

1873.

Wilber's Eureka Mower,

DIRECT DRAFT.



MANUFACTURED BY THE

Towanda Eureka Mower Company,

TOWANDA,

BRADFORD CO., PENNSYLVANIA.

S. D. MADDIN, President.
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S. D. MADDIN,
Directors.

CIRCULAR FOR 1873.

OFFICE OF
WILBER'S EUREKA MOWER AND REAPER MANUFACTURING CO., }
POUGHKEEPSIE, DUTCHESS Co., N. Y. }

In soliciting anew the attention and patronage of the farmers of the United States the Wilber's Eureka Mower and Reaper Manufacturing Co. respectfully represent : That no fact in the history of the manufacture of Mowing Machines has been more completely demonstrated than that the best principle on which to build machinery for cutting grass is the one adopted by them, viz : **DIRECT DRAFT**.

This principle has the warrant of *reason* and *common sense*, and now the test of time in the thorough trial and use of the Mowers themselves cannot be denied to have been ample and satisfactory.

The experimental period is in the past, the requisite perfection of a Mower on this principle has been attained and the Eureka Mower is positively declared to be a great success by all who are practically acquainted with it.

We respectfully urge the farmers of the country to carefully read the

POINTS OF SUPERIORITY AND ADVANTAGES CLAIMED FOR WILBER'S DIRECT DRAFT EUREKA MOWER.

1st.—Absolute Direct Draft.—A principle all Mowing Machine Inventors and Manufacturers have been trying to arrive at for years, and which several claim to have achieved, notwithstanding the mechanical fact that the cutter bar is located on one side.

Although to accomplish this we drive one horse in the standing grass, we are enabled to cut the grass trampled by using a long neck-yoke and whiffletrees, and placing the horses outside the cut—cutting against the lodge of the trampled grass on the return of the machine—always mowing on one side of the piece or lot.

2d.—Reversibility.—Which gives the choice of the side to mow on, working the machine back and forth on the side of hills, cutting back and forth across lodged grass, cutting across dead furrows instead of mowing with them, always cutting long swaths—all features of great advantage in practical work.

3d.—Ease of Draft.—Admitting the use of a five feet or six feet cutter-bar, without overworking the horses. By practical use we have fully demonstrated that a five feet bar is worked with the same power required on the average to work a cutter-bar four feet long on side cut mowers.

4th.—Rapidity of Curing.—Caused by leaving the cut grass nearly standing—the most favorable position for the sun and air to have full effect upon *every part of it*. Nothing more is necessary for curing rapidly and evenly. The side-cut mowers are

compelled to drive horses and machine over the cut grass, leaving it in a flat and compact position, the top only being exposed to the air and sun, which is usually over-cured, while the grass is still green under. **5th—Better Hay.**

6th.—Teddars are useless, and in fact an injury when used after the Eureka.

7th.—Superior Conformity to Surface.—Obtained by the use of the **NEW FLOATING FINGER BAR.**

8th.—Simplicity of Construction.—Doing away with the bevel gear, and other “complicated and expensive features” of the old side-cut principle.

The use of **WILBER'S EUREKA MOWER** enables the farmer to cut grass rapidly and cure quickly and evenly. By rapid cutting the extra time gained for curing is of immense importance, coming as it does in most cases, during the middle of the day, when the sun is at the meridian. This, together with the very favorable position of the grass, ensures early gathering of the hay, often saving it from the afternoon showers.

By curing evenly a far better quality of hay is obtained.

On all the above named points we challenge a thorough, exhaustive, practical examination and test in the field by every farmer who intends to purchase a Mower for the harvest of 1873 and hereby declare that all who ignore these statements and fail to accept this offer of trial will sooner or later learn the great mistake they have made.

The changes and additions made in the machines for the harvest of 1873, in connection with the **New Floating Finger Bar**, display the latest important improvements suggested by thorough tests in the field and evince the rapid progress the Company is making towards perfection in the production of Mowing Machines.

For further information address

ISAAC W. WHITE, PRESIDENT.

DESCRIPTION.

The wheels are large and set directly back of the ends of the cutter-bar, which is consequently directly in front of the machine.

The cutter-bar is either **four, five, five and one half or six feet** long, can be set to cut any required height, and is raised by the driver to pass obstructions with perfect ease.

The machine has no bevel gearing, spur gear being used throughout. It has all the advantages of a jointed bar and readily adapts itself to the unevenness of the ground.

The bar being in front, obstacles are more readily seen and avoided than when the bar is at one side.

The pitman works at right angles with the knife, consequently there is not the jar which is so unpleasant and objectionable in all machines where both are in the same line. It is always in the same relative position to the knife, and works equally well whatever the position of the cutter-bar.

The machine can be oiled, obstacles can be removed from the guards, and the bar folded without the driver getting off.

It is readily thrown out of gear by hand or foot, and backs out of gear.

It rides very easy, and affords greater safety to the driver than any other machine.

The horses are placed far apart, with a long neck-yoke and evener, and in use the machine is driven like a side-hill plow or a horse-rake, back and forth on the same side of the piece. One horse walks in the standing grass entirely beyond the cut, pressing it down in the opposite direction, from which the next cut will be made. The other walks in the cleared track, outside the standing grass.

The harvests of 1870, '71 and '72, have fully demonstrated that **Oats and Barley** can be cut with the **Eureka Mower**, to great advantage and then raked with a horse-rake.

The Direct Draft Wilber's Eureka Mower, is warranted to be of good workmanship and materials; to be easy for a team; to leave the grass light and loose, (untrampled;) to cure rapidly, and to do first class work when properly operated.

PRICE.

The EUREKA is so simple in its construction that we are enabled to offer it at a price much below other standard machines of the same capacity.

OUR PRICES FOR THE COMING SEASON ARE FOR CASH:

No. 1 Mower,	4	feet Cutting Bar,	Pony Size,	-	-	-	-	-	\$100 00
" 2 "	5	" "	Standard Size,	-	-	-	-	-	125 00
" 3 "	5½	" "	Extra Size,	-	-	-	-	-	135 00
" 4 "	6	" "	Mammoth Size,	-	-	-	-	-	150 00

DELIVERED ON BOAT OR CARS, IN POUGHKEEPSIE, N. Y.

Furnished with each machine are eveners and whiffletrees, neck-yoke, two knives, two sections, one guard, one guard bolt, rivets, screw-wrench, cold chisel, punch and oil can.

Our agents will be furnished with extra parts for the Eureka Mower, so that purchasers of the machine can be supplied by application to them.

The attention of farmers is especially called to our NEW FLOATING FINGER BAR which gives unqualed conformity to the surface and is one of the greatest improvements made on the Eureka since its introduction.

The CHANGES made on the Eureka Mower, manufactured for the harvest of 1873, were thoroughly tested during the past summer. THESE IMPROVEMENTS add very much to the value of the machine, and give it still greater advantages over the small side cut mowers so generally in use.

Our increased confidence in its GREAT SUPERIORITY is evinced in the following

PROCLAMATION.

We proclaim for the information of hay producers that the DIRECT DRAFT EUREKA MOWER CANNOT be EQUALED by any side cut Mower on the following important points:

1st. Time of cutting; 2d. Power expended; 3d. Quality of work, which is the condition of the stubble, and the way the grass is left for curing; 4th. Time of curing the grass—no tedder to be used; 5th. Quality of hay; 6th. Economy of cost in gathering a hay crop; 7th. Durability of Machine.

It is highly important to all hay producers who are unacquainted with the Eureka that this fact—THE VERY GREAT SUPERIORITY OF DIRECT DRAFT OVER SIDE CUT—should be settled in their minds by a thorough and exhaustive comparative test trial before competent judges.

Therefore, We, The Wilber's Eureka Mower and Reaper Manufacturing Company will PRESENT any Manufacturer \$1000 who will meet us in a trial during the harvest of 1873, and succeed in equaling the Eureka Mower on the above named points by using a Side Cut Mower.

The unsuccessful party to pay all expenses.

ISAAC W. WHITE, President.

Poughkeepsie, N. Y., March 10th, 1873.

PREMIUMS TAKEN IN 1872.

The Grand Gold Medal

OF THE

Vermont State Agricultural Society was awarded to the Direct Draft Eureka Mower, at the great Field-Trial held at Rutland, in July, 1872.

The following **FIRST PREMIUMS** were also **AWARDED** to the **DIRECT DRAFT EUREKA MOWER** in 1872 :

First Premium at the trial of the St. Clair Agricultural and Implement Society on the Alta Vista farm near St. Clair City, Mich., July 9th, 1872.

First Premium at the trial of the East Pennsylvania Agricultural Society at Norristown, June 8th, 1872.

First Premium at the trial of the Nelson Farmers Club, at Nelson, Portage County, Ohio, July 6th, 1872.

First Premium at the trial of the Ambler Park Association at Ambler, Pa., June 12, '72.

First Premium at the trial of the Waukesha Agricultural Society, at Waukesha, Wisconsin, Sept. 13th, 1872, cutting second growth clover.

First Premium at the Chester County Fair, Westchester, Pa., Sept. 1872.

First Premium at the Cattaraugus County Fair, N. Y., Sept. 1872.

First Premium at the Ambler Park Fair, Pa., Sept. 1872.

First Premium at the Montgomery County, (Pa.) Fair, held at Norristown in Sept., '72.

First Premium at the Blair County (Pa.) Fair, Sept., 1872.

First Premium at the Amenia Agricultural Society Fair Dutchess County, N. Y., Sept. 1872.

First Premium at the Rhinebeck Agricultural Society Fair, Dutchess County, N. Y. Sept. 1872.

First Premium at the Dutchess County (N. Y.) Agricultural Society Fair, Sept., 1872.

First Premium at the Fair of the Steuben County (N.Y.) Agricultural Society held at Bath, in Sept., 1872.

First Premium at the Columbia County (Pa.) Fair, October, 1872.

First Premium at the Seneca County (N. Y.) Fair, Sept. 1872.

First Premium at the Yates County (N. Y.) Fair, held at Dundee, Oct. 1872.

First Premium at the Chenango County (N. Y.) Fair, held at Norwich, Sept. 1872.

First Premium at the Oxford Town Fair, Chenango County (N. Y.) Sept. 1872.

The Wilber's Eureka Mower and Reaper Manufacturing Company believe that the Manufacturer receiving an award as important and valuable as the **Grand Gold Medal** of the **Vermont State Agricultural Society**, should be prepared to again demonstrate the correctness of the decision of the judges provided its justness is questioned. The Company therefore cordially invite all Manufacturers of Side Cut Mowers who may have any doubts in this matter to a friendly contest and agree to transfer the Vermont Gold Medal to any one who will beat the Eureka on the following points:

1st.—Quality of work, which refers to condition of stubble and manner of leaving the grass for curing. **2nd.**—Time. **3rd.**—Power expended. **4th.**—Curing of the grass. The unsuccessful party to pay all expenses.

ISAAC W. WHITE, President.

Poughkeepsie, N. Y., March, 1873.

IMPORTANT TESTIMONIALS.**Cutting Oats with the Eureka Mower.****From A. J. Rice, Sodus, N. Y.**

The grain-dividers came to hand all right and worked well in my oats which I cut with your Eureka Mower. Our land is very stony. When I sowed it I had no idea of cutting it with a machine. It is almost covered with hard heads of the size of a man's head and up. As soon as I found on which side to cut, (on the leeward) I could cut it perfectly clean—the grain-dividers would gather the grain in front of the lead-wheels supporting the cutter-bar, and the knives would cut it all off. Then by using my wheel-rake and horse pitchfork I gathered my oats very easily with your Eureka Mower, and in a manner to suit the most fastidious. I have now mowed 54 acres of all kinds of ground, and I must say that for my use I would not trade my Eureka for any other machine made. I have mowed over a great many large stones that no side cut machine that I ever saw could drive over. With the introduction of good rakes farmers would mow their oats and barley if it were not that they were obliged to drive over the grain after it is cut with both horses and machine. But with your mower only one horse touches the grain at all, and he does so before it is cut, and without hurting it in any way that I can see.

From David Mattz, Whitmarsh, Pa.

I believe that machine I got of you—The Eureka—is the best mower in the world. I have used mowers for about twenty years and have had none that gave me as good satisfaction as this. It runs very easy for the team although cutting a five feet swath. I find a great difference in the time of curing the hay. It dries much quicker after this machine than any other I ever used. I cheerfully recommend it to others for I am sure they will be as well pleased with it as I am.

From A. G. W. Titcomb and Amos T. Rowe, Kensington, N. H.

Having used the Direct Draft Eureka Mower this season, we do not hesitate to pronounce it the best machine we have ever used—and would recommend it to all who intend to buy a mower, as cutting quicker, drawing easier, and leaving the grass in a better state to cure than any we have ever seen, and as better adapted to farms where the ground is uneven and hilly.

From H. M. Dudley, Clarksville, Tenn.

I received yours of the 18th and can say that all the farmers who have seen my Eureka Mower work are well pleased with it. I was cutting in the same meadow with the Buckeye. Dr. Dawson's team was much fagged pulling the Buckeye—he asked me to let him hitch to my Eureka—when his team peatened up like they were fresh. The Doctor gave it up and said mine was one-third lighter draft and better every way. If you wish it and will send me a machine No. 2 size nicely painted, I will exhibit it at our Agricultural Fair. My machine is all I could wish.

From Hon. William Kelly, Rhinebeck, N. Y.

Your improved Mower has been operated on my place during the past years' harvest, and has operated to my entire satisfaction, not only as to the quality of work done, but in all other respects, lightness of draft, freedom from side draft, &c.

From J. Shay, Jr., and Edward Shay, Norsham, Pa.

You request me to tell you how I like my Eureka Mower. In reply I will say I like it first rate. It works finely, it is not liable to clog in heavy clover as some other machines are that I have tried, it runs easy, very easy, and I am satisfied that one horse will pull my machine as easy as two will pull some of the leading side cut machines in my neighborhood. It leaves the grass to dry quicker than any other mower I have either seen or heard of. I want no other mower on my farm.

From Ira Sargeant, Bellevue, Mich.

I cut this year fifty acres of grass with one of your Direct Draft Eureka Mowers. Some of the land was very rough and wet and some of the grass was badly tangled. The machine worked first rate under all circumstances. I find the draft much lighter than any of the several machines I have used before.

From Farmers of New Paltz, N. Y.

This is to certify that we have used the Eureka Mower the past season, and find the five feet cutter bar as easy of draft as any four feet bar machine we have ever used. That the Eureka cuts as smooth and as easy a swath as any machine we have used, and has the great advantage of leaving the grass in shape to cure much sooner and easier. We further certify that the Eureka is the safest and easiest for the driver, and no side-cut machine that we have ever seen, can compare with it in mowing side hills or in passing over obstacles. The undersigned have used either the Buckeye, Hubbard, or Ohio & Buckeye combined,

J. J. Van Ostrandt, Maurice W. Freer, George Bedford,
Cyrus D. Freer, Wm. H. DeGarmo, Moses P. Lefevre,

From John Batchilder, Hampton Falls, N. H.

have used the Eureka Mower the past season, and believe it to be the best machine in use.

From Dutchess County, N. Y., Farmers.

We, the undersigned, farmers of Dutchess county, beg leave to state that we have purchased and used Wilber's Eureka Mower on our farms and have great pleasure in saying that we prefer it to any side-cut machine now in use, and for the following reasons:—

First.—It is a direct draft machine, which principle admits the cutting of a five feet swath with less labor for the team than is required to cut a four feet swath on the old side-draft principle.

Second.—A tedder is not used with this machine, the grass being left after cutting in a loose and standing condition, and not being again touched by either horse or machine, it is cured in less time than by other machines using a tedder.

Third.—The machine, being reversible, is peculiarly adapted to cutting on side hills and lodged grass.

Fourth.—We find by actual use in its cutting capacity and in the quality of work done, the Eureka does as good work as the best side-cut machine on level ground, and has no rival in cutting of lodged grass, on side hills and rough meadows.

Wm. Osborn, Oswego Village,	David B. Haight, Clinton,	John H. Overacker, Hyde Park
W. Wodell, Mabbetttsville,	Charles Bell, Lagrange,	Nathaniel Lamoree, Hyde Park,
Gilbert Bently, Clinton,	Edw. Kanus, Pleasant Valley,	Geo. Vandewater, Pleasant Val.
John W. Morehouse Rock City,	David T. Barnes, Po'keepsie,	John A. Thompson, Pine Plains
John C. Marshall, Salt Point,	G. W. Vanderbilt, Hyde Park,	Alex. J. Duncan, North Clove,
Cyrus Snyder, Northeast.	G. W. Alexander, Po'keepsie,	Elias S. DeGarmo, Pleasant Val.
Edgar Knapp, Stanfordville.	Caleb Rolland.	David S. Mitchell, Washington,

From Abraham Grater, Flatland, Pa.

I am very well pleased with the Eureka Mower I bought of you. I could not be persuaded to exchange it for any other Mower I have yet seen. It is handy—it runs easy—and the grass cut by it dries much sooner than when cut by any other machine. I have this to say to you about the Eureka—get plenty on hand for the next season, for all my neighbors who have seen my machine at work were so well pleased with it, that they said if they were not so nearly through cutting grass they would have one immediately.

From Levi E. Lane, Hampton Falls, N. H.

I have used one of the Direct Draft Eureka Mowers the past season, and can recommend it to the farmers of this vicinity as The Machine. It cuts a wide swath—five feet—is of easy draft and the way it leaves the grass for curing is sufficient to warrant me in giving it the preference.

From Amos L. Bingham, Brookfield, Mich.

I bought a Eureka Mower this year I have mowed all kinds of grass with it and find it excels the side cut mowers. I cheerfully recommend it to the farmers of this county.

From A. W. Barber, Lancaster, Wis.

I think the Eureka the best mower I have seen, after using the Wood four years and the Eureka three years. It is the favorite mower in my vicinity.

From Benson J. Lossing, The Ridge, Dover, N. Y.

We finished our hay harvests on the 24th of August, during which Mr. Case, (our experienced farm manager,) reports he cut with the Eureka Mower, used only a few hours each day, full one hundred and fifty tons of hay, all of which was perfectly cured without the use of a tedder, as fast as it could be raked and gathered into barns and stacks. He says it cut about one-third more grass in a given time than he has known any other machine to do with which he is acquainted, and with not more (if as much) labor for the horses than is required in working the easiest of other machines. I bought the Eureka because I was satisfied of the utility of the direct-draft principle of its construction, after making for your use drawings of every part of it. Its practical performance here has satisfied us that my faith was well grounded.

From Myron Harris, Tallmadge, Mich.

In regard to the machine I had of you the past season, I would say that it has more than realized my most sanguine expectations. I have mowed nearly 100 acres of very stumpy pine land and without any extra expense or trouble—mowing so near the stumps that mowing around them with a scythe would not pay. I consider it emphatically the machine.

From William Chamberlain, Red Hook, N. Y.

Your agent, Mr. Fraleigh, has requested me to let you know how I like the Eureka Mowing Machine, and it gives me pleasure to say I am well pleased. It does its work well, leaves the grass in admirable condition for curing, and is easier for the team than any machine I have used.

From J. S. Harrington, Rives, Mich.

Having examined the mechanism and tested the working of the Eureka Mower, I am convinced that for simplicity of construction, ease and facility of execution and durability, it excels all others.

The Eureka is Driven back and forth on one side of the piece. The horses are placed wide apart—outside the cut.
The grass trampled by one horse is always cut on the return of the Machine.



Wilber's Eureka Mower with Five Feet Cutter Bar, at Work in the Field.