

1870.

HERRINGTON'S PATENT
HARVESTING MACHINES

ON THE ROAD.



MOWER, SELF-RAKE, DROPPER & HAND-RAKE,
ALL COMBINED IN ONE.

Manufactured by H. J. HERRINGTON & CO.
Valley Falls, N. Y.

For Sale by _____

At _____

Our aim has been to build a light draft and simple Machine.

THE EAGLE MOWER

Is built from nothing but the best wood, steel and iron that can be procured, and are Warranted to be as Durable and Reliable as any other Machine in market.



MOWER AT WORK.

Its superiority is shown to best advantage when at work upon the turf, where we invite competition.

REPORT OF DRAFT AT NATIONAL TRIAL IN 1866.

Eagle Mower, entry No. 4		173.28
Buckeye, " No. 10		180.56
R. I. Clipper, " No. 18		199.00
Woods, " No. 8		186.74



INNER END OF FINGER BAR RAISED.

In these cuts we show two very simple devices for raising the finger-bar, to pass obstructions, which are of decided importance, and valuable to those having newly made or rough meadows, where other machines are obliged to turn out, and go around the obstacle in some awkward manner. We can raise our finger-bar and easily pass over them. This not only saves time and grass, but an extra man, who would necessarily have to follow the machine with a scythe, or leave the meadow in a condition no good farmer would tolerate.



OUTER END OF FINGER BAR RAISED.

EVERY FARMER CAN USE THEM.



MOWING UP A BANK.

The above cut shows the advantage of having a jointed finger-bar, one that will conform itself to all inequalities of surface while in motion, without detaching or straining any part of the Machine. The shoe to which the finger-bar is fastened, is attached to the main frame in such a way as to allow the cutting bar to run over ridges and through hollows with perfect ease. The independent action of the knives enables either end to raise or fall without affecting the other.



MOWING DOWN A BANK.



PASSING A STONE HEAP.

With the **EAGLE MACHINE** it is not those Farmers who have smooth and level meadows alone, that can have the pleasure of riding a Mowing Machine to do their Harvesting with. He that has rough lands cannot at all times obtain smooth places enough to procure what hay that is wanted for his stock. The Eagle is so arranged that the finger-bar is perfectly flexible, will work in nearly all positions, and is at all times under the driver's control. It can be worked by any person capable of managing a team in like places. The drive wheels are large in diameter, giving it a strong motion. The shafting is long, allowing it to work on very steep side-hills with safety.

It can be drawn by a very small team, and will work in any place where it would be proper to use a Mower.

For Reaping we reduce the motion of our Machine one-third less than when Mowing. This saves much wear of Machinery, and greatly reduces the draft.



EAGLE COMBINED WITH SEIBELING DROPPER.

The Dropper does perfect work; cuts even and clean, leaving the bundles square and nice for binding, without littering between gavels.

In combining the dropper our aim has been simplicity and durability, and for all kinds of grain and surface it is not surpassed.

Both Self-Rake and Dropper is a Complete Machine, for mowing or reaping. A hand rake is supplied with the Self-Rake, so that work is not delayed in case of mishap with Raker; or we supply Hand Rake Machines to those who still adhere to that style.

EAGLE COMBINED WITH SELF RAKE.



It works well in all kinds of grain.



POINTS OF SUPERIORITY CLAIMED FOR THE **EAGLE MOWER AND REAPER,**

Which has been Thoroughly Proved by its Successful Operation in the Field
for the past nine Harvests.

FIRST.—Manner of handling Finger-Bar, raising either end independent of the other while in motion.

SECOND.—Its adaptability to uneven surfaces.

THIRD.—Folding Cutter-Bar for transportation, and unfolding for work without the driver leaving his seat.

FOURTH.—Facilities for throwing in and out of gear.

FIFTH.—Joint in Sickle-Head which allows the Cutting-Bar to work free and easy, at any angle, up or down, without breaking the Sickle.

SIXTH.—Hinge-Wheel in main Shoe to turn corners without breaking the turf.

SEVENTH.—Size of Driving Wheel and length of Axle, adapting it to crossing furrows, working on side hill, and striding swath, or not running over cut grass.

EIGHTH.—Adjustable Standard to raise and lower points of Guards and changing position of Frame, to overcome friction.

NINTH.—The device for changing the Sickle from **QUICK TO SLOW MOTION**. The shift is made by changing the Pinions, and is effected in **FIVE MINUTES**. This is of **GREAT IMPORTANCE**, as it enables us to mow in rough meadows with a much greater degree of safety, and also **REDUCING THE MOTION, lessens the wear of the machinery very materially**, and yet it is **SUFFICIENT** to mow any ordinary grass, or reap grain.

TENTH.—Ease, comfort and safety of driver.

ELEVENTH.—Working effectually with team at slow gait.

TWELFTH.—Strength and durability.

THIRTEENTH.—Manner of varying height of Stubble from one to four inches. The average is made by an adjustable Shoe at one end and a Hinge-Wheel at the other.

FOURTEENTH.—Malleable Guards with Steel Guard-Plates securely fastened by the bolt holding the Guards, thereby obviating the necessity of riveting them in their place.

FIFTEENTH.—Has no side draft, nor weight upon horses' neck.

SIXTEENTH.—The Connecting rod, for always keeping Sickle in line with the Pitman.

SEVENTEENTH.—The Axle is of sufficient length for the Driving Wheels to stride the swath, leaving the grass loose, as when cut by the Machine, instead of pressing it down by the wheels, thereby preventing its rapid curing. All Machines with short Axles, run upon the cut grass, which is very detrimental, especially upon prairie or low wet ground, which so impregnates it with dirt and muddy water that when dry, the dust renders it comparatively of little value.

EIGHTEENTH.—As a Self-Rake or Dropper we have them both complete for all kinds of Grain.

NINETEENTH.—Manner of raising or lowering Knives while in motion, without interfering with Reel Chain.

TWENTIETH.—An adjustable Reel for long or short grain.

TWENTY-FIRST.—Coil Spring to keep Reel Chain at one tightness in all places, rough or smooth.

TWENTY-SECOND.—Cut a stubble from 2 to 12 inches high; drops or rakes the bundle in nice shape for the binder; cuts even; leaves no scattering straws on the ground only when gavels are left; easily managed for driver or team, and in fact is as complete in all its combinations as any other Reaper in market, or public use.

TAKE NOTICE.

Persons ordering Extras for repairs should be particular to state what year the circular was printed in, which the order is taken from. The date can be found on the 1st page.

Price-List for Cast Pieces on No. 2 Mower.

No. of Casting.	Price.
No. 1, Drive-Wheel.....	\$8 00
" 1, Large Drive-Wheel.....	8 50
" 2, Main Shoe, complete.....	10 00
" 3, " " Hinge.....	75
" 4, " " Leading-Wheel Hub.....	25
" 5, " " Leading Wheel.....	1 75
" 6, Large Bevel Wheel.....	2 50
" 7, " " Shifting Clutch.....	75
" 8, Driving Clutch, R. hand.....	75
" 9, " " L. ".....	75
" 10, Spur Pinion, R. hand.....	1 25
" 11, " " L. ".....	1 25
" 12, Crank Head, complete.....	3 00
" 13, " Bevel Pinion.....	1 50
" 14, Hand Lever Circle.....	1 75
" 17, Driving Dog, R. hand.....	15
" 18, " " L. ".....	15
" 25, Upper Crank Shaft Box, complete.....	1 50
" 27, Lower " " ".....	1 00
" 28, Axletree Box Plate.....	50
" 30, Cross Shaft Box.....	1 00
" 31, Axletree Washer, inside.....	15
" 32, " " outside.....	15
" 33, Shifting Box, complete.....	1 50
" 34, " " Lever.....	25
" 35, " " Cap.....	15
" 36, Tongue Socket.....	50
" 37, Track Clearer Socket.....	25
" 38, Seat.....	1 50
" 40, Cast Foot Plank.....	8 00
" 41, Spring Box for Foot Plank.....	75
" 42, Bevel Wheel Shield.....	1 00
" 43, Large Clip.....	40
" 44, Small Clip.....	15
" 45, Large Spur Pinion, R. hand.....	1 50
" 46, " " L. ".....	1 50

MALLEABLE IRONS.

" 50, Dividing Shoe, complete.....	2 50
" 51, Track Board Socket.....	1 00
" 52, Guards with Steel Plate.....	50
" 53, Foot Rack Brace.....	1 50
" 54, Foot Rack.....	1 25
Whiffletree Hook.....	25

Each Machine will be furnished with Neck Yoke, Whiffletrees, two Sickles, complete; two Guards, two Sections, two Guard Bolts, one Wrench, Oil Can, Cold Chisel, Punch and Rivets.

Extra Pieces for Mower that are not Numbered.

Hook Pitman.....	\$3 50
Fork " old style.....	4 00
Sickle Bar, complete.....	7 00
Sections.....	25
Cast Guard.....	25
Large Shield for Crank Head.....	1 50
Wrought Standard.....	2 00
Main Shoe Bolt.....	50
Connecting Rod.....	2 00
Cast Iron Dividing Shoe.....	2 00
Guard Bolts, each.....	10
Wrought Bevel Wheel Shield.....	1 00
Rivets, per pound.....	40
Spring Keys, each.....	05
Coil Springs.....	05
Finger Bar Complete.....	20 00

Price List for Cast Pieces on Dropper.

No. 101, Main Shoe Arch.....	\$1 50
" 102, Reel Standard Socket.....	1 00
" 103, " Bearing.....	2 00
" 104, " Shaft Shelf.....	1 00
" 105, Short Hand Lever Circle.....	1 25
" 107, Drive Wheel Shelf.....	1 50
" 108, Pulley Standard Axle.....	75
" 109, " ".....	1 50
" 110, Small Pulleys.....	80
" 111, Pulley Standard Swivel.....	20
" 113, Treadle Holder.....	60
" 114, Foot Treadle.....	75
" 115, Rock Shaft Crank.....	75
" 116, " ".....	1 25
" 117, " " Holder.....	1 50
" 118, " " Caps.....	15
" 119, Slat Hinge, inside.....	85
" 120, " " outside.....	25
" 121, Cut off Rod Socket.....	60
" 122, " Knuckle.....	50
" 123, Dividing Board Side Iron.....	1 75
" 124, Grain Wheel Hub.....	75
" 125, " ".....	2 75
" 126, " " Extension plate.....	1 00

In ordering extra parts it is necessary in all cases to give the Number of the Machine, which can be found on back part of Frame.

Cash must accompany all orders for Repairs, or they will be sent by Express, C. O. D.

When ordering be very particular to give your Full Name, with Post Office Address, County and State, in which you live, also the Railroad Depot to which you wish them Freight or expressed.

Any one purchasing one of our Machines can have the SELF-RAKE or DROPPER attached hereafter, if they should wish; and we think they will, for we believe it is to surpass all other modes of harvesting grain. When farmers find all they require, in one Machine, they will not be long in adopting it as the implement long sought for.

We could give many testimonials from those who have used the

EAGLE MOWER AND REAPER,

who are acquainted with, and have used other first class machines of the day, who testify to its

SUPERIOR MERITS

over all other machines, both as a MOWER and COMBINED MOWER AND REAPER.

We are aware that such things have but little weight (with those wishing to purchase), compared with a *practical demonstration* of the facts, which are proved by the working of our Machines. We have therefore left out these testimonials, preferring to trust the good judgment of those wishing to purchase, believing we are able to give satisfaction in every particular.

With the determination to keep up with the improvements of the day and age, we have invented and are introducing a new and novel

SELF-RAKE.

WARRANTY.

The EAGLE REAPER AND MOWER is warranted to cut, if properly managed, one acre per hour, or ten or twelve acres per day, either grain or grass, in a workmanlike manner, with one pair of horses. The purchaser is allowed to cut two acres of grass, and also two acres of grain, on trial, and, in case anything proves defective, due notice must be given to us or our agent, and time allowed to send a person to put it in order. If it does not work after this, and the fault is in the machine, it will be taken back, or that part of it which proves to be defective will be replaced, or the money paid for it refunded.

To Farmers who intend to purchase a Mower, or Combined Machine, we will say that our own experience, together with the many testimonials we are receiving from those who are using the EAGLE, prove that the merits of our Machines have not been over-rated. We spare no pains in putting them up in the best manner. You have only to try one to be suited. We are prepared to fill orders with promptness, and guarantee satisfaction.

THE EAGLE MOWER,
WITH SELF-RAKE OR DROPPER,

Manufactured by H. J. HERRINGTON & CO.,

VALLEY FALLS, N. Y.

For Sale by _____

At _____