

FRONT CUT MOWER AT WORK.



The HOWE *
* LIGHT REAPER



REAR CUT MOWER ON THE ROAD.



THE CURTIS
Manufacturing
ALBION, N.Y.

MANUFACTURERS OF

THE **HOWE**

Reapers
AND **MOWERS**

FOR SALE BY

W. & S. BUFFALO, N.Y.

TO OUR PATRONS.

ALBION, N. Y., Jan. 1, 1883.

We take pleasure in again presenting to you our annual circular, descriptive of the Mowers and Reapers manufactured by us.

The superiority of the HOWE MACHINES is so well established, that we are not required to occupy much space to substantiate our claims; and the hundreds of farmers' testimonials we have in our possession will bear evidence to the truth of our assertions. With our new buildings and approved machinery, we are in a position to produce machines as near perfection as it is possible to make them, and at the lowest possible price that a first-class machine can be produced for; and as we have exercised great care in the selection of the material—using none but the best of iron, wood and steel, in the construction of our machines—we have great confidence in our ability to supply you with a machine that will please you, and one that has more days' work in it than any machine ever before offered for sale. Farmers who desire to buy a strictly first-class mower or reaper, call upon a Howe agent, and investigate our claims of superiority over other machines before making your purchase, and remember that the HOWE MACHINES are fully warranted in every respect.

TO OUR AGENTS.

The experience you had last season, in not being able to get machines enough to supply your customers, ought to convince you of your duty, and we would urge upon you the necessity of your sending in your orders at an early date, that you may be confident of getting a sufficient quantity of machines to supply your orders for the coming harvest.

CURTIS MANUFACTURING CO.,

ALBION, N. Y., U. S. A.

THE HOWE REAR-CUT MOWER.

We claim great superiority for an enclosed, geared mower, so constructed, that perfect protection from dirt and dust is obtained. This is secured by letters patent, dated Sept., 1868, improved March, 1880; producing the first machine whose gearing was all enclosed, and forming perfect journal bearings, foot-rests and grass-shield.

Our Draw-Bar and Shoe is made of malleable iron, all in one piece, and is attached to the machine with ball and socket connections at both ends, thus making it impossible to produce binding and cramping of the bar or pitman while working on uneven ground.

Our Tilting Device is *perfection*, and we challenge comparison with any other machine made. We raise or lower the points of the guards to any required angle, without the aid of a rocking joint in the shoe.

Pitman.—Perhaps no part of a machine has caused the farmer so much trouble and loss of time, as the pitman. In this, we have the best. We use the ball and socket on knife-head and cone-shaped connections on crank-end of pitman. It is so constructed, that it is impossible to cramp or bind the knife; all lost motion can be immediately taken up, and it will last the life of a machine.

Folding.—We lift the finger-bar horizontally to any required height, and fold the same perpendicularly to the machine, and lock it for transportation on the road, all with one lever, without getting off the seat, or taking hold of the bar with the hands.

WE CLAIM:

The lightest running mower made.

The original and only perfectly enclosed, geared machine made.

The easiest riding and handling machine.

The most perfectly balanced machine made.

It has forty-four inches of journal-wearing surface; TWENTY INCHES MORE than any other machine made.

It has the only shoe and draw-bar in one piece, with ball and socket connections.

The neatest looking, the most days' work, the least traps, braces, springs, levers, or foolishness, of any machine in the world.

THE LIGHT REAPER

Is too well and favorably known for us to dwell long upon its merits or superiority over other machines, and we, therefore, will only designate a few of its special points, viz.:

The construction of the main frame—cast in one piece, with parallel chilled bearings, adjustable foot-rest, seat spring-holder and ratchets, all cast whole, and of a design distinctly our own.

The Adjustable Foot-Rest and Seat-Holder is indispensable when passing through narrow gateways, bars or fence openings.

Tilting Device is *simple and efficient*, and, together with the perfect balancing of the machine, makes it one of the easiest to ride and operate.

The grain-wheel being on a line with the drive-wheel, allows it to go in and out of dead furrows, without the side-jerk attending other machines not so constructed.

AND WE CLAIM:

The only absolute controllable rake made without changing gears or levers.

The only reaper with ball coupling and one pin.

The easiest handled reaper, both tilting and raising.

The strongest raker-head and connections.

The only reaper using only two bolts in the construction of truck and gear-frame.

The most perfect outside divider and grain-wheel.

The only reaper made that you can raise and lower the outer end of the platform, independent of the inner end, without getting out of the driver's seat.

In short, the only reaper in the world with parallel chilled bearings, reducing the draft 20 per cent., and adding 50 per cent. to the life and wear of the machine.

The Howe Light Reaper weighs 725 pounds; cuts full five feet wide; makes a perfect gavel; is noiseless in its operation; easily adjusted; quickly put together; gotten up expressly for business and days' work in the field, being thoroughly built of the best iron, steel and wood, and is *absolutely warranted by us.*

THE HOWE FRONT-CUT MOWER

Is a mower we placed upon the market last season, and we will venture to say, there never has been a machine offered for sale that ever met with such perfect success as this machine has; and the orders we already have in our possession, from agents who had sample machines last season, will testify to the truth of our assertion. As in our rear-cut mower, we claim great superiority for an enclosed, geared machine; also, for many very valuable improvements never before applied to a front-cut mower, viz.:

It is the only front-cut mower with a perfect floating draw-bar, which enables it to pass in and out of holes and dead furrows, without binding or cramping, and with as much ease as our rear-cut mower does.

It is the only front-cut mower in the world that has no shove-bars or braces from the finger-bar or shoe back to the main frame or axle, which tend to lift the truck from the ground when in heavy grass, thereby destroying the cutting power of all other front-cut mowers made.

It is the only front-cut mower made that has not one pound of weight on the horses' necks when at work, or with the bar folded for transportation on the road.

It is the only side-cut mower that cannot, from mechanical principles, have any side draft.

The Tilting Device is simple, novel and very efficient, and within easy reach of the operator.

We lift, fold and lock the finger-bar in the same position, and with the same device as we use on the Rear-Cut Mower.

All gears, shafts, levers, shove-bars, drive-wheels, ratchets, &c., &c., used in the construction of this machine, are interchangeable with the rear-cut machine—important to agents who handle both machines.

To get a just conception of the superior qualities of the reapers and mowers herein briefly described, it will be necessary for you to call upon one of our agents, and examine them personally; and if we have no agent in your locality, order a machine direct from the factory, and test it in the field.