximate Net Weight.....1,350 lbs.  
 Eveners—Regularly equipped with 2-Horse Steel Eveners. 3-Horse or 4-Horse Eveners can be supplied.  
 Feed Range—4, 8, 12, 16 or 20 Loads per Acre.  
 Capacity—Varies according to loading and state of manure.

## Cockshutt Plow Co. Limited

Head Office & Works, Brantford, Ont.  
 Winnipeg Regina Saskatoon  
 Calgary Edmonton

Harvester Division:  
**The Frost & Wood Co.**  
 Limited  
 Smiths Falls, Ont.  
**Frost & Wood Quebec, Limited**  
 Montreal, P. Q.  
**Frost & Wood Maritime, Limited**  
 Truro, N. S.

# Cockshutt

## NO. 4 Steel SPREADER



**COCKSHUTT PLOW CO.**  
 LIMITED  
 BRANTFORD - ONTARIO



# Fifty Years of Binder Experience

AT HOME AND ABROAD, IS WELL REFLECTED IN THE OPINIONS REPRODUCED ON THIS PAGE - ASK ANY OWNER

## FROM EASTERN CANADA

Hampshire, P.E.I.,  
Oct. 9th, 1928.

The Frost & Wood Company,  
Truro, N.S.

Dear Sir:

I have recently purchased a Frost & Wood Binder, No. S from your agent at Charlottetown. This being the third binder I have purchased I thought you would be interested in knowing that I find yours superior, as it is lightest in draught, easiest to operate, neatest in appearance, and give best satisfaction.

Wishing the company all success.

I remain,

Yours truly,

(Signed) STEPHEN ACKLAND.

## A COMPARATIVE TEST BY THE SOVIET GOVERNMENT

The North Caucasian Agricultural Experiment Station carried out in 1928 tests of horse sheaf binders with 6 feet width of cut, manufactured by following firms:

1. The sheaf binder of the firm.....(Canada) revealed at the test a series of positive as well as of negative qualities. On the whole, the performance of this machine may be termed as satisfactory.

2. The sheaf binder of.....(Germany) put into circulation in 1926, appears as a copy of that of.....with but a few partial modifications, introduced by the German works.

Some deficiencies, revealed during the testing process, and concerning the constructive execution as well as the quality of the material used for its manufacture, lower the worth of the investigated machine.

3. The sheaf binder of the FROST & WOOD works deserves attention in the respect of design as well as in that of execution. The easiness of work, the irreproachable binding of sheaves, satisfactory conditions for lubricating the working parts, subject to friction, an easy access to the levers—all that puts into light the positive qualities of the given machine.

## FROM WESTERN CANADA

Irma, Alta.,  
Nov.. 9th, 1928.

Cockshutt Plow Company, Ltd.,  
Edmonton, Alta.

Dear Sirs:—

The No. 5 Binder purchased by us this fall has given excellent satisfaction in every way. I cut 130 acres of sweet clover which had a rank growth, and the binder handled it without a particle of trouble.

I have no hesitancy in strongly recommending this machine to anyone wanting a binder that will cut any kind of crop.

Yours truly,

(Signed) H. W. LOVE.

## FROM THE EASTERN STATES

Berwindale, Pa.,  
Oct. 2, 1929.

Eureka Mower Co.,  
Utica, N.Y.

Gentlemen:—

I set the Frost & Wood Binder up and put it to work on my farm. My old one was nearly worn out. Since I used the Frost & Wood, the old one was not so good. I cut 26 acres of wheat, 10 acres of rye, 24 acres oats, and I think it the best I ever worked. There were several farmers come to see it work. They all said they never seen the like of it. The reel shift has them all beat, so you are sure of doing some business next year.

Yours very truly,

(Signed) NELSON V. HUNTER.

## A COMPETITIVE TEST IN SOUTH AFRICA

Durban, South Africa.

Dear Sirs:

"We are glad to report that among the Binders we sold is one for Mr. M. L. de Souza M.P. for Lydenburg, and one for Mr. M. de Souza, Secretary of Lydenburg Co-operative Society.

We would also like to mention that orders for these Binders, as well as further ones pending, are largely due to the fact that our Mr. L. C. Irvine was able to demonstrate a Binder to a large number of farmers at the Co-operative Stores, Lydenburg, on the occasion of his visit there on Friday the 14th inst. A choice was made of the FROST & WOOD Binder as against the.....the....., the....., and.....We expect further orders as a result of this."

We are sure you will be pleased at this information.

Yours faithfully,

(Signed) G. NORHT & SON, Ltd.

## FROM THE WESTERN STATES

Grand Island,  
Nebraska.

Gentlemen:—

I own one of your 8 foot Frost & Wood Grain Binders. I cut my oat crop with same, using 4 Horses cutting full width of 8 feet.

We had a competition binder in same field, on same dates, that was a 7 foot binder, which in the heavy grain did not cut more than ½ swath, I had the operator of same pull the 7 foot binder aside that I could cut around him. Can say The Frost & Wood Binder is wonderful, as a light draft implement, and will bind 100% of the grain cut.

Am well pleased with my Frost & Wood Binder and will recommend same to any one interested.

Signed

(Signed) H. G. MUELLER.

OUR ACCUMULATED KNOWLEDGE OF NEARLY A CENTURY OF CONTINUOUS MANUFACTURE OF FARM IMPLEMENTS

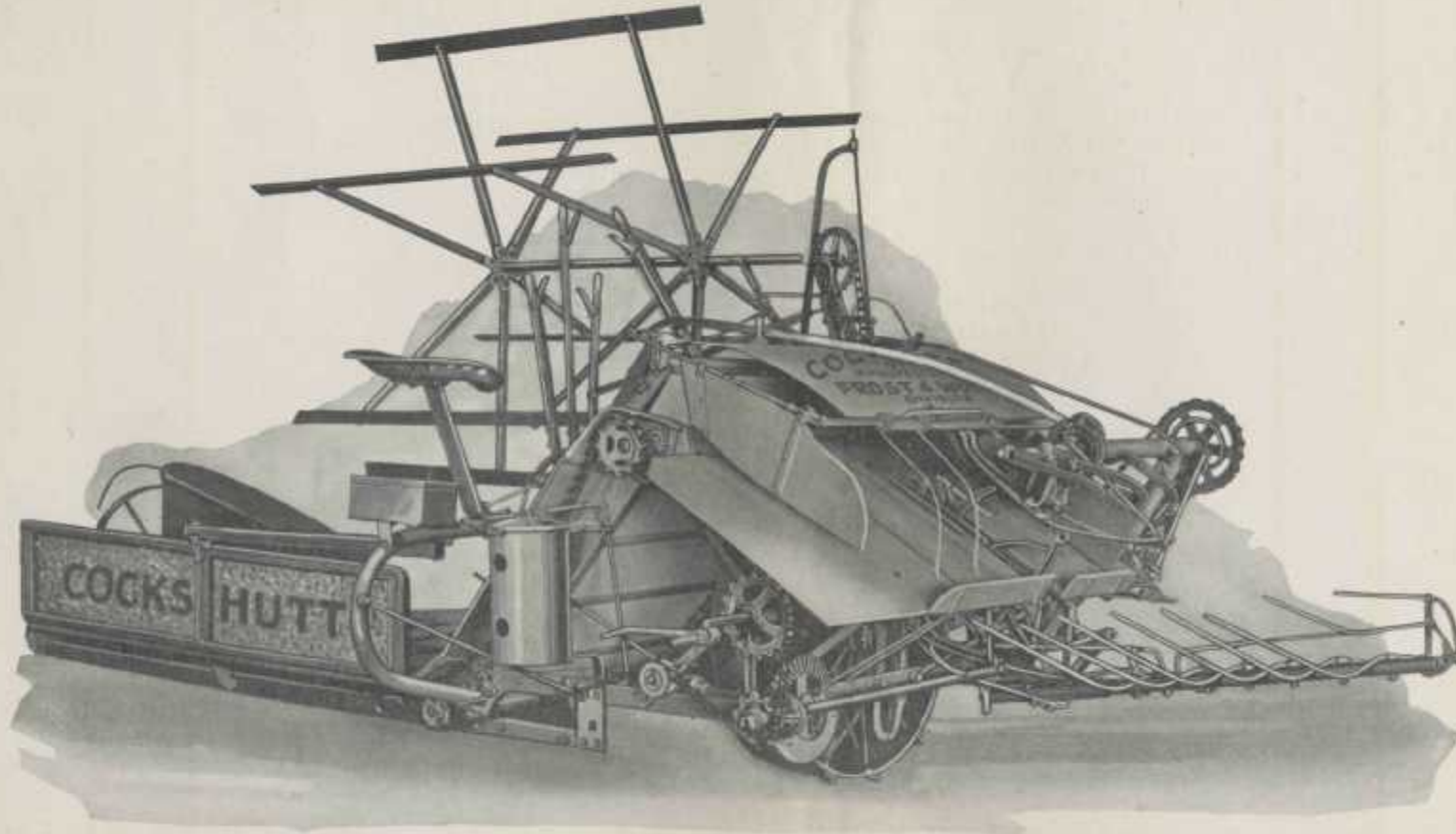
# Is Your Assurance of Quality



# COCKSHUTT - FROST & WOOD

IF YOU HAVEN'T SEEN OUR **NO. 6** YOU HAVEN'T SEEN THE BEST

**BOTH  
DRIVE WHEEL  
AND  
GRAIN WHEEL  
HAVE  
REMOVABLE SLEEVE  
AND  
ROLLER BEARINGS**



**Tongue Truck**

The history of our Binders has been a story of continuous progress for over fifty years, each successive year showing improvements over the preceding one. Many of these changes have not been of a very visible nature, consisting of higher qualities of material, improved methods of manufacture, and slight modifications of design that would hardly be noticed; yet all have played their part in making the "New" Binder better than the "Old", because for every change however slight there has been a sound reason that can be expressed in one word "improvement."

Binders from the Frost & Wood Plant have never taken a secondary place, they have ALWAYS been favorites because farmers throughout the world learned long ago they could safely depend on them.

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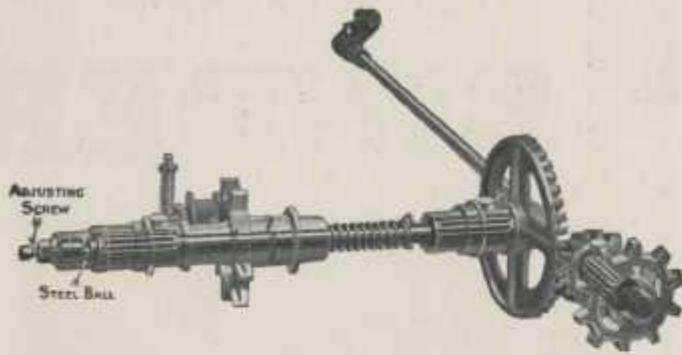
**DURABILITY & EFFICIENCY ARE BUILT INTO THEM**

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# Now is the time to get full particulars

## See our Agent



### The Cross Shaft

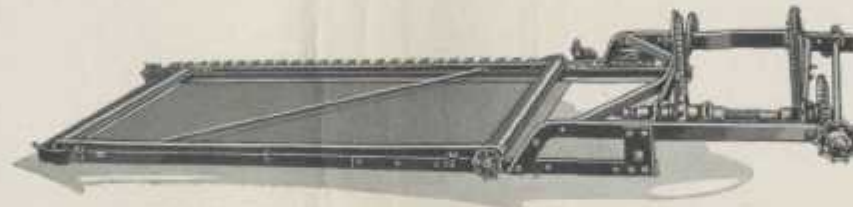
On our Cross Shaft, we use oversize Roller Bearings located so as to be as nearly "dirt proof" as possible. Large oil cups over each provide for thorough lubrication. An adjusting screw at end of shaft makes provision for keeping gears in perfect mesh at all times.



### Packer Arms

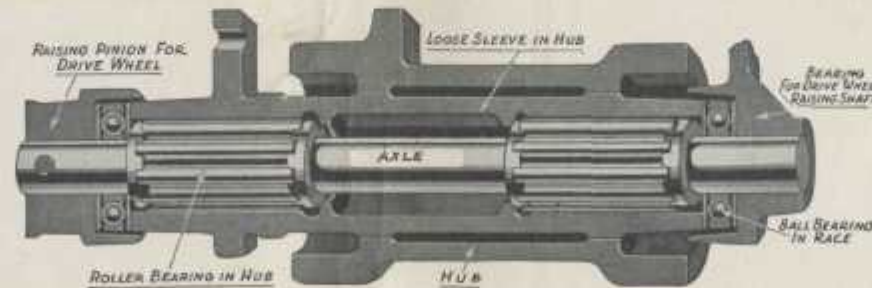
Provision is made for constant lubrication of the busy packer arms by means of large Grease Cups; we also provide Hardwood boxings to assure minimum wear and cheap replacement. The Packer Shaft is of forged steel.

All binders look more or less alike at a casual glance, it is only when they are carefully examined and compared point by point that the reason for the differences in efficiency and durability are apparent. No ONE or TWO good features will make a good binder, as one weak feature quickly counteracts ALL the good ones. Choose your Binder carefully, see that it not only has all the good features, but has a good record for durability—Ask the farmers who have been using that make for years.



### Frame and Platform

Ours is not only a strong frame, but a particularly rigid one, made so by the Z Bar construction, and the diagonal brace shown in the illustration. A true rigid platform is an important factor in the smooth operation of a binder.



### Axle and Bearings

The picture tells the story, and illustrates very nicely one of the reasons our binders are so light draft. The loose sleeve in the Hub provides for cheap replacement



### Binding Attachment

The evenly spaced Packer Arms feed evenly and squarely to the Knotter. Hinged deck boards, adjustable Buttor board, and inclined Header board, hold and shape the sheaves while they are securely tied—No loss of grain through poor sheaves.



### Full Floating Elevators

The elevators are built square, and braced to stay that way by a heavy diagonal brace. Upper elevator is full floating, automatically adjusting to heavy or light crop. Both elevators over reach platform apron in front providing ample clearance.

# KNOWN THE WORLD OVER FOR THEIR GOOD QUALITIES



# It's The Heart

The  
Frost  
&  
Wood  
Knotter



Simple  
Dependable  
and  
Adjustable

# of The Binder

The Knotter is a small, but vitally important part of the Binder. This famous Knotter has stood the test of time and all sorts of conditions throughout the Agricultural world, and has never been surpassed. Note the simple yet rugged construction—nothing complicated—only two adjustments.

## EXPERIENCE

Is the best teacher. The experience of owners in territories widely separated, operating under greatly varied conditions, shows plainly that our Binders have given the best of satisfaction, and are real "all round" Binders that can be depended on anywhere—read what they say about it. No mistake can be made taking advantage of the widely scattered experiences expressed in the letters reproduced elsewhere in this folder, you can safely follow the lead of those who have found by experience the Best Binder to buy.

## DEPENDABLE FARM IMPLEMENT'S

### Standard Equipment

Two smooth Knives. Pole. Neckyoke and three Horse Steel eveners on 5 ft. 6 ft. 7 ft. sizes. Tongue truck and four horse steel eveners on 8 ft. Binder. Outside reel support on 7 ft. and 8 ft. Binders.

### Extra Equipment

Outside reel support on 6 ft. Binders. Rear or Side drop Sheaf Carriers. Tongue truck on 6 ft. and 7 ft. Binders. Transport truck. Flax buncher. Direct Tractor Hitch. Pole end attachment for Tractor. Canvas Covers for Binders. Extension Divider.

### Optional Equipment

One serrated and one smooth Knife, instead of two smooth Knives as regularly supplied.

### Approx. Weights

5 ft. Binder.....	1700 lbs.
6 ft. Binder.....	1740 lbs.
7 ft. Binder.....	1824 lbs.
8 ft. Binder.....	2054 lbs.

SOLD BY  
Cockshutt-Frost 6c Wood  
Agents  
THROUGHOUT CANADA

Manufactured By  
The Frost & Wood Co. Ltd.  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
Cockshutt Plow Co. Ltd.  
BRANTFORD, CANADA

# THE BINDER

OF

FEW

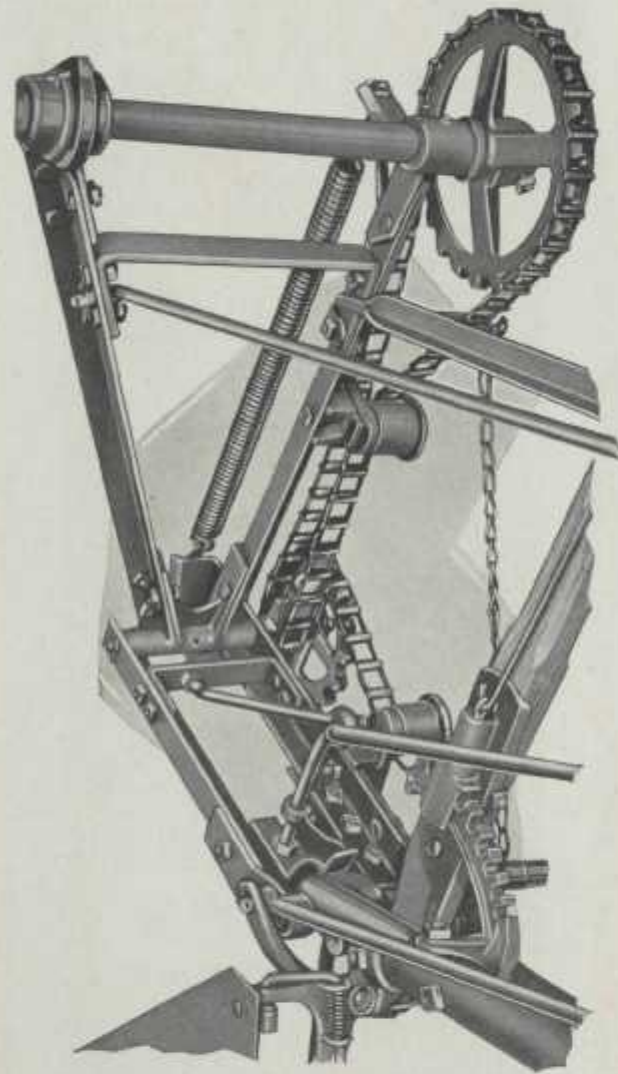
REPAIRS

FOR ECONOMY

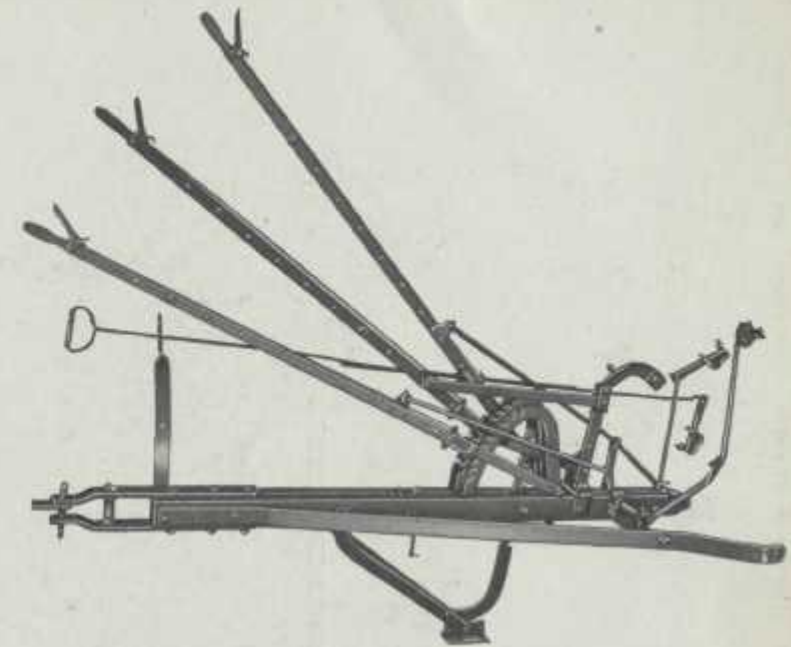


# YOU CAN DEPEND ON A FROST & WOOD

## Ask Any Owner About It



**ANGLE STEEL  
REEL SUPPORT**



### For One Man Control

The above illustration shows the convenient arrangement of the levers when the binder is equipped for ONE MAN CONTROL. Within easy reach from the tractor seat, the levers are so located that there is no interference by the tractor when making short turns.

### Angle Steel Reel Support

Note carefully the design and construction of the Frost & Wood Reel support. Built of steel, scientifically trussed for rigidity, it provides the maximum strength with the minimum weight and insures against sagging or springing when the reel is in operation.

Careful attention to detail is a characteristic of Frost & Wood construction.

Cockshutt Plow Co. Ltd.  
Winnipeg, Man.

Lampman, Sask., August 13, 1929.

Gentlemen:—

This season I bought a 10 ft. Frost & Wood Binder from the Cockshutt Plow Co. Agent. Have already cut 100 acres of barley and it is as tough a field as I ever put a Binder in. This Binder could not have done better work in any way. Anyone wanting a power binder can not go wrong in buying a Frost & Wood.

Yours truly,  
(Signed) Mike Bezuglay.

Glenboro, Man., August 7, 1929

Cockshutt Plow Co. Ltd.,  
Winnipeg, Man.

Dear Sirs:—

I have been using one of your new ten foot Power Binders, purchased from your agent at Glenboro and must say it is one of the smoothest running binders I have ever used and can recommend it to any intending purchaser.

Yours truly,  
(Signed) W. B. Coates.

Wapello, Iowa, August 3, 1929.

Rock Island Plow Co.,  
Rock Island, Ill.

Gentlemen:—

Having bought the first or one of the first Frost & Wood Power Binders of you this year, I am sure you would like to know how I got along. I had 150 acres to cut and on the last 53 acres of wheat my son, Rex, cut it alone in twelve hours. Everything worked perfectly and as far as I could find out from the shockers there was only one bundle missed in tying. (If it is customary for farmers to kick on missing one bundle, you can class me in style. Ha!).

The field that you took the pictures in made 33 bushels per acre. I have farmed for 24 years and have raised wheat that made more per acre but I never had a field that had more straw. Two thirds of the time the bundle trip was open.

I am satisfied.

Yours truly,  
(Signed) H. A. Miller

North Battleford, Sask., September 4, 1929.

Cockshutt Plow Co. Ltd.,  
Saskatoon, Sask.

Gentlemen:—

Recently I purchased a Frost & Wood 10 ft. Tractor Binder and I must say that I am well pleased with it.

In cutting 250 acres of wheat, I attained an average of about 38 acres each of the six cutting days it took me to finish. I believe this binder is one of the lightest running machines on the market, for I had plenty of power to pull the binder with my 10-20 Tractor. Summer fallow wheat was thick on one field, yet I was able to pull the binder without difficulty. In lighter crops I was able to pull the binder on level land, in high gear, but I found out that the binder worked best when pulled in the intermediate gear. This binder makes excellent sheaves.

I believe if I ever wish to buy another binder I would invest in a Frost & Wood.

Yours truly,  
(Signed) Mike Sawarin.

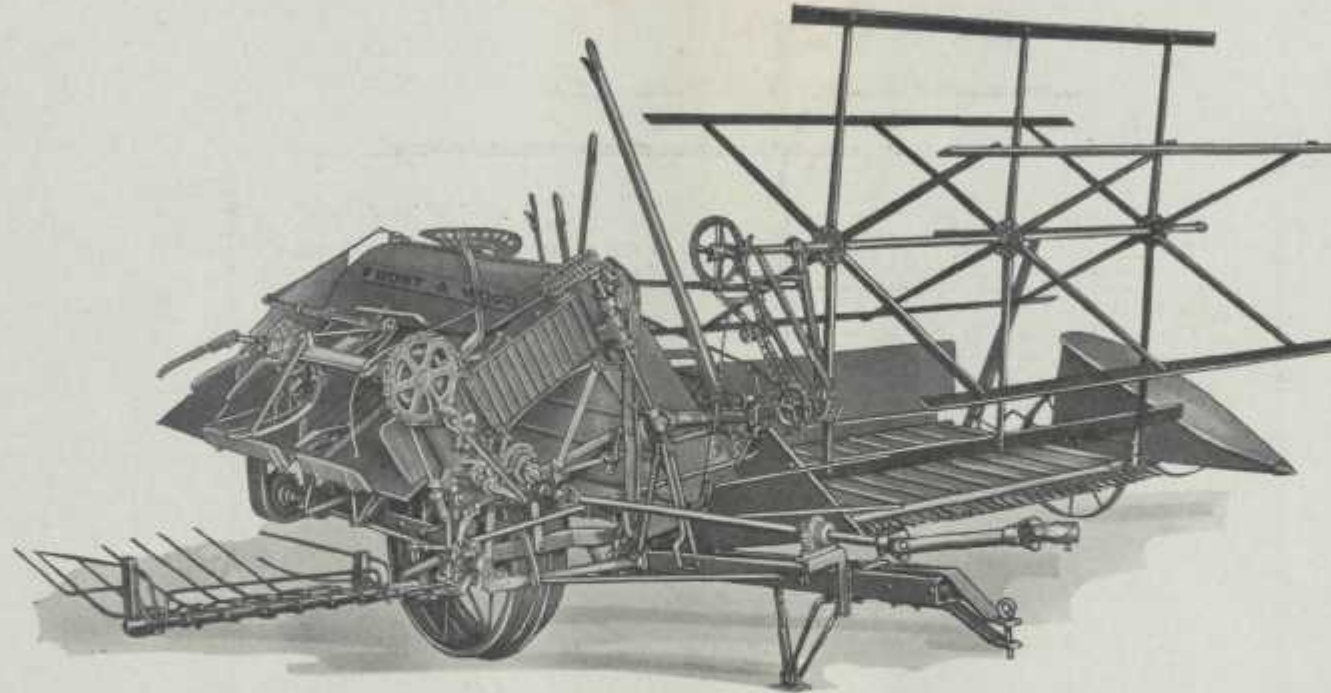
# STUDY ITS FEATURES POINT BY POINT



# COCKSHUTT - FROST & WOOD

## TRACTOR BINDER

**WILL  
CUT  
YOUR  
CROP**



**AND  
CUT  
YOUR  
COSTS**

Tractor Binders can be supplied equipped either for two man control as illustrated above, or for one man control by including the lever equipment illustrated on first page of this folder.

Unless otherwise specified on order, Binders will be shipped equipped for **TWO MAN CONTROL** as shown in above illustration.

Tractor Binders are built in two sizes, an 8 ft. cut. and 10 ft. cut.

**THE SPEED AT WHICH YOU CAN CUT YOUR CROP IS OFTEN IMPORTANT**

The Frost & Wood tractor binder has been designed and built expressly as a TRACTOR BINDER and is not merely a horse drawn binder adapted to tractor use.

The greater working speeds and continuous strains encountered in tractor use have been fully provided for, while still retaining the principles of design and construction that made our horse binders such an outstanding success.

Cost of harvesting is a very important factor in determining farm profits, while speed in harvesting, in many seasons, prevents serious loss when weather conditions are unfavorable, and in both these respects the "Frost & Wood" will be found efficient and effective.

Canvas specially woven for the purpose is used on our binders, all canvases being hand made and carefully inspected, will give excellent wear, and freedom from trouble if properly adjusted. We NEVER use cheap canvas.

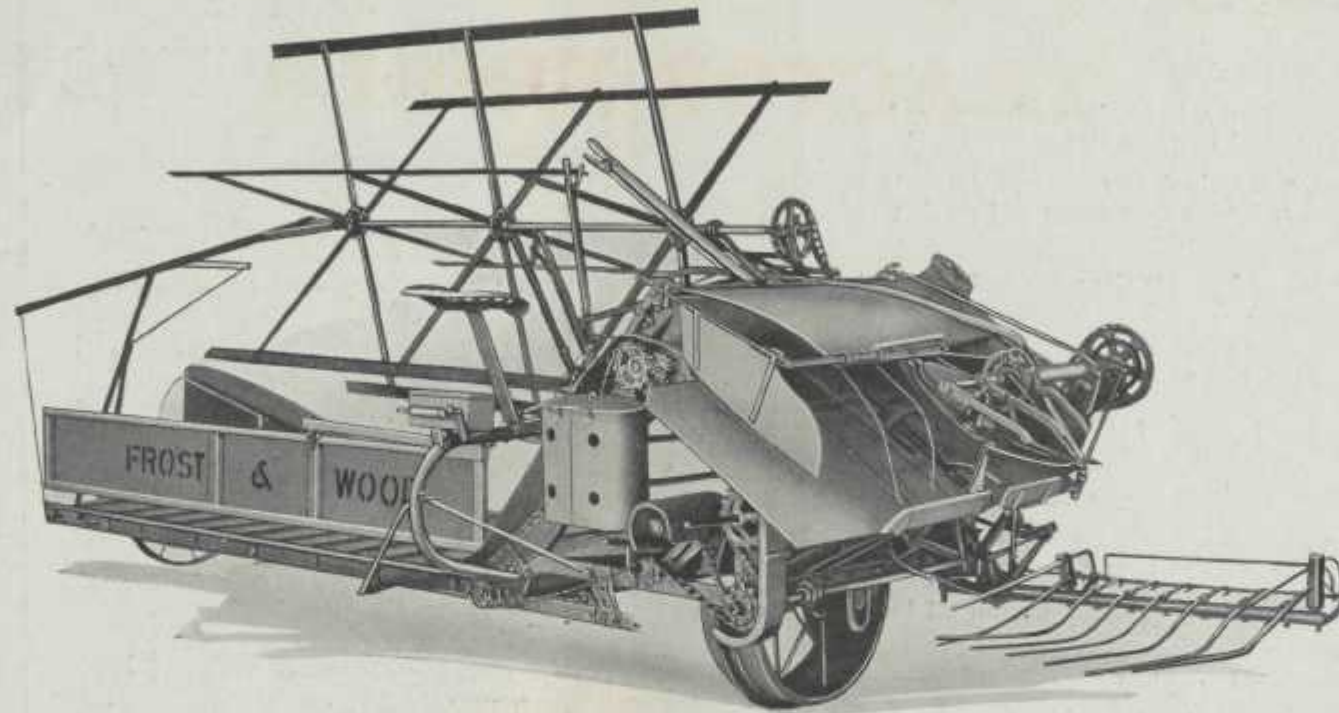
The specifications, given in detail elsewhere, show pretty plainly that this binder is designed and built to WORK and WEAR. Careful engineering and construction is evidenced throughout while the quality of materials is of the highest standard.

**NOTHING HAS BEEN SLIGHTED, READ ALL ABOUT IT ON BACK PAGE**



# YOU OWE YOURSELF A LOOK AT THIS BINDER

**42  
Hyatt  
Roller  
Bearings  
Reduce  
Friction**



**Alemite  
Zerk  
Fittings  
Assure  
Perfect  
Lubrication**

## **A Light Draft Binder**

Lightness of draft is a very important consideration either in a horse drawn binder or a tractor binder, for power costs money no matter from what source it is obtained.

Frost & Wood binders do not obtain their light draft quality from light weight, as a matter of fact they are heavier than others, as we fully realize that strength is vitally important, but from the perfect balance obtained through Frost & Wood design, and further helped by the liberal use of Hyatt Roller Bearings (42 of them) and thorough lubrication assured by the Alemite Zerk system.

Convenience of operation is another outstanding feature of these binders, they are not "man killers", proper balancing of moving parts making operation of levers easy work and at the same time lessening wear and tear.

The fact that the drive on a Frost & Wood binder is practically a straight line transmission instead of angular, is a factor in lightening the draft and lessening wear and tear. The straight line pitman also plays its part in this respect, while the main wheel equipped with double roller bearings and end thrust ball bearings reduces traction friction to a minimum.

Horses will tire and must be rested occasionally no matter how urgently speed in cutting is required. With a Tractor Binder you cut right ahead regardless of heat, rolling land, or other "slowing up" conditions that affect horses, and this, coupled with the extra cutting width, makes a big difference in work accomplished in a day's run.

Special Power Drive Parts are available to fit many different makes of Tractor, so that connecting up to the Binder is not a complicated job. All connections are designed for efficiency and simplicity and are easily and quickly made. Any of our Agents will gladly supply you with full particulars.

# IT WILL SAVE HOURS OF VALUABLE TIME



## Special Frost & Wood Features

**Main Frame** extra strong steel construction rigidly braced.

**Main Wheel** "French & Hecht" extra strong 30 in. diameter, 10 in. face, with centre lug to prevent side slippage. Has double roller bearings and two end thrust ball bearings.

**Platform Frame** one continuous piece of angle steel, not spliced at corners. THIS is a feature of Frost & Wood construction. Heavy steel rod with spur gears and ratchet at outer end of platform, regulates tension of canvas.

**Straight Line Pitman** assures positive cutting action and avoids the wear and tear and loss of power common to those operating on a slant.

**Elevators** are kept absolutely square by heavy diagonal bracing, the upper elevator being of the full floating type, automatically adjusts itself to heavy or light crops.

**Reel Supports** extra strong angle steel construction, no sagging or springing under heavy work. Reel can be instantly set at any desired height for light or heavy grain.

Binding Adjustments, particularly accessible, all parts within easy reach, it is not necessary to get under the deck to reach them.

**Drive Sprocket** for binding attachment is mounted on oversize Hyatt bearings.

**Steel Rotary Butt** driven by Roller chain insures delivery of square butts on all bundles.

**Packer Arms** equipped with Hyatt roller bearings assures long life and power economy.

**Twine Can** extra large, holds four 8-lb. balls, giving plenty of twine capacity.

**Main Drive Shaft** mounted on three Hyatt bearings, practically straight to main driving sprocket of cut steel operating on high speed roller chain. No power lost through excessive angle transmission.

**Safety Clutch** of hardened steel automatically protects against breakage of parts through clogging etc.

**Power Coupling** particularly flexible of the square shaft and sleeve type. Stub pole of channel steel construction of greatest strength.

**Control Levers** can be supplied for either one man or two man control.

**42 Hyatt Roller Bearings** assure easy and quiet operation, long life, light draft and saving of power

**Lubrication.** Alemite Zerk force feed system throughout assures thorough lubrication without undue waste .

**Transport Wheels** equipped with roller bearings lighten draft and decrease wear in transportation.

## THE RESULT OF EXPERIENCE

## DEPENDABLE FARM IMPLEMENTS

### Standard Equipment

One knife. Two Man Control. Sheaf Carrier. Power drive parts for any of following tractors, Allis Chalmers 20-35. Rock Island Model F. 18-35. Hart Parr 12-24 or 18-36. Deere Model D 15-27. United. Case Model L. 26-40. Case Model C. 17-27. Wallis 20-30. Farmall.

### Special Equipment

One Man Control  
Transport Truck  
Power Drive Parts. McCormick Deering  
Tractor

### Approx. Weights

10 ft. Binder Standard Equipment .....2320 lbs.  
8 ft. Binder Standard Equipment .....2240 lbs.  
Transport Truck .....165 lbs.  
One Man Control Levers.....80 lbs.

SOLD BY  
**Cockshutt-Frost & Wood**  
Agents

THROUGHOUT CANADA

Manufactured By  
**The Frost & Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

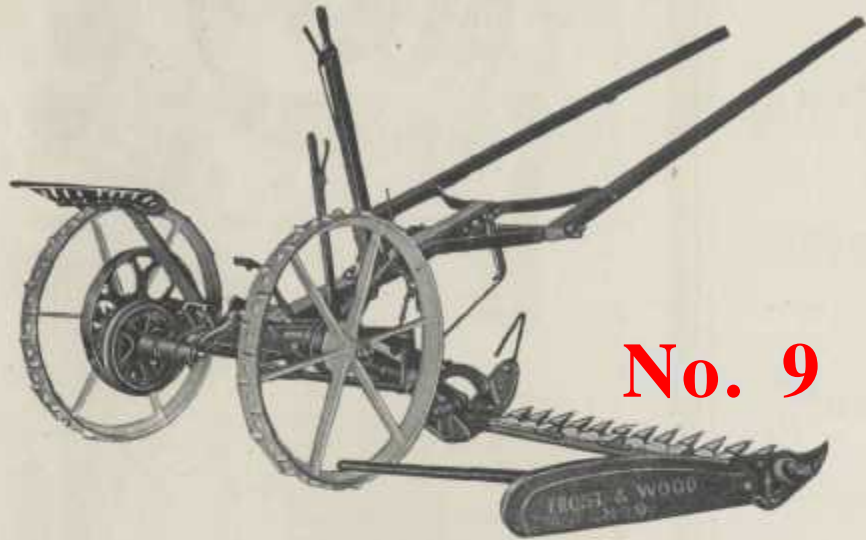
# FROST & WOOD Tractor Binder



## LIGHT DRAFT



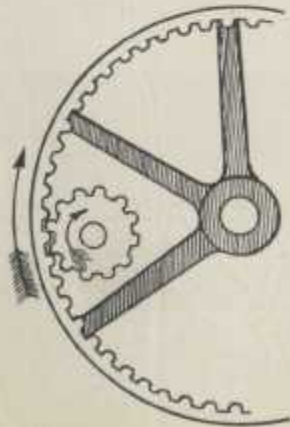
# COCKSHUTT - FROST & WOOD



**No. 9**

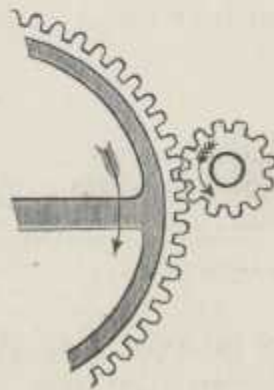
## Our Mowers

Embodying the internal gear principle, a particularly rigid frame construction and the connection between Cutter Bar and frame hanger designed to permit it to follow freely the lay of the land, the smooth operation, quick "pick up" and absence of back lash in our Mowers have made them general favorites. There is practically no waste of hay through jumpy cutter bar action on rough land. They are exceptionally free from side whipping pole action, and undue neck weight, so are very easy on horses and operator.

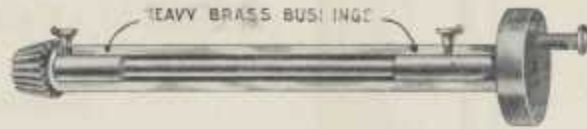


## See The Difference?

In the internal gear principle, the driving gear encloses the smaller driven gear, wraps itself around it, and engages the driven gear over a larger surface than if it were an ordinary external gear. That is the secret of the internal gear—why gears of this kind mesh so closely and wear so long. Then, again, both gears revolve in the same direction. In a Mower this helps the "pick-up" of the machine.



## Crank Shaft Bearing

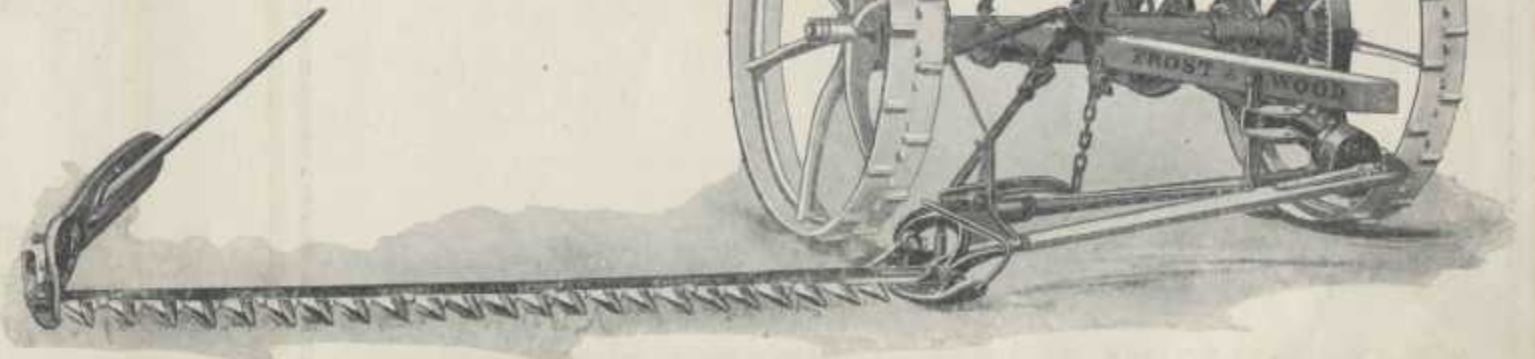


Note the extra long heavy bearings used to maintain perfect alignment, smooth operation and long life, also convenient lubricating cups.

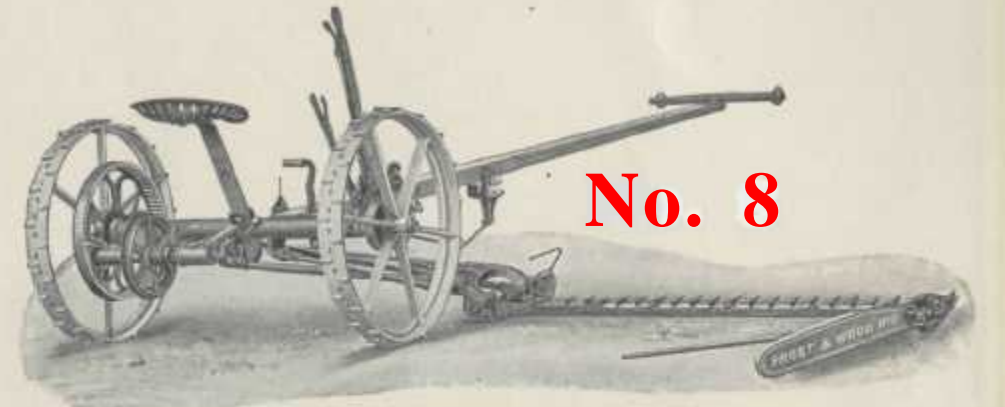
## Tongue Truck



## Giant



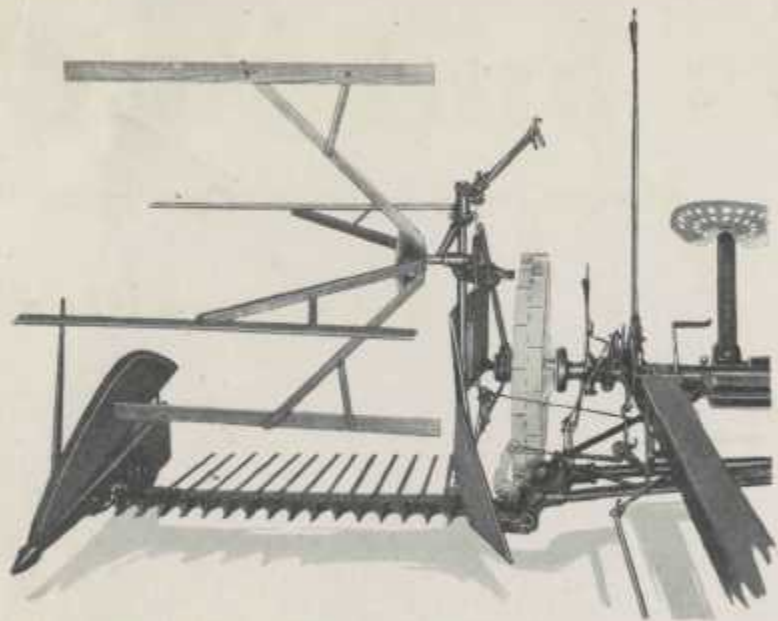
This model is recommended for the larger acreages owing to its greater capacity being built in 5 ft. 6 ft. and 7 ft. sizes. For those preferring a Tongue Truck to the regular long pole, we present the auto type quick turning truck shown in centre of page as the ideal one for this purpose.



**No. 8**

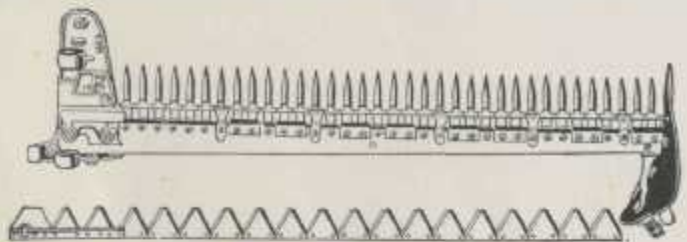
Our range of sizes takes care of practically any requirement while the range of equipment available covers a variety of uses. Any size you select, from the No. 9 one horse model shown at the left, the No. 8 shown above or the Giant shown below you are sure of real efficiency up to its capacity.





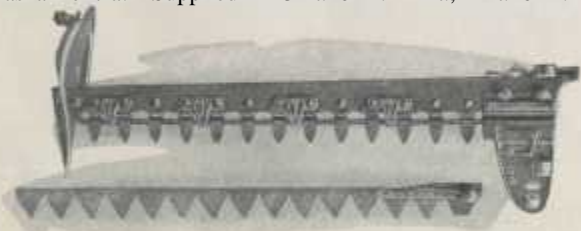
### Real Reaping Attachment

For small acreages of grain where the cost of a Binder or Reaper would not be justified, this attachment (fitted to our Mowers) saves a lot of hand labor as the grain is neatly deposited in bunches ready for binding. It is operated from the Mower seat and can be supplied to fit the Giant or No. 8.



### Special Low Cutting Bar

For Golf Courses, Parks, Estates, or other large areas where very close cutting is desired, this Special Bar is available as an extra. Supplied in 3 ft. 6 in. 4 ft., 4 ft. 6 in. 5 ft. sizes only.



### Special Brush Cutting Bar

For cutting small willows and other trash that often interfere with the breaking of new land, this special bar is available as an extra. Supplied in 3 ft. 6 in. size only.

## DEPENDABLE FARM IMPLEMENTS

### Standard Equipment

Standard lift on all Mowers  
Pole, Neckyoke and 2 H. Eveners on Giant or No. 8  
Shafts and Singletree on No. 9.

### Special Equipment

Vertical Lift on any Mower up to 5 ft.  
Tongue Truck on Giant or No. 8.  
Reel Reaping Attachment, Giant or No. 8.  
Brush Cutting Bar, Giant or No. 8.  
Low Cutting Bar, All Mowers.

### Approximate Weights

Giant 5 ft.....	702 lbs.
Giant 6 ft.....	718 lbs.
Giant 7 ft.....	731 lbs.
No. 8, 4½ ft.....	665 lbs.
No. 8, 5 ft.....	668 lbs.
No. 9, 3½ ft.....	532 lbs.
No. 9, 4 ft.....	539 lbs.

SOLD BY

**Cockshutt-Frost 6c Wood  
Agents**

THROUGHOUT CANADA

Manufactured By

**The Frost 6c Wood Co. Ltd.**

SMITH'S FALLS, CANADA

Harvester Division

of

**Cockshutt Plow Co. Ltd.**

BRANTFORD, CANADA

# PROVEN MOWERS

KNOWN  
THE  
WORLD  
OVER





# Just Study these points and judge

## for yourself !

### Compact Gears

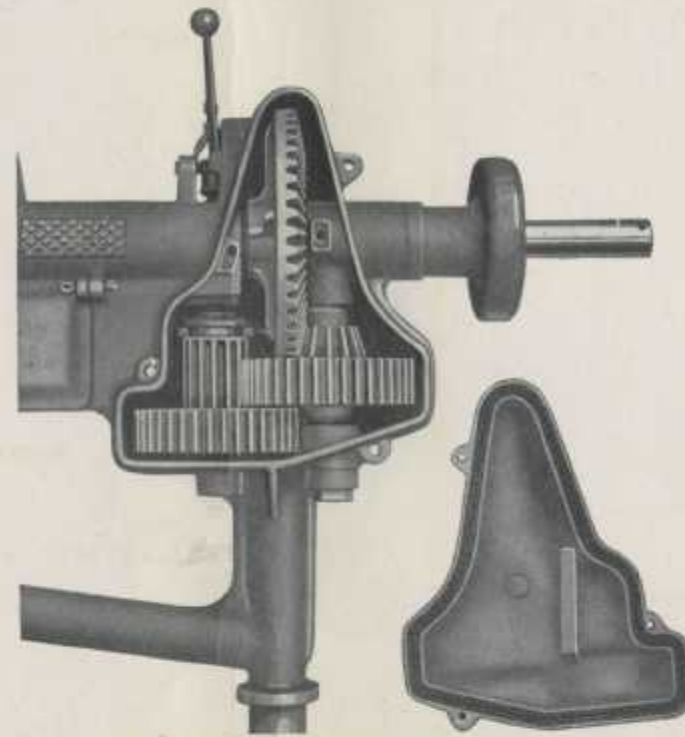
In designing our gear arrangement, we endeavored to have them take up as little room as possible, not only for appearance, but so there would be no bulky gear case in the way of the operator. That we succeeded is plainly shown by the illustration.

### Oil Economy

Most mowers on the market require a gallon of oil in the gear case for effective lubrication but to us this seemed an excessive quantity so by designing the gear case to fit the gears we not only improved the appearance, and lessened the weight, but provided efficient lubrication on a half gallon of oil.

### Oil Distribution

Together with oil economy, we have combined a very efficient system of distribution whereby the oil is positively directed to the axle housing and Roller bearings. Note the oil deflector illustrated on inside of Gear Case Cover which deflects the oil thrown by the gears down into oil receptacles over the axle.



The Gear Case

### Gear Arrangement

The final driven gear is of necessity the highest speed gear, therefore subject to the greatest strain and wear. We use a spur gear for this purpose instead of the pinion commonly used because of the longer life, more positive action and less liability of getting out of mesh—A spur gear can slip a little without doing any harm—with a pinion, "it's just too bad."

### Accessibility

With all their Compactness, the gears are readily accessible, and can be easily removed and replaced any time it should be necessary, while the only adjustment is made easily and quickly from the outside front of Gear Case. Frequent tinkering with these gears is not necessary.

### Positive Clutch

The clutch for throwing Mower in and out of gear is a "quick action" one with a twelve tooth contact, assuring a smooth almost instantaneous "pick up" when clutch lever is moved forward. There is no clashing and grinding of gears, and no adjustments to make.

# QUICK "PICK UP"—POSITIVE ACTION



# COCKSHUTT - FROST & WOOD

**IT RUNS IN OIL**

**But Only Takes ½ Gallon**



**Built With  
Standard Lift**

**Sizes**

- 4½ FT. CUTTER BAR
- 5 FT. CUTTER BAR
- 6 FT. CUTTER BAR
- 7 FT. CUTTER BAR

## No. 10 OIL BATH MOWER

The instantaneous Pick up and positive action of the No. 10 Mower will be a revelation to many and a pleasant surprise to all. There is not the slightest hesitation about the driving gears as they transmit the smooth "flowing power" to the Cutter Bar. Cutting starts with the slightest forward movement of the wheels and continues steadily and smoothly as long as the wheels are moving. This means a lot, as you are assured a clearly and evenly cut crop without the waste that is so noticeable after a poorly cutting Mower has been over the land.

The arrangement of the gears in the drive of the No. 10 Mower is an important factor in its smooth operation and we suggest that you make a careful examination of this feature, which is described elsewhere in this folder, when we believe, you will quickly appreciate the efficiency of this arrangement. The broad tired wheels with their positive grip provide a steady source of power, while the three pawls in each wheel assures one pawl in each wheel being at all times in contact with the Ratchet and keeping the gears constantly in motion.

**WITH THE SMOOTH "FLOWING" POWER**



# *Features that mean efficient work, light draft*

---

## **Safety Levers**

The new type safety levers present a feature that will find favor with everyone operating them. We have entirely discarded the old style quadrant and substituted a new device which eliminates the necessity of a detent, and lever latch. The new levers are simple, positive and have nothing about them to cause a rattle.

## **Extra High Lift**

The No. 10 has a high lift, the foot lever alone raising cutter bar high enough to clear any ordinary obstructions, while foot lever and hand lever combined give a particularly high lift, without it being necessary to throw knife out of gear.

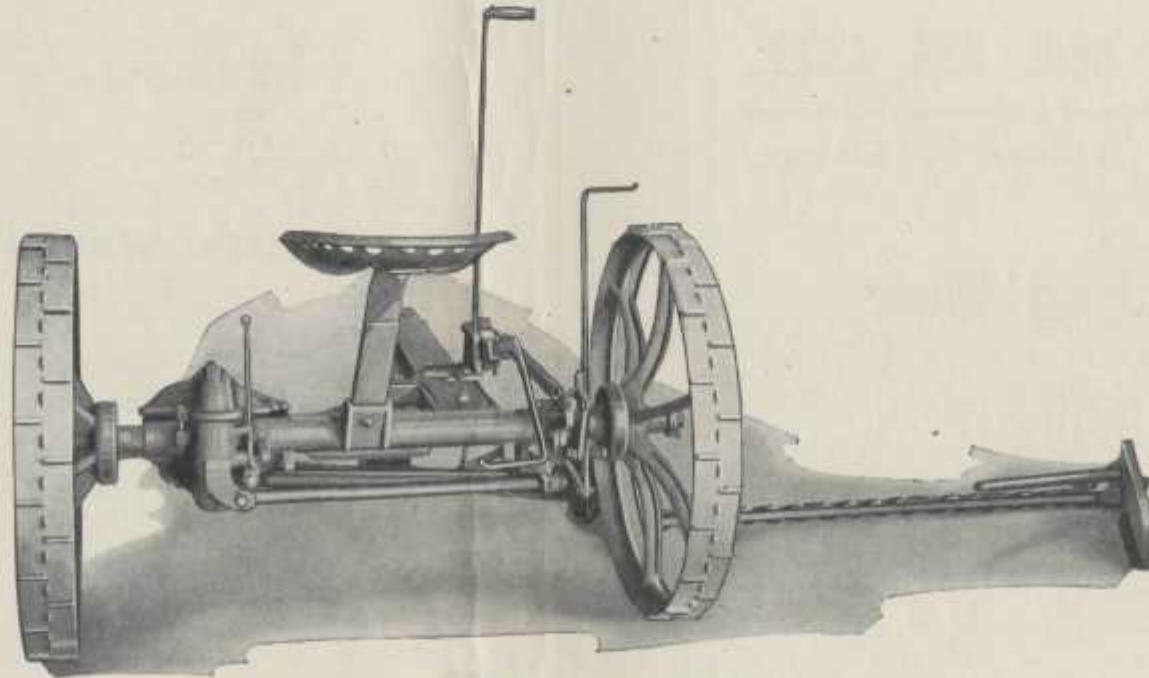
The flexibility of this Mower in operating over rough land is another outstanding feature as a height differential of 5 in. between wheel and Cutter Bar does not interfere with knife registration.

## **High Track Board**

The trackboard of the No. 10 is not only higher than the ordinary Trackboard, which makes it more positive, under some conditions, in dividing the hay, but is also fitted with a special steel shoe which assures it leaving a clear track behind it.

## *and durability*

---



## **Comfort for the Operator**

The man riding a Mower all day is entitled to some consideration for his comfort so we kept that in mind in designing the No. 10. You will be delighted with the absence of vibration and jerkiness, and the comfortable balance of the seat, as well as the elimination of noise made possible by the enclosed Gear Drive. You will also find all the controls within easy reach, and easy to operate—it sure is a "Comfortable Mower" and will make mowing the most popular job on the farm.

## **One Piece Axle**

There are **no divisions** in the axle, it is solid steel running from side to side and mounted on three large Roller Bearings automatically lubricated from the Gear Case, leakage of oil being prevented by steel enclosed leather oil seals which not only keep the oil in, but keep dust and grit out.

## **The Frame**

The Frame of the No. 10 will impress you with its readily apparent strength, yet compact and pleasing design, the large Back Brace providing continued rigidity, and correct registration of the Cutter Bar under the most severe strains. Also note the balanced distribution of weight which plays a very important part in the light draft of the Mower.

## **The Cutter Bar**

embodies a number of features that will be appreciated by the practical farmer. The Knife Head is three inches longer than used on Standard Mowers and made of "Promal" the Ball end being hardened for greater wear. It is supported below by a steel ledger plate the full width of the shoe.

Scythe Holders are steel, and a steel wearing plate is rivetted below the rear Scythe Holder to further strengthen it.

An eccentric bushing has been placed in the Inside Shoe in order to maintain correct adjustment of the Cutter Bar when wear occurs between Holder and Shoe.

Pictures and words in themselves cannot adequately tell the story, they merely give you a general idea. See the Mower itself climb into the seat and "feel" the working balance, try, out the controls noting their smooth, easy operation, then go carefully over the Mower point by point—you will then realize how well it has been designed and built.

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# **YOU WILL BE PLEASED WITH ITS QUIET OPERATION**



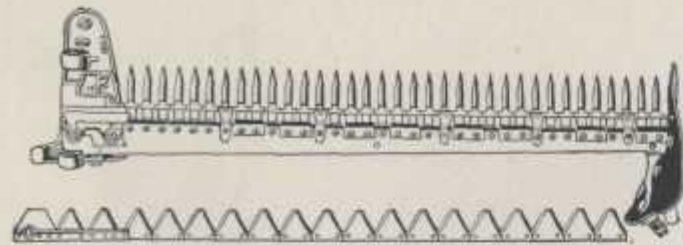
## The Automatic Pitman

This feature will be decidedly popular, as most farmers know the importance of the connection between pitman and knife head being kept at the proper tension, and the tendency at times to forget about it.



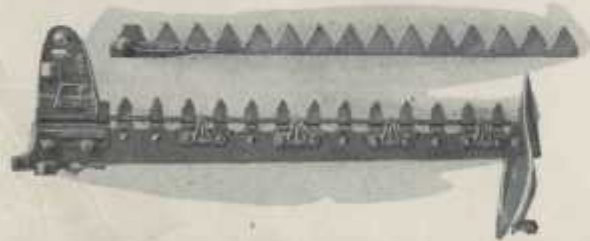
With the Automatic, the connection is maintained at the proper tension, any wear on the Ball, or jaws being "taken up" as it occurs. Changing a knife is a very simple job, merely one half turn of a cam opens the jaws, and turning it back closes them, the punch, supplied with the Mower, being used for this purpose. The Crankpin Box is fitted with a Hyatt Roller Bearing in a hardened steel outer Race which assures a minimum of friction, lubrication being by means of oil cup on top. The Crankpin is of hardened steel.

## Special Low Cutting Bar



For Golf Courses, Parks, Estates or other large areas where very close cutting is desired, this special Bar is available as an extra. Supplied in 3 ft. 6 in., 4 ft., 4 ft. 6 in., 5 ft. sizes only.

## Special Brush Cutting Bar



For cutting small willows and other trash that sometimes interferes with the breaking of new land, this special Bar is available as an extra. Supplied in 3 ft 6 in. size only.

## DEPENDABLE FARM IMPLEMENTS

### Standard Equipment

Pole, Neckyoke, and 2 H. Eveners. Two Knives.

### Special Equipment

Tongue Truck.  
Brush Cutting Bar.  
Low Cutting Bar.  
Reel Reaping Attachment.

Vertical lift on 4½ and 5 ft. Mowers

### Approximate Weights

4½ ft. Mower	762 lbs.
5 ft. Mower	769 lbs.
6 ft. Mower	782 lbs.
7 ft. Mower	795 lbs.

### Reel Reaping Attachment

For small acreages of grain where the cost of a Binder or Reaper would not be justified this attachment saves a lot of hard work as the grain is neatly deposited in bunches ready for binding. It is operated from Mower Seat.

SOLD BY  
**Cockshutt-Frost & Wood**  
Agents  
THROUGHOUT CANADA

Manufactured By  
**The Frost & Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

**THE**  
**OIL**  
**BATH**

**MOWER**

*The Quality goes in before the name goes on*



**IT'S A BETTER RAKE-THAT'S WHY WE CALL IT THE**

**COCKSHUTT**

# **PEERLESS**

**FROST & WOOD**

## **FRAME**

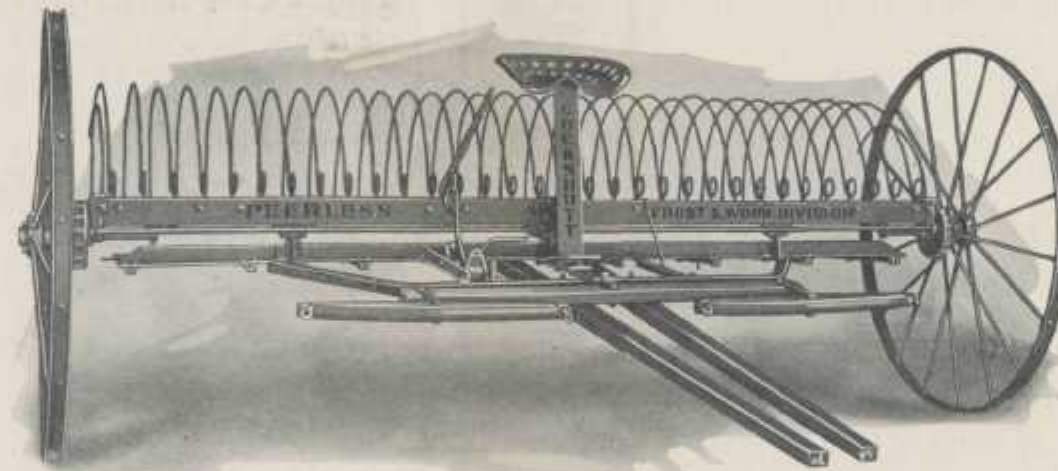
The frame and rake head of the Peerless are constructed of a special high carbon angle steel to our own specification, assuring extra strength and rigidity. They are firmly braced and rivetted; designed and built for a lifetime of usage. In the 10 ft. size a steel truss rod gives additional rigidity.

## **WHEELS**

The wheels have their spokes staggered, hot rivetted in the hub, upset on inside of the rim and rivetted on the outside—such construction assures long life and trouble free service. For use on very rough land Special Mountain type wheels with wider and heavier rims can be supplied at a small additional cost.

## **TEETH**

The teeth are the best quality, finely oil tempered and provided with shock absorbing coils at the point of greatest strain. The shape, and working position, is such that they adapt themselves to any ground irregularities, while they gather the hay to their full capacity without digging.



**Built in 8-ft., 9-ft., 10-ft. Sizes**

The Peerless Rake presents many features that will strongly appeal to farmers everywhere. Our many years experience in designing and building farm equipment for efficiency and durability is strongly expressed in this Rake which we believe has only to be seen and carefully examined, to satisfy the most critical of its superiority.

In this folder we briefly describe some of the outstanding features, but to fully appreciate them the Rake itself should be seen as it is very difficult to put into language the many points that will instantly appeal to the practical farmer.

A careful examination of the Peerless will, we are sure, convince you that at last here is the Rake you have been waiting for; one that will not only do all the ideal Rake should do, but one that is specially designed and built to give many years of service with a very low cost of upkeep.

## **DUMPING**

The dumping device is easily operated by a slight pressure on the foot trip, when the rake empties promptly and quickly returns to the raking position. A simple adjustment permits fast or slow tripping action as may be desired, while the teeth may be held in raised position for convenience in turning, by means of a foot lever.

## **BUNCHING**

A feature that will strongly appeal to farmers, particularly those not using a Hayloader is the ease with which windrows can be bunched with the Peerless, as by slight pressure on foot lever, teeth can be held down to the job. This feature will also be appreciated when working in extra heavy hay.

## **ADJUSTING**

The adjusting devices on the Peerless are simple, and positive in action, permitting a range of adjustment to meet varying conditions met with. The setting of the teeth at different heights, the keeping of the foot lever parts in their proper working position and the regulation of the tripping speed, are quickly and easily done.

**LOOK IT OVER, JUDGE FOR YOURSELF—WE KNOW YOU'LL LIKE IT**



# Reversible Features Give Double Wear

The great advantages of the reversible features of the Peerless will instantly appeal to any farmer as he is assured of **double wear** on the parts of the rake that are subject to the greatest wear.

This means only **one** half of the cost of upkeep necessary in a rake not possessing such features.

**Axles.** When excessive wear has taken place on the axles all that is necessary is to reverse them, an operation that is easily and quickly done, when entirely new bearing surfaces are brought into play—your "spares" are right there when you finally need them.

**Ratchets.** One of the principal wearing parts of any rake is the ratchet. In order to provide double wear on this important part, we have so designed the ratchets of the Peerless that when finally they become worn to the point where they do not function properly, by simply reversing the wheels entirely new surfaces are presented for the pawls to engage. When the second side is eventually worn out, instead of replacing the entire wheel, a new removable Ratchet and Sleeve (in one piece) can be inserted in the hub of the wheel and many more years of service assured.

**Dump Rods.** These also are reversible, and, although the wear on these is not excessive, when they finally do wear so as to be inefficient, you simply reverse them and put the new ends in action.

## THINK IT OVER

You will readily see the great economies we have made possible in the keeping of your rake up to the highest efficiency with very little trouble and a minimum of expense. All machinery will wear out in time; think how much cheaper and handier it will be to simply reverse the wearing parts instead of having to buy new ones.

## DEPENDABLE FARM IMPLEMENT

### Standard Equipment

8 ft. 1 H. Shafts and Singletree  
9 ft. 2 H. Combination 1 or 2 H.H.  
10 ft. 2 H. Combination 1 or 2 H.H.

### Special Equipment

2 H.H. with 8 ft. Rake  
Mountain Type Wheels, any Rake.

### Approximate Weights

8 ft.....415 lbs.  
9 ft.....462 lbs.  
10 ft.....488 lbs.

SOLD BY  
**Cockshutt-Frost 6c Wood  
Agents**  
THROUGHOUT CANADA

Manufactured By  
**The Frostic Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

# A Better RAKE

LOOK  
IT  
OVER



# MODERN HAYING METHODS MEAN GREATER PROFITS

## Saving of Labor

This is always an important consideration as labor is the biggest item of cost in farm production.

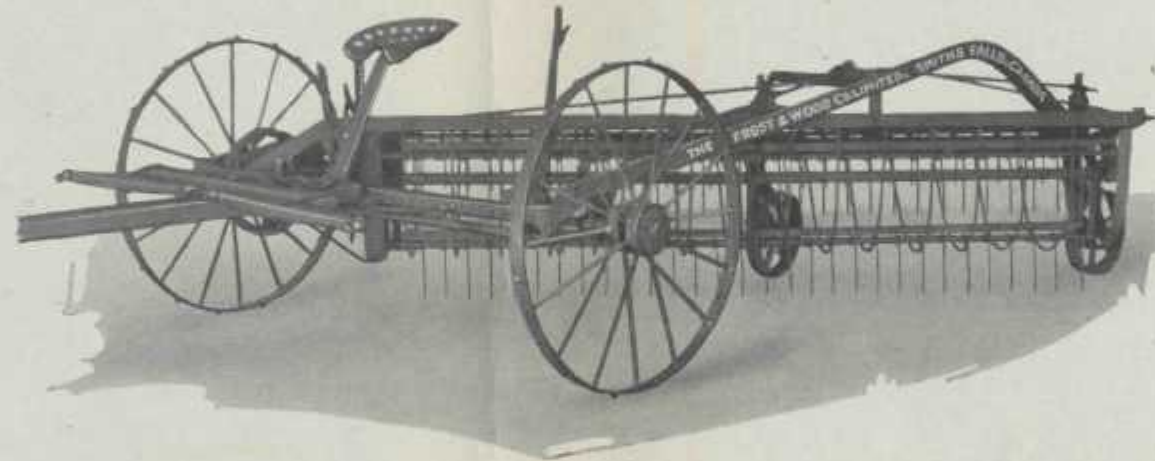
A man with a Side Delivery Rake can put three times as many acres in windrows as he can put it in the cock the old way, which means a big saving of labor.

Curing in the windrows, particularly alfalfa or other leafy hay, is recognized by Agricultural engineers as the best method of preserving the utmost in quality.

## Side Delivery Rake & Tedder

### Two Implements in One

It does not require much consideration to realize the great advantage of having two implements combined in one. Here is an ideal combination that is a real profit maker in the hayfield.



## Saving of Time

Often in haying, time is a very important factor if the weather is uncertain or threatening, or pressure of other important work is crowding you.

The modern and efficient method of haying with Side Delivery Rake and Hayloader, permits the handling of the crop in the minimum of time, together with the minimum loss through poor curing and subsequent shattering of leaves. You have better hay and more time for other work.

## DON'T LOSE THE LEAVES

It is only within comparatively recent years that serious consideration has been given to the quality of Hay, as well as to the quantity. The hay was dried and put into the barn and that was about all there was to it until research by Agricultural Departments disclosed the fact that a large portion of the possible "feed value" was being lost through imperfect curing. This applied particularly to the leafy crops, as Alfalfa, Clover, etc, and exhaustive tests have been made to discover the best possible way of preserving the leaves that were ordinarily lost through old methods. The Left hand Side Delivery Rake was the answer to the problem, as the hay, raked into light airy windrows with the coarse stems toward the outside and the tender leaves turned inward, dries evenly by the natural process of respiration, instead of the leaves being left dry and brittle by the direct rays of the sun, when the big loss takes place through shattering when handled.

Alfalfa leaves for example form about 45 per cent of the plant, but that 45 per cent contains 65 per cent of the feed value of the crop so it can readily be seen where a big loss can easily be made through improper curing of the hay.

In rainy weather, the Side Delivery Rake is an invaluable help in preventing the hay from being bleached by excessive exposure to rain and sun.

## EQUIPMENT THAT TAKES DRUDGERY FROM THE HAY FIELD



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# No. 2 CYLINDER LOADER

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## A Strong Frame Rigidly Braced

The frame of the Frost & Wood Loader is made entirely of angle steel. It is rigid. It cannot get out of alignment. Lock washers are used throughout, insuring that bolts are always tight. The main axle which carries the cylinder is of heavy cold rolled steel.

## Roller Bearings and Lubrication

Light draft is attained by the use of large roller bearings on the main axle, foretruck and conveyor pulleys. Oil holes are convenient to get at. In every way, we have lived up to our reputation for building light draft implements.

## Reliable Apron Action

The carrier apron has heavy slats attached to heavy steel chains, and is adjusted by handscrews, a simple adjustment and easy to make at all times. The slats are fastened to the elevator chains by a special steel link which extends out along the slat and is firmly bolted.

## Wide Arched Foretruck

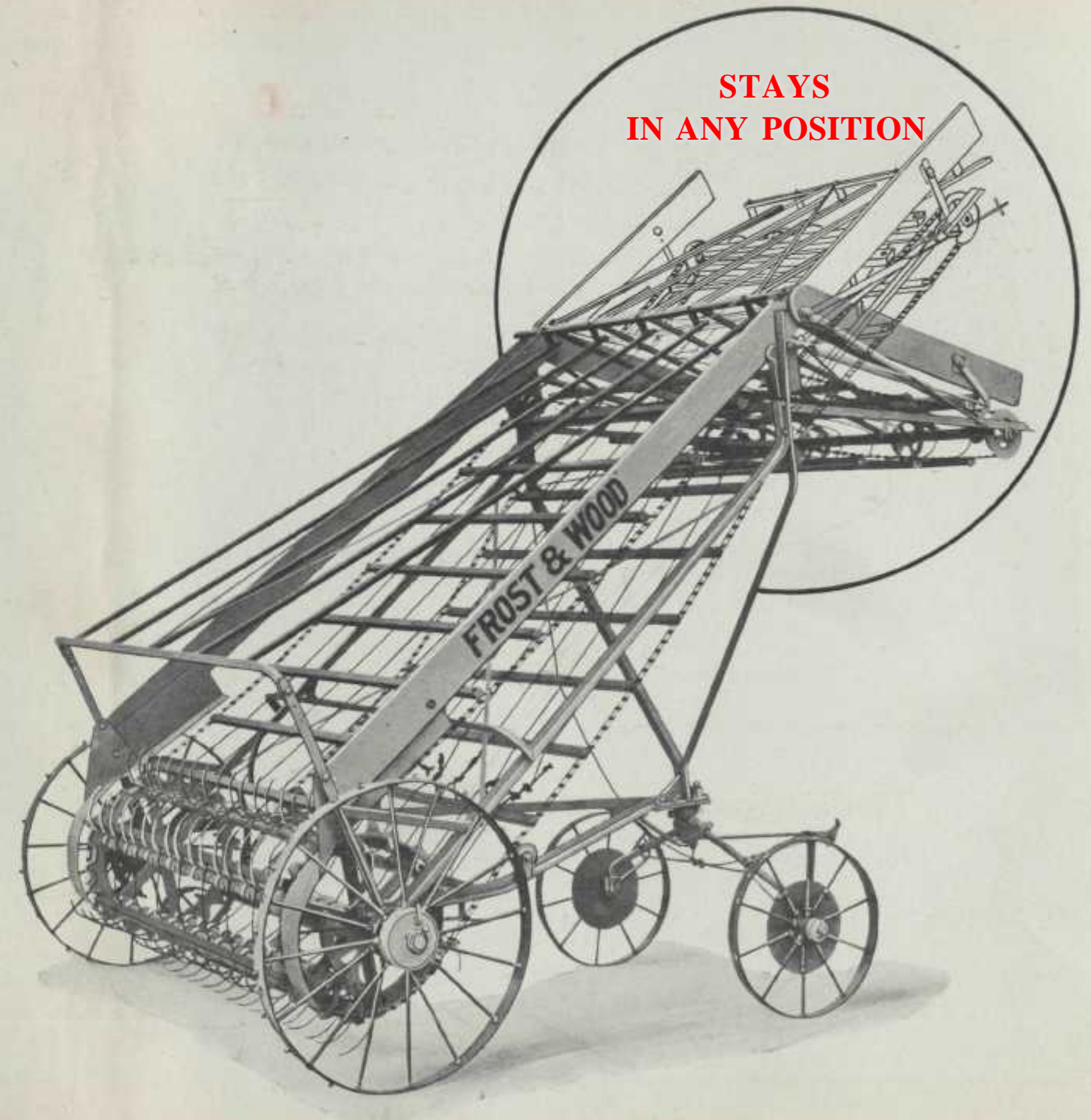
The foretruck is wide between the wheels and high in the centre. In this way, as in others, the hay is never harshly treated and no feed value is lost. The forecarriage has sufficient flexibility to pass over rough and uneven ground without straining the frame. It is easily hitched to the wagon and stays hitched until the operator pulls the rope.

## High Throat Capacity

The Frost & Wood Hayloader has a high throat capacity which is adjustable to suit the size of the windrow. Heavy or light windrows are delivered to the conveyor apron with ease.

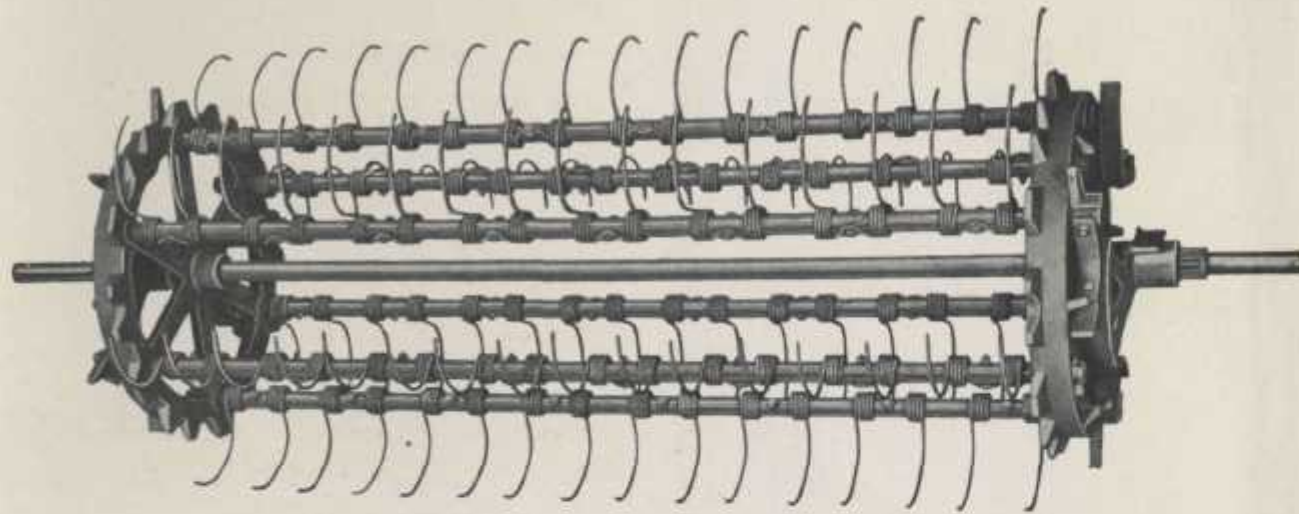
## Shields Prevent Hay Winding

Steel shields are provided on foretruck wheels to prevent the hay from winding and shields are placed at all points where hay would be apt to gather, increase the draft and give trouble.



STAYS  
IN ANY POSITION





## The Steel Cylinder

The cylinder is made of six welded steel pipes with spring steel teeth. The teeth are double-pronged and are exceptionally durable. There are four coils to each prong, giving extra strength and flexibility. The teeth are close together on the pipes, enabling them to pick hay up clean in heavy or light windrows.

## The Upper Adjustable Elevator

Here is a special feature which Frost & Wood experts have produced. The adjustable elevator allows you to govern, from the load, the height at which the hay is delivered. A distinct aid in building the load, and a great advantage when loading in windy weather or in windy corners.

The Adjustable Elevator automatically locks in any desired position. To raise it, simply use your hand or fork. This is very easy, as counter balancing springs assist in raising. To lower it, simply pull a rope—the same rope as used to disconnect loader from the wagon.

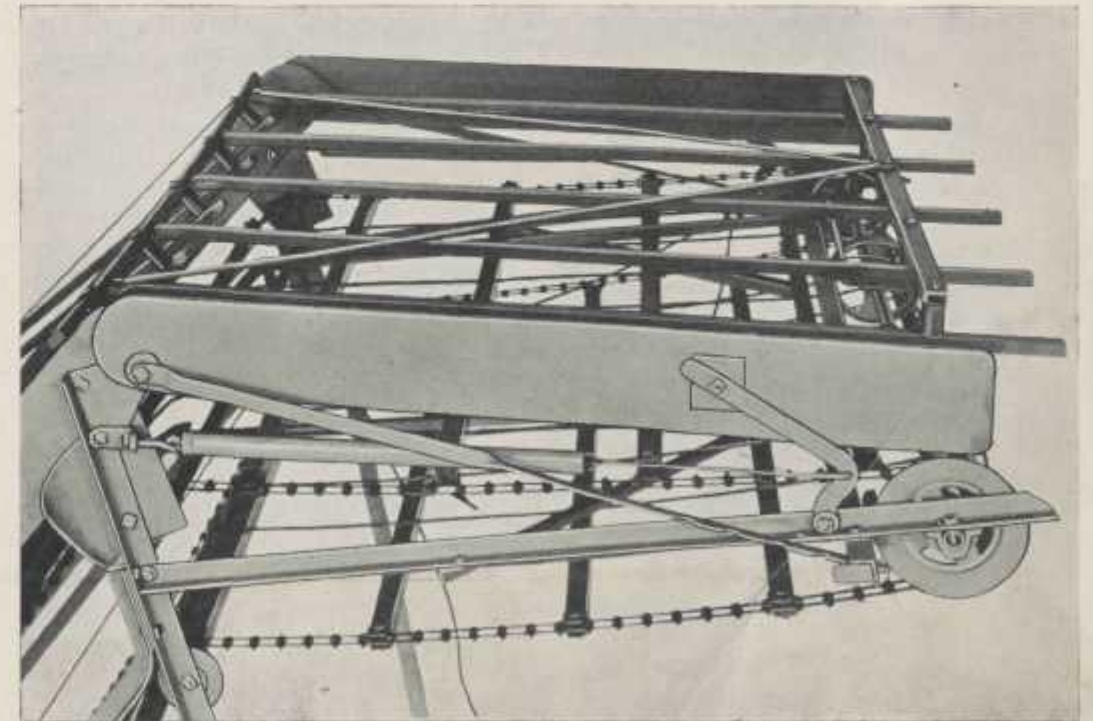
# A REAL MONEY MAKER

No more drudgery under a hot sun all day with the resultant **aching back** all night. No more excessive **labor costs** getting the hay in by the old fashioned hand methods.

No more worry over securing sufficient help to harvest the crop that **must be** brought in **when it** is ready or suffer deterioration.

One man with a fair sized boy (or girl) and a Frost & Wood hayloader will bring in more hay in a day than **three men** can in the old fashioned way, and put it in in better condition. **A saving on every ton.**

Practical design and rugged construction are evident in every part. Years of service under all conditions are built into it, Frost & Wood owners are not bothered with frequent repair bills, the general experience being crop after crop harvested with a minimum of cost and a maximum of efficiency that has made this Hay-loader known as a **real money maker**—study the details of construction elsewhere on this page; they all plainly indicate the well known Frost & Wood dependability.





# Do It At The Right Time

## WHEN TO CUT

**Timothy**, other grass or clover should be cut not later than full bloom.

**Mixtures** of timothy and clover should be cut when the clover is in full bloom, or not later than when one-half the clover heads have begun to turn brown.

**Mixtures** of timothy and such early maturing grasses as blue-grass, should be cut when the grasses are in full bloom and prior to the time when the grasses have lost their green color.

**Alfalfa** should be cut when one-tenth to one-fourth in bloom. If new growth has started from the crowns, alfalfa should be cut without regard to bloom.

**Alfalfa** mixed hay should be cut when the alfalfa has arrived at the proper stage of maturity without regard to the other kinds of hay in the mixture.

**Losses** in leafiness occur and the stems become coarse and woody when alfalfa is allowed to pass beyond the full bloom stage prior to cutting, thus lowering the grade and sale value of the hay in the consuming markets.

Hay which is allowed to cure rapidly in the swath is usually off-color, due to excessive drying and bleaching. Its grade and commercial value is thus lessened. When dried in the swath the leaves become over dry and brittle and so break off in the handling.

With side-delivery rake, hayloader and other necessary equipment, hay can be cut at the right time, cured just enough and then put in the mow or stock with the **least amount** of handling and without too much exposure to the sun. The result is a crop that produces the highest possible money value.

# Do It The Right Way

## DEPENDABLE FARM IMPLEMENT'S

### Standard Equipment

Cyl. Loader complete as illustrated

S. D. Rake complete as illustrated.

### Approximate Weights

Cyl. Loader.....940 lbs.

S.D. Rake.....1146 lbs.

SOLD BY  
**Cockshutt-Frost & Wood**  
Agents

THROUGHOUT CANADA

Manufactured By  
**The Frost & Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

# All Ready *for* Haying ?

## HAVE YOU A

# Hay Loader

## AND A

# Side D. Rake

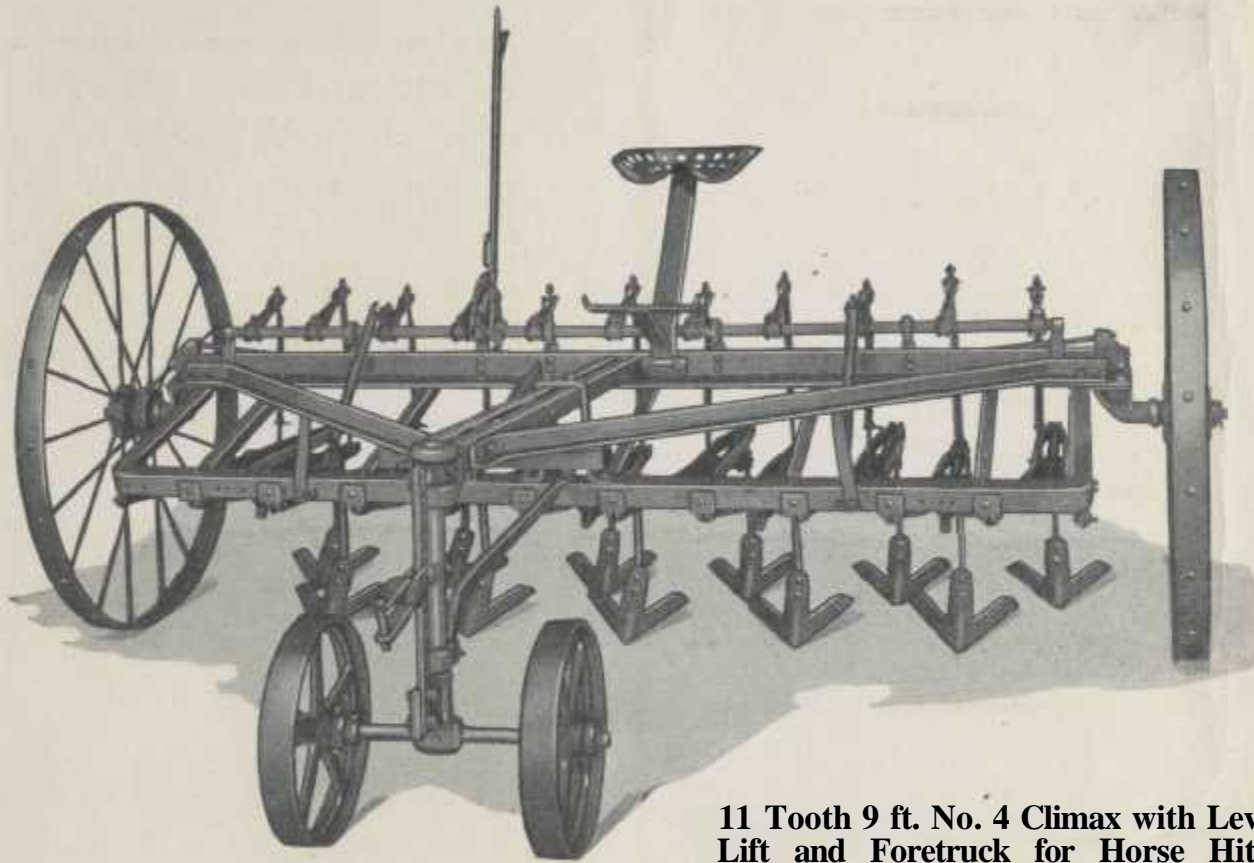


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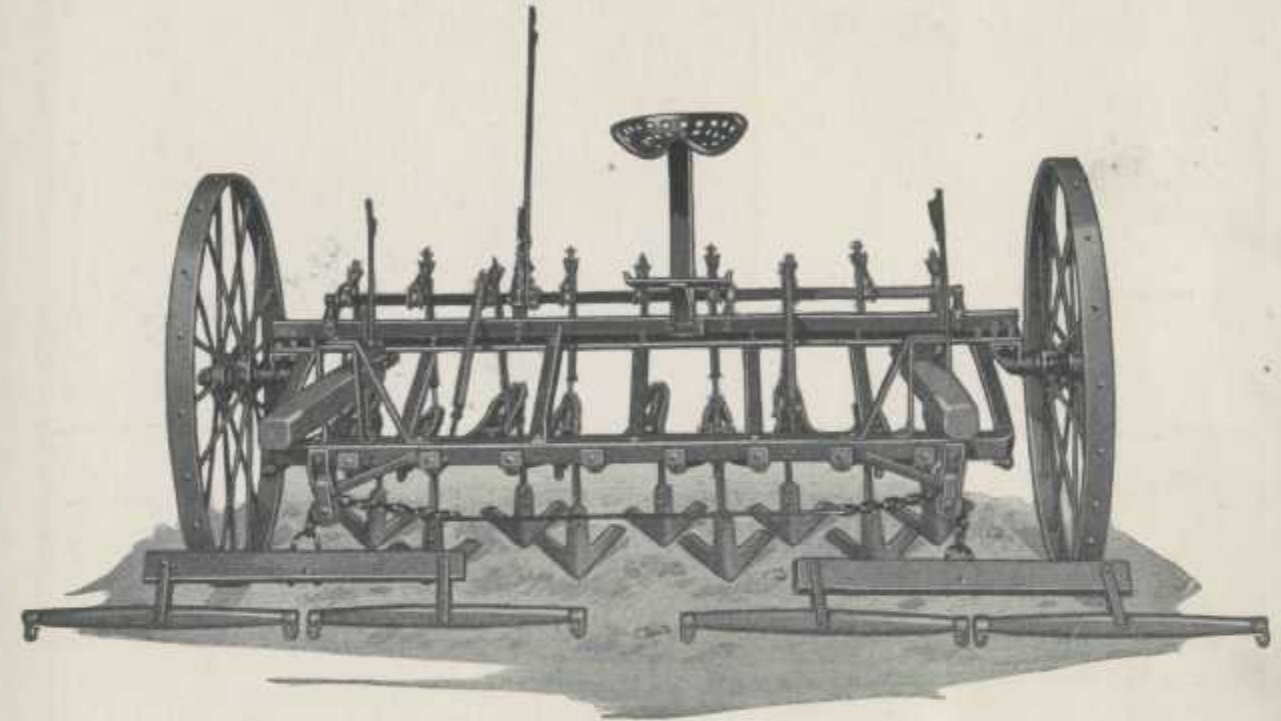
# \$150,000,000

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# ANNUALLY



**11 Tooth 9 ft. No. 4 Climax with Lever Lift and Foretruck for Horse Hitch**



**9 Tooth No. 4 Climax with Lever Lift and 4 Horse Eveners. Power Lift and Patented Depth Regulators Supplied as Extras**

This staggering sum, greater by far than the deficit on our National Railway which is causing so much public concern, represents the estimated normal loss sustained yearly by Canadian Agriculture through noxious weeds. The estimate is no "wild guess" but the result of careful investigation and research by the various Departments of Agriculture throughout the Dominion, and is claimed by them to be a very conservative one. Unlike the Railway problem, however, the solution of the weed problem is definitely known and not only clearly pointed out, but urged on all farmers, by Departments of Agriculture from coast to coast. The **chief factor** in the solution is **Cultivation**, a fact that all progressive farmers are well aware of, but the cultivating must be done thoroughly and with a Cultivator that will "get down" and get the roots no matter how tough they are. For this job the **Climax** is the ideal implement with its "brutal" strength and ease of operation; it not only does the work but it stands up under very unfavorable conditions. Every weed growing on your farm robs the soil of enough moisture and fertility to grow a **profitable** plant, and every weed allowed to mature reproduces itself **many** times over, greatly increasing the work necessary to get, and keep, your land clean and profitable—there is no money to be made on a dirty farm.

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# THROUGH NOXIOUS WEEDS

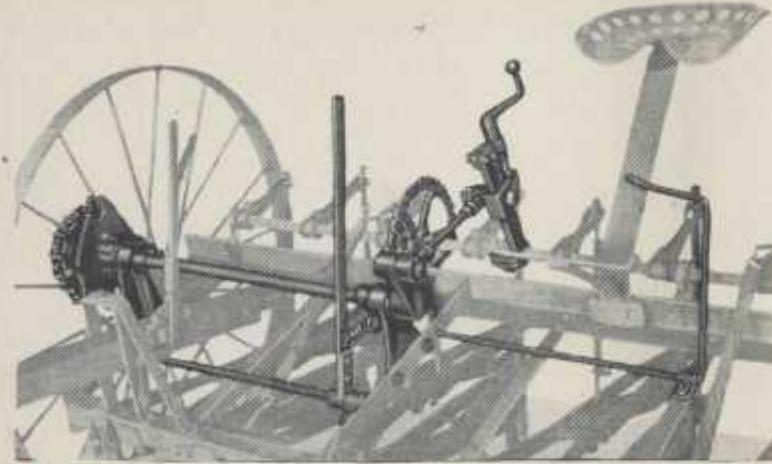
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# No. 4 Climax Cultivator

## The Power Lift

Operator raises or lowers points without stopping or leaving his seat, by pulling trip lever from Tractor, or pressing foot trip on horse drawn machine. Simple, reliable and positive.



## Patented Depth Regulator

Operator regulates cultivating depth without stopping or leaving his seat. A few turns of the wheel does the trick giving perfect control at all times. An **exclusive** feature of the Climax.

## Removable Sleeve In Wheels

This "long wear" feature will appeal strongly to all Cultivator users. The wheels are fitted with removable sleeves as well as Roller Bearings. When excessive wear eventually makes renewal necessary, only the **SLEEVE** has to be renewed, **NOT** the wheel.

## Wide Variety of Points

Points to suit every possible condition are available with the Climax. Note the variety shown above.

## Direct Tractor Hitch

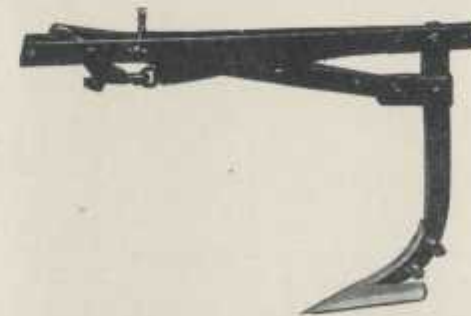
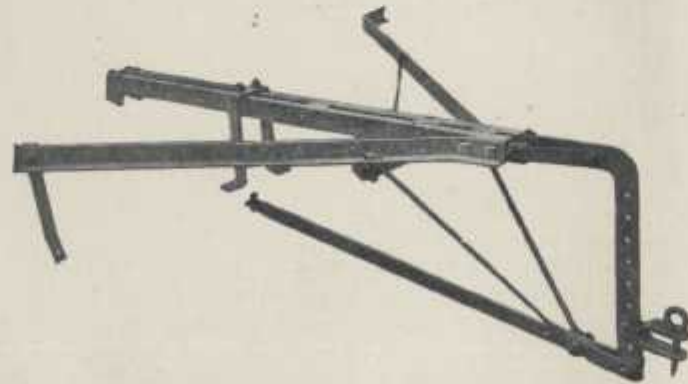
A particularly convenient direct hitch, sturdy, rigid and adjustable, designed to take the place of a forecarriage.

## Patented Heavy Duty Drag Bar

High Carbon steel Drag Bars, extra heavy and powerful, controlled by strong, specially tempered coil springs, operate perfectly in any soil condition. Note the sturdy construction, showing strength where strength is needed.

## STUDY THEM

The features briefly described on this page have made the No. 4 Climax Cultivator the outstanding implement of its kind on the market. Study them carefully and you will realize the practical value of every one of them and why all users "swear by" the Climax.



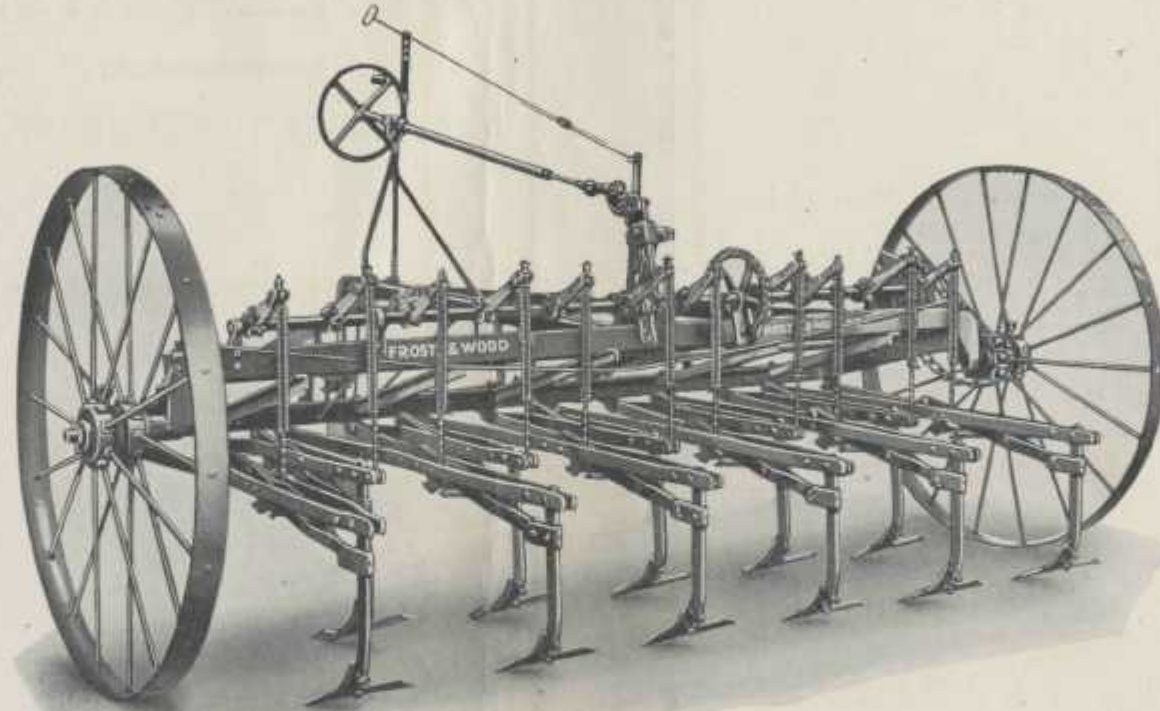
# Has - Exclusive - Features



# THERE IS NOTHING BETTER

## For Horses

- 6 ft., 7 Tooth, Lever Lift, 1 Pole 3 H.H. Approx. weight 760 lbs.
- 6 ft., 7 Tooth, Lever Lift, 1 Pole 4 H.H. Approx. weight 780 lbs.
- 6 ft., 7 Tooth, Lever Lift, 2 Pole 3 H.H. Approx. weight 805 lbs.
- 7 ft., 9 tooth, lever lift, 4 horse hitch, 2 long poles and neckyokes. Approx. weight 975 lbs.
- 7 ft., 9 tooth, power lift, 4 horse hitch, 2 long poles and neckyokes. Approx. weight 1086 lbs.
- 7 ft., 9 tooth, lever lift, with foretruck (4 horse hitch, poles and neckyokes extra). Approx. weight 1056 lbs.
- 7 ft., 9 tooth, power lift, with foretruck (4 horse hitch, poles and neckyokes extra). Approx. weight 1167 lbs.
- Note: Extra frame brackets are required for 6 horse hitch on 7 ft. machines.
- 9 ft., 11 tooth, lever lift, 4 and 6 horse hitches, 2 long poles and neckyokes. Approx. weight 1144 lbs.
- 9 ft., 11 tooth, power lift, 4 and 6 horse hitches, 2 long poles and neckyokes. Approx. weight 1258 lbs.
- 9 ft., 11 tooth, lever lift with foretruck (horse hitches, poles and neckyokes extra). Approx. weight 1190 lbs.
- 9 ft., 11 tooth, power lift with foretruck (horse hitches, poles and neckyokes extra). Approx. weight 1305 lbs.
- 12 ft., 15 tooth machine can be equipped with seat to use with horses but no horse hitch is supplied with this machine. Approx. weight 1734 lbs.



11 Tooth 9 ft. No. 4 Climax with Direct Tractor Hitch, Power Lift and Depth Regulator

## For Tractors

- 7 ft., 9 tooth, lever lift, direct tractor hitch. Approx. weight 952 lbs.
- 7 ft., 9 tooth, power lift, direct tractor hitch. Approx. weight 1092 lbs.
- 7 ft., 9 tooth, lever lift and foretruck for tractor. Approx. Weight 1047 lbs.
- 7 ft., 9 tooth, power lift and foretruck for tractor. Approx. weight 1187 lbs.
- 9 ft., 11 tooth lever lift and direct tractor hitch. Approx. weight 1081 lbs.
- 9 ft., 11 tooth, power lift and direct tractor hitch. Approx. weight 1230 lbs.
- 9 ft., 11 tooth, lever lift and foretruck for tractor. Approx. weight 1181 lbs.
- 9 ft., 11 tooth, power lift and foretruck for tractor. Approx. weight 1325 lbs.
- 12 ft., 15 tooth, power lift and direct tractor hitch. Approx. weight 1663 lbs.
- 12 ft., 15 tooth, power lift and foretruck for tractor. Approx. weight 1754 lbs.
- Note: For use with tractor drawn machines power lift and depth regulators are equipped with extensions as shown in cut.

Soil conditions and capacity required, as well as power used, are not the same on all farms, therefore, we have designed and built the Climax Cultivator for both tractor and horse operation as well as in a variety of sizes, so whether your farm be large or small, the soil heavy or light horses or tractor used, there is a Climax to suit your conditions.

A study of the variety of sizes built, and the equipment supplied, as well as the variety of points available will show a model and size to meet practically every need; see the specification, given elsewhere in the folder for full detail description.

Ease of operation is another outstanding feature of the "Climax" that appeals very strongly to farmers, as the unusual balance of the operating parts eliminates that hard work so characteristic of many implements of this nature, the largest Climax models can be operated by boys, and quite commonly are.

The patented depth regulator, and the power lift whereby cultivating depth can be regulated and the points raised or lowered, without either stopping the machine, or the operator leaving his seat, are features that have made the Climax popular with every user making it not only easy on the operator but easy on either horses or tractor besides eliminating undue strain on the implement itself.

# COCKSHUTT - FROST & WOOD



## CLIMAX CONSTRUCTION

The main frame and cross bars of steel are carried by a large steel angle of great strength which is further stiffened by a special 3/8 " truss rod running from end to end. Steel stub axles are securely bolted to the frame and secured by special lock washers. The strong steel wheels are fitted with removable sleeves and large Roller Bearings lubricated by grease cups. Power is transmitted by a heavy 2" steel drive chain, and while an implement of this nature can scarcely be referred to as "light draft" while engaged in "tearing up", heavy soil, it is so carefully balanced and so well mounted on its Roller bearings that when running free it is surprisingly easy running for its weight, which of course has its effect even in the toughest going.

To stand up to the kind of work a stiff tooth Cultivator is often called upon to do the first requisite is strength and plenty of it. Skillful design and smooth operation, if the Cultivator does not "stand up", may make a pretty expensive machine for the owner due to frequent delays during the working periods from Breakage; that is why we have built the Climax with a big safety factor of strength, and why all Climax owners know, when they have an unusually tough piece of work ahead of them, that their Cultivator "can take it".

## FREIGHT PAID ON DOCKAGE

In the last ten years farmers, in western Canada alone, paid freight on "Dockage" to the extent of \$7.034000. This in itself is a startling object lesson in preventable loss as the farmers not only lost this vast sum paid in freight rates, but lost the dockage itself which could in most cases have been used to advantage on the farm for feed purposes, but which under the circumstances was a "direct gift" to the Grain Companies, delivered to them freight paid.

What stronger argument could be presented to farmers generally, as to the great necessity of a clean farm, and clean crops, if the realizable profit is to be made from the land.

Clean seed, plus the thorough Cultivation of your land with a Climax Cultivator, will go a long way toward completely wiping out this direct loss, which by the way, does not take into account the "labor loss" sustained by the Harvesting, handling, and shipping of the dockage. **THINK IT OVER.**

## REMEMBER THIS FEATURE

**THE CLIMAX CULTIVATOR  
NOT ONLY HAS REMOVABLE SLEEVES  
IN THE WHEELS BUT HAS LARGE  
ROLLER BEARINGS AS WELL**

## DEPENDABLE FARM IMPLEMENTS

### Standard Equipment

See listings on inside of folder for sizes and equipment regularly supplied unless specified differently on the order.

### Special Equipment

A wide range of equipment is available to suit varying conditions. Consult our agent regarding any special equipment you may desire.

### Approx. Weights

Approximate weights of equipment as listed are given on inside of folder. Any changes of course will affect these weights, and allowance made for same.

SOLD BY  
**Cockshutt-Frost & Wood  
Agents**  
THROUGHOUT CANADA

Manufactured By  
**The Frost & Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

# No. 4 CLIMAX CULTIVATORS

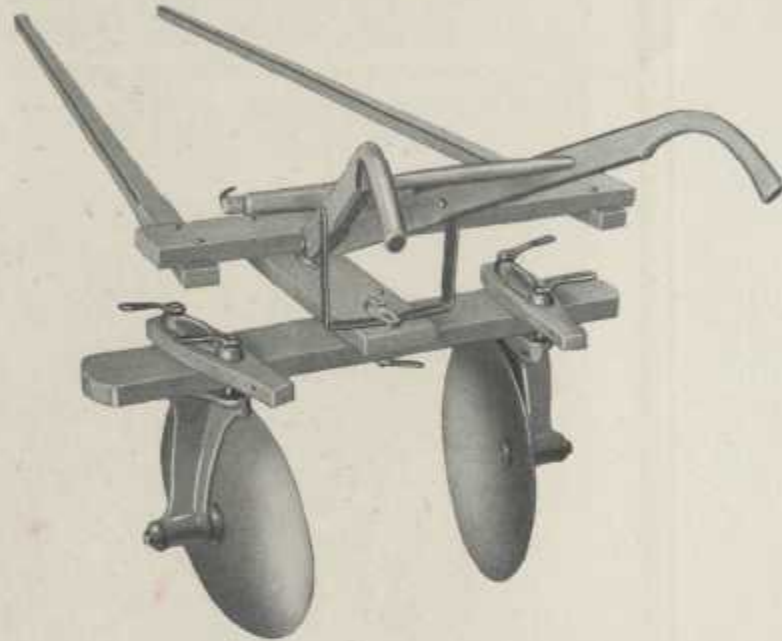
READ ABOUT THEM



# COCKSHUTT

**Hoeing by Hand not only increases your costs, it makes a lot of drudgery on the farm**

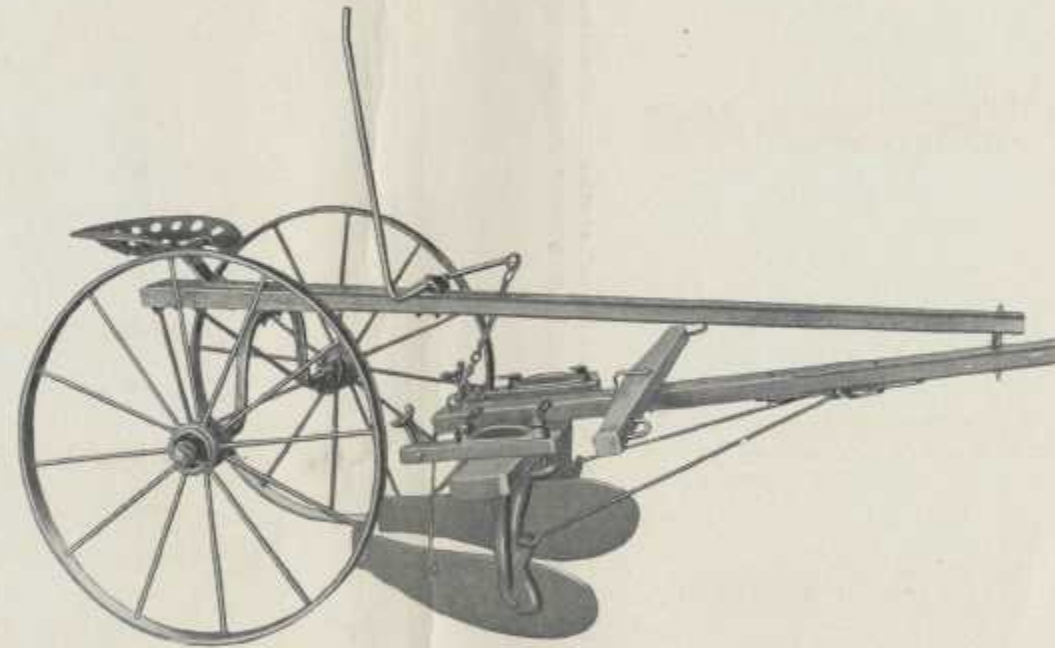
**Saves Miles  
of  
Walking**



## DISC MODEL

For the heavier soils or more extensive cultivation we recommend the Disc type of Hoe as being more suitable owing to its greater penetrative qualities. The sturdy steel discs are shaped to just the right concavity to give the best results, and all necessary adjustments can be made quickly in the field without the need of any other tools than those permanently attached to the machine itself, as shown in above illustration; Can be supplied for either one or two horses.

**Increasing the cost of your  
Crop never increases its Value  
A Horse Hoe Decreases Costs**



## (Riding Attachment Supplied as an Extra)

For the farmer with considerable acreage in potatoes or other root crops the Riding Attachment, illustrated above, will save miles of walking. It can be fitted to either 2 H. Model.



## MOULD BOARD MODEL

For the light or sandy soils we recommend the Mouldboard type of Hoe as in such land the greater penetrative qualities of the Disc type are not required. The Mouldboards are shaped, and set, so that the best possible results are obtained. All adjustments can be made quickly in the field, the necessary tools being permanently attached to the machine; Can be supplied for either one or two horses.

**You Can Get Along Nicely  
Without the Sunburned Neck,  
Aching Back and Blistered Hands**

# FROST & WOOD



# An Adaptable Implement

The different ways in which a Horse Hoe can be used, and the quick and easy way in which the various changes in adjustment can be made without any other tools than those permanently attached to the implement itself, makes a Horse Hoe one of the most efficient and time saving pieces of equipment for the farmer with any considerable acreage of root crops, and one that very quickly pays for itself.

In the potato field, one man with a team and Horse Hoe can accomplish as much work as twenty men hoeing by hand, and as man power is the most expensive item in farm costs, that represents a very important saving, besides taking a lot of drudgery out of farm work.

Anyone who can handle a horse or a team can operate a Horse Hoe as there is no difficulty getting the ridges straight and even, and because of the speed with which it enables you to work, the root crop can be hilled oftener, preserving moisture, and smothering small weeds that spring up so quickly after rains.

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## General Construction

The frame of the Horse Hoe is strongly built of hardwood and designed so the draft can be centred, or offset to either side as may be desired. The Discs and Mouldboards are of a special quality of steel, so shaped as to do their work in the most effective manner, they can be moved in or out on the Cross-bar also set at varying angles to suit different classes of work.

The Riding Attachment, which can be fitted to 2 H. Models only, is of steel construction with hardwood hitching pole. It is equipped with a hand lever for raising and lowering the Hoe, also foot supports for steering the Hoe with the feet. This attachment saves many miles of walking where there is a considerable acreage of root crops.

## DEPENDABLE FARM IMPLEMENTS

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### Approximate Weights

1 H. with Discs.....	132 lbs.
1 H. with Mouldboards.....	113 lbs.
2 H. with Discs.....	128 lbs.
2 H. with Mouldboards.....	113 lbs.
2 H. Discs and Riding Attachment ...	247 lbs.
2 H. Mouldboards & Riding Attachment	230 lbs.
Riding Attachment only.....	129 lbs.

### When Ordering

To avoid delay or mistakes always specify plainly the equipment desired.

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SOLD BY  
**Cockshutt-Frost 6c Wood  
Agents**  
THROUGHOUT CANADA

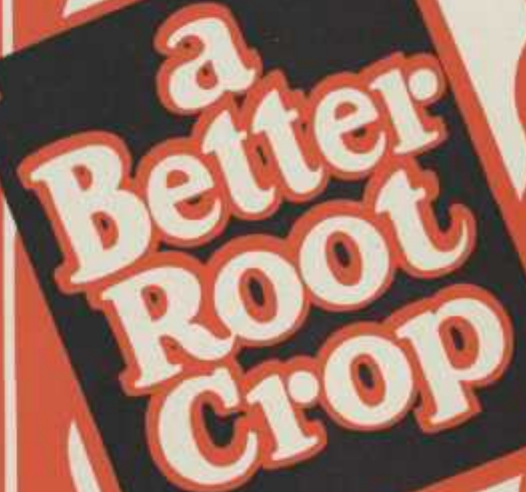
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Manufactured By  
**The Frostic Wood Co. Ltd.**  
SMITH'S FALLS, CANADA  
Harvester Division  
of  
**Cockshutt Plow Co. Ltd.**  
BRANTFORD, CANADA

# HORSE HOES

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## MEAN



a  
**Better  
Root  
Crop**

and Less  
work  
getting it



# COCKSHUTT

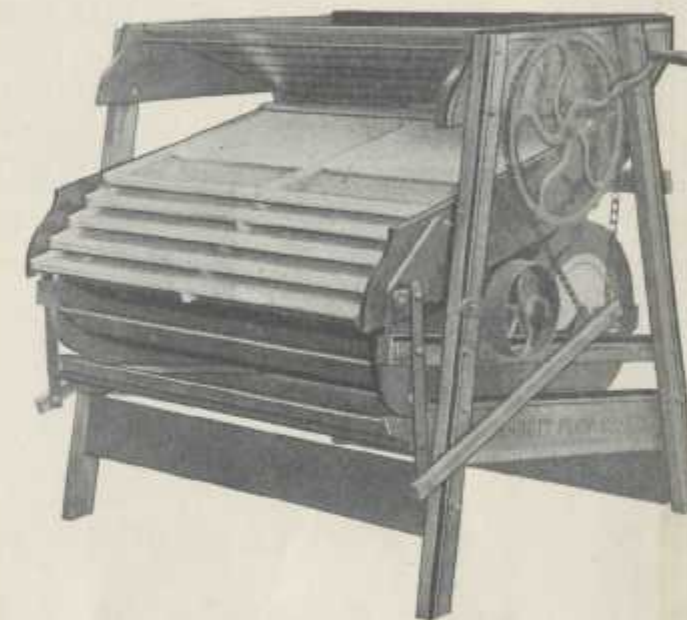
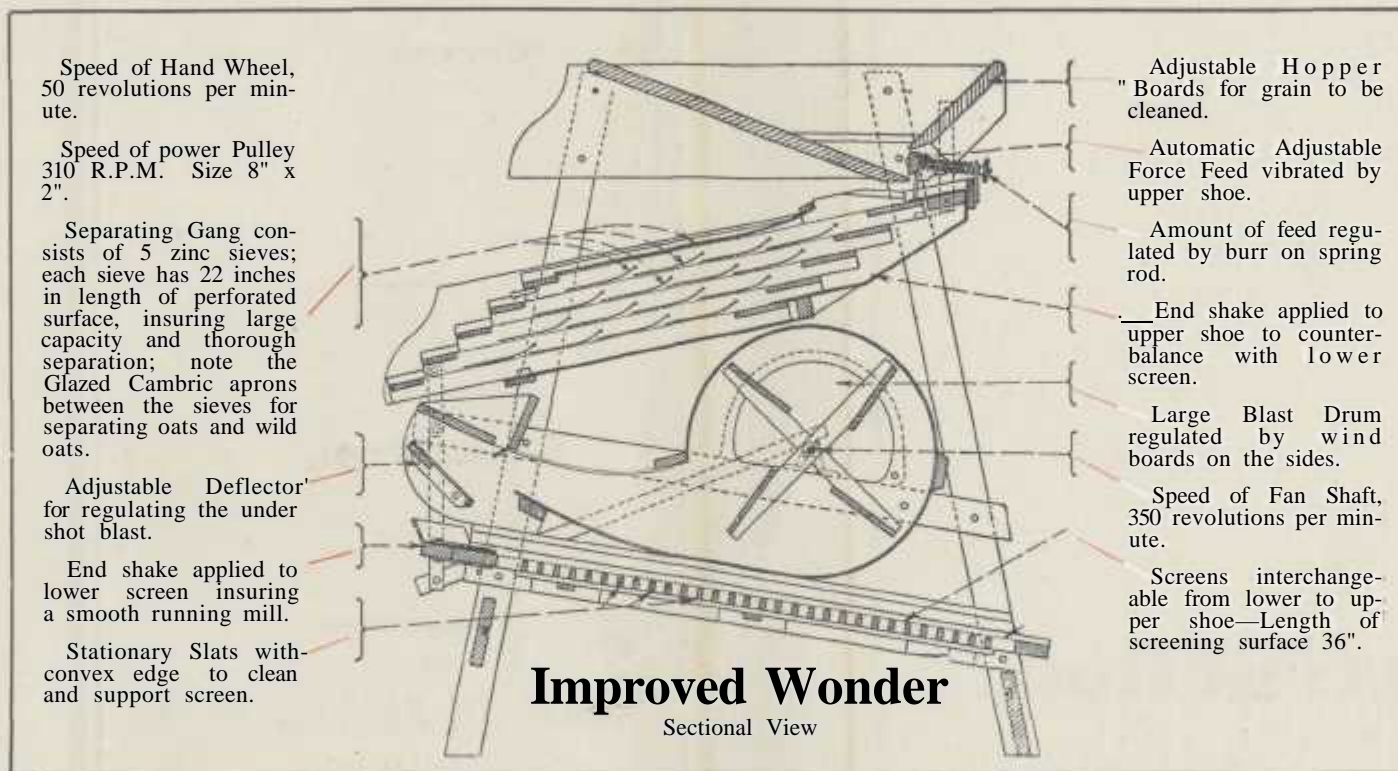
Don't Feed Good Home Grown Seed Grain during the Winter and Buy Perhaps Inferior Seed in the Spring  
 Good Home Grown Grain Has Proved Its Adaptability to Your Soil, Sow It but Be Sure it is Well Cleaned

**Increase Your Crop Yield, the Profit is in the Extra Bushels**



NO. 2 MILL, 32"

Equipped with Hand Power only.



NO. 3 MILL, 40"

Equipped with Power Pulley Attachment

## The Improved Wonder Mill Will Solve Your Seed Problem

And just as important, will clean and grade your cash grain, procuring the highest possible grading, but saving (or you the screenings with their feed value that would otherwise be lost as dockage. Get everything out of your crop there is in it, there is a size of Mill, and equipment, to suit any farmer's needs—See our agent.

Any Mill can be equipped with power pulley, bagging attachment, or elevator, as extras.

# FROST & WOOD



## SEPARATION

Our separating gang consists of five zinc sieves arranged in such a position that every portion of every sieve is working at all times; also every kernel of grain is compelled to come in contact with the sieves, which insures a perfect separation and a very large capacity. Over each of these zinc sieves are arranged a series of **Glazed** Cambric which works on the sieves at all times, receiving all the grain from the sieve above, keeping the oats flat and tailing them over; at the same time pushing the wheat through and **not** permitting any to flow over the tailings.

By studying the sectional view it will be noticed how this series of aprons subdivide the grain being cleaned. Each part of the sieves are cleaning a small portion of grain; tailing over the oats and pushing onto the sieve below the cleaned product, so it can be readily seen how with this mill, once the grain is cleaned, the product being cleaned is reclaimed by each succeeding sieve, while the tailings are carried off immediately and permanently disposed of.

After the top sieves have removed **all** the chaff, rubbish, wild oats, etc., the grain is ready to be graded.

## GRADING

After the grain leaves the top shoe it falls through the neck of the drum where as much or little blast as is required can be used, so the grain is practically weighed. We use extra long screens in the lower shoe, so that the grain is perfectly cleaned and graded. Under these screens are stationary cleaning bars which at all times keep the lower screens clean insuring a perfect grade and a large capacity.

**Will** separate oats and wild oats from wheat and barley and grade the wheat or barley for seed; also separates, cleans and grades flax, oats, rye, timothy, clover, alfalfa, millet, buckwheat, corn, beans, peas, and other grains and grass seeds to your entire satisfaction for seed and market.

## STANDARD EQUIPMENT

### For Western Canada

#### Standard Equipment

#### No. 1

5—Wheat  
2—Oat and Barley  
1—Buckwheat  
1—2x10  
1—2x12  
1—14 x 14

#### Alternative Equipment

#### No. 2

5—Wheat  
2—Oat & Barley  
1—2 x 10  
1—2x11  
1—2 x 12  
1—9x 9

### For Eastern Canada

#### Standard Equipment

#### No. 3

5—Barley  
2—Oat & Barley  
1—Buckwheat  
1— 2x 10  
1— 2x 12  
1—14 x 14

#### Alternative Equipment

5 Wheat  
in  
place  
of  
five  
Barley  
Screens

## SPECIAL SCREENS AVAILABLE

For Beans and Peas	2 x 5 for Lower Shoe
For Clover Seed	14 x 14 for Upper Shoe 20 x 20 or 30 x 30 for Lower Shoe.
For Timothy Seed	20 x 20 for Upper Shoe 30 x 30 for Lower Shoe
For Alfalfa Seed	14 x 14 or 16 x 16 for Upper Shoe 20 x 20 or 18 x 18 for Lower Shoe
For Flax	3 x 16 for Upper Shoe, Bottom 9 x 9 for Upper Shoe, Top
For Cockle & Wild Pea	7x7 for Lower Shoe

## CAPACITY OF IMPROVED WONDER

	No. 1	No. 2	No. 3
Separating wild and tame oats from wheat.....	20-30	30-50	55-70
Separating wild and tame oats from barley.....	20-25	25-30	40-50
Cleaning Wheat.....	20-30	30-50	55-70
Cleaning oats and barley.....	30-40	40-65	65-90
Cleaning flax.....	15-20	25-30	35-40
Cleaning and separating grass seeds.....	15-20	25-30	35-40

There is no question about the value of a **GOOD DEPENDABLE** grain Cleaner and Grader to the average farmer. It's a necessity, and has proven so. Every farmer of today recognizes it as one of the most important pieces of farm equipment that he can buy. The only question is in the selection of the right one—the one that gives the most in service and satisfaction.

The mill that cleans, grades and separates wheat, oats, barley, flax, rye, corn, clover, timothy, alfalfa, peas, beans, millet, buckwheat, and grass seeds.

# DEPENDABLE FARM IMPLEMENT



Showing No. 3 Mill 40" With Elevator

SOLD BY

**Cockshutt-Frost & Wood  
Agents**

THROUGHOUT CANADA

Manufactured By

**Cockshutt Plow Co., Ltd.**

Harvester Division

**The Frost & Wood Co.**

LIMITED

Smith's Falls, Canada

# THE IMPROVED WONDER



Showing No. 1 Mill 24" With Bagger

**A FANNING MILL**

**A SEPARATOR**

**A CLEANER**

**A GRADER**

**ALL IN ONE**

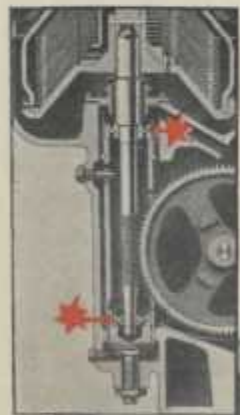


# "Lister"—The World's Highest Quality, Longest Life Cream Separator—"Lister"

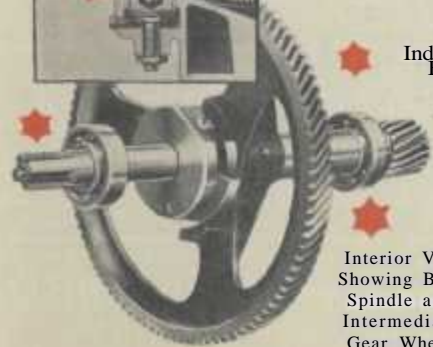
**M**AXIMUM efficiency in skimming, ease of operation and cleaning, strength and precision of construction—these are a few of the features that place the "Lister" Cream Separator at the top of the list and make it your logical choice when purchasing a cream separator. If a lifetime of satisfactory service is what you are looking for, you'll make no mistake in buying a "Lister". The savings you'll make with this British-built machine will soon repay the investment! There's a size to meet all needs, from the small machine suitable for the man with only two or three cows to the large capacity ball bearing separator required for big herds.

## Ball Bearings

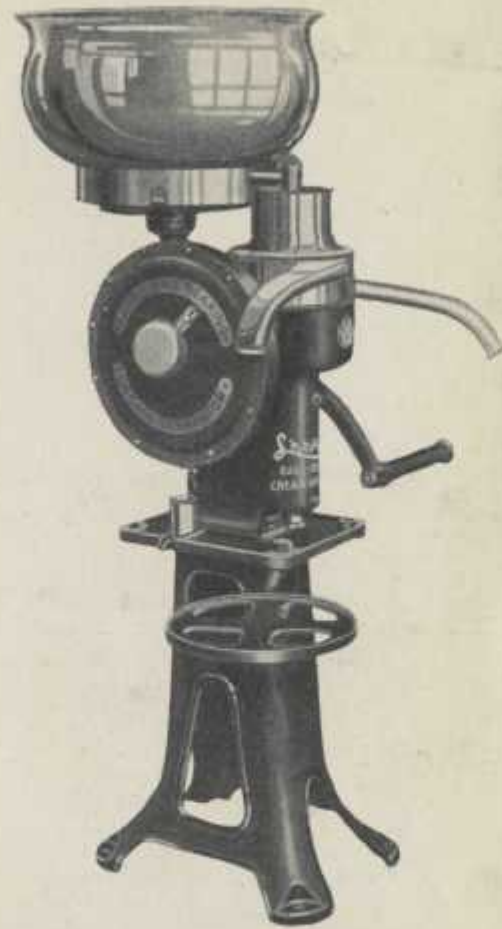
The very close skimming of the Lister Ball Bearing Separator and its ease of operation, is largely due to the use of ball bearings on the bowl spindle and intermediate spindle, at the four points illustrated. Friction, vibration and wear are thereby reduced to a minimum with a consequent increase in skimming efficiency and a saving in the power needed to operate the



Indicates Ball Bearings



Interior View Showing Bowl Spindle and Intermediate Gear Wheel



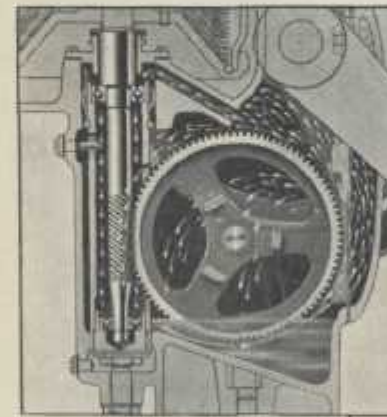
"Lister" Ball Bearing Separator

machine. All the bearings are continuously oiled by the spray from the intermediate gear wheel and they can be replaced if necessary without difficulty.

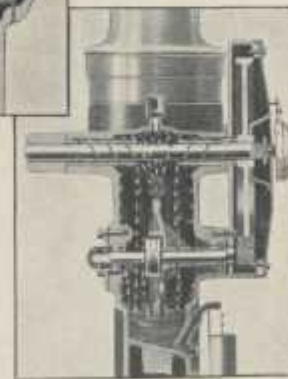
The assembly of the Bowl Spindle and its bearings in a strong steel tube—with the bottom bearing housing screwed into it—makes a unit of considerable strength and durability and ensures the upper and lower bearings being always in direct line with each other. The whole tube and spindle assembly is raised and lowered bodily by the adjusting screw on which it rests.

## Automatic Lubrication

**T**HOROUGH lubrication is important in any separator, for skimming efficiency depends to a considerable extent upon maintaining the even speed of the machine. All Lister separators are designed so that all bearing parts are constantly sprayed with fresh oil. The intermediate gear wheel runs through the oil reservoir, catching up a quantity of oil at each revolution and spraying it to every bearing and along every shaft in the machine. The illustrations below show the distribution of oil throughout the separator. Note that the oil is constantly maintained at the level indicated by the introduction of a little fresh oil each day. Thus the dirty oil from the bottom of this sump is expelled and the main supply is maintained at a good standard of purity.



Interior View, Showing distribution of the oil to bearings and shafts



- 1. Large Diameter Conical Plates** give greater skimming efficiency. They, and the false top, are made of phosphor bronze, a special process being used to ensure great strength, accuracy and durability.
- 2. Rustless Material** is used for all interior bowl parts which are covered with pure tin. Corrosion and rust are thus prevented and the life of the bowl increased.
- 3. True Balance and Lack of Vibration** result from the accuracy and precision of the component parts of the bowl which are made from materials selected to minimize wear and distortion.
- 4. The Conical Plates are Interchangeable** and can be re-assembled in any order. They are fitted with rivetted hygienic distance pieces.
- 5. The Cream Regulating Screw** shown below, controls the thickness of the cream. By this means, cream containing from 25% to 52% of butter-fat may be obtained simply by turning this screw.



## Easy Cleaning

The design of the Lister Bowl permits easy and thorough cleaning. There are no crevices or difficult corners in the Lister Separator—every part can be easily reached, cleaned and reassembled quickly. A cleaning pin is supplied which makes it comparatively easy to handle all the bowl plates at once, thus reducing time and trouble involved in cleaning.

## Features of the Bowl

- 1. Large Diameter Conical Plates** give greater skimming efficiency. They, and the false top, are made of phosphor bronze, a special process being used to ensure great strength, accuracy and durability.



# They're British Built and Better Built

The gears are entirely enclosed and are well protected from dust and moisture. The provision of a special lid for use on the top of the frame when cleaning the machine gives ample protection to the bowl spindle and its bearings.



## Improved Design of Covers and Spouts

A new feature of the Lister Ball Bearing Separator is the improved shape of the cream and skim milk spouts, which are not only seamless and headless, but are turned down somewhat sharply at the ends, giving delivery of the cream and skim milk in compact, even streams, without splashing. These covers and spouts are covered with an exceptionally heavy coat

of pure tin. Being entirely headless, there are no crevices or corners where dust and dirt can collect and they are consequently hygienic and easy to clean

## Bell Speed Indicator

As skimming efficiency depends partly upon the speed of the bowl, a special Bell Speed Indicator is fitted to all Lister Separators. This is silent when the machine is being turned at the correct speed.

## Power Attachment

When desired, a power attachment can be supplied which is easily and quickly fitted on to a specially provided facing on the side of the separator frame.



"Lister" Model "Y" Separator



Model "E" Plain Bearing Separator

## Other "Lister" Models

Farmers with smaller herds will find the smaller Model "E" in its various sizes, the ideal separator for their requirements. These machines are fitted with plain bearings of special material, but the same high quality of workmanship and materials is employed as in the larger separators, and they can be relied upon to maintain a very high standard of skimming efficiency.

Where only a small amount of milk is to be separated or as an auxiliary to a larger separator, the Model "Y" shown at the left, will fill the bill to perfection.



## The Home of Cockshutt Farm Implements

Report of Skimming Tests on Lister Separators, made by Dairy Department of Ontario Agricultural College, is as follows:

### Model BB12—Ball Bearing

1st run-Butter fat in cream 13%-in skim milk .01%  
(Cream screw as set at factory)  
2nd run-Butter fat in cream 55%-in skim milk .01%  
(Cream screw set to give richer cream)  
3rd run-Butter fat in cream 55%-in skim milk .015%  
(This was a check run—cream screw not changed from second run)

### Model E3—Plain Bearing

1st run-Butter fat in cream 19%-in skim milk .015%  
(Cream screw as set at factory)  
2nd run-Butter fat in cream 44%-in skim milk .015%  
(Cream screw set to give richer cream)  
3rd run-Butter fat in cream 60%-in skim milk .02%  
(Cream screw set to give very rich cream)  
Machines turned at recommended speed; Milk at 90° in all tests.  
All butter fat tests made by the Babcock method.

### Specifications of "LISTER" CREAM SEPARATORS

Model	Capacity Per Hour	Approx. Net Weight
BB 10—Ball Bearing	.350 lbs.	.160 lbs.
BB 11— "	.500 "	.175 "
BB 12— "	.700 "	.273 "
BB 13— "	.900 "	.346 "
E 1—Plain	.300 "	.140 "
E 2— "	.400 "	.162 "
E 3— "	.500 "	.165 "
"Y" — "	.150 "	.30 "

## Cockshutt Plow Co.

Limited

Brantford      Winnipeg      Regina  
Saskatoon      Calgary      Edmonton  
Sold by

# Lister

## CREAM SEPARATORS



COCKSHUTT PLOW CO. LIMITED  
Brantford, Ont.

Winnipeg Regina Saskatoon Calgary Edmonton

with which is affiliated

THE FROST & WOOD CO. LIMITED

Smiths Falls      Montreal      Truro