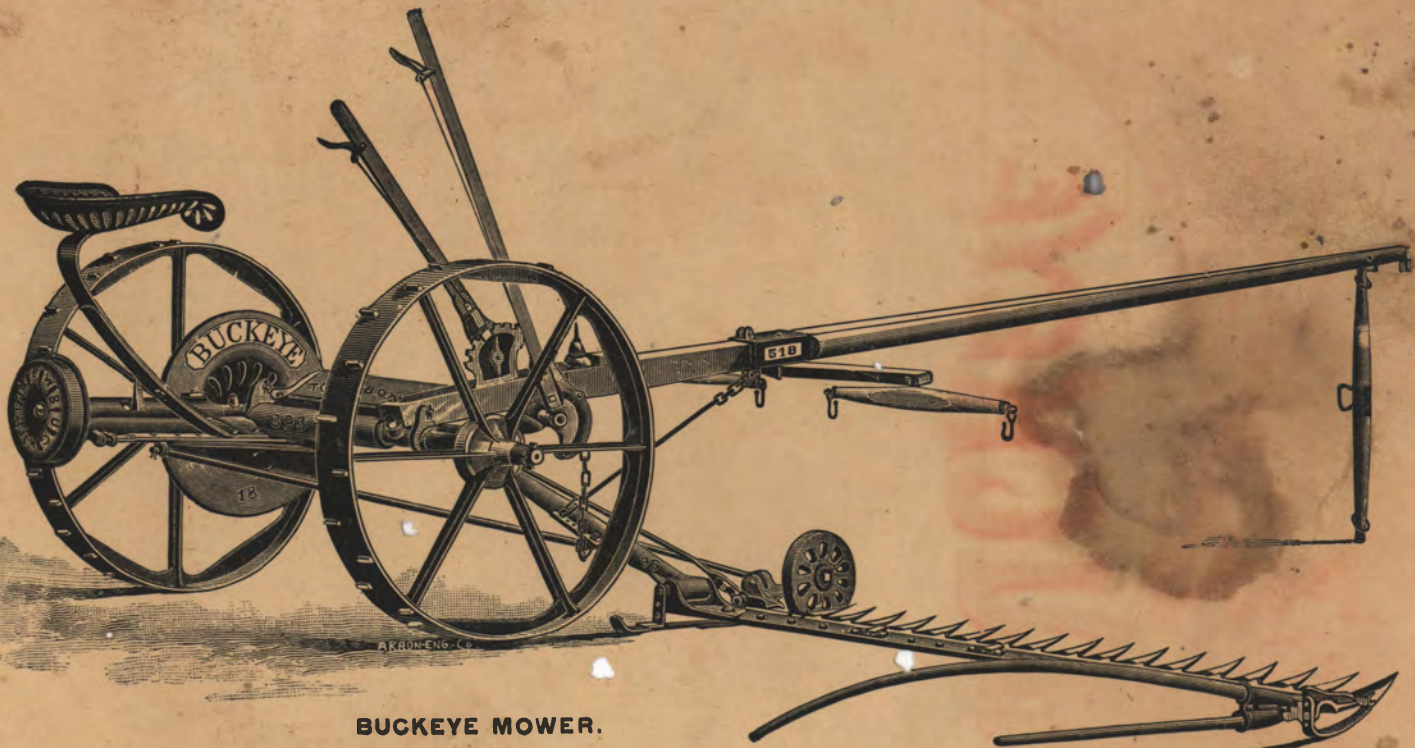


BUCKEYE



Aultman, Miller & Co.
Akron, Ohio.

— USA —



BUCKEYE MOWER.

ILLUSTRATED CATALOGUE

OF

BUCKEYE

Harvesting Machines



LEWIS MILLER.

AULTMAN, MILLER & CO.

MANUFACTURERS,

AKRON, OHIO.

OFFICERS:

GEO. W. CROUSE, President.

IRA M. MILLER, Secretary.

LEWIS MILLER, Superintendent.

R. H. WRIGHT, Treasurer.

1, March!



ABU... off inaugurate the return of prosperity. Never since the war have the material interests of the country shown a more promising outlook. Financially and industrially the pivotal movements of world-wide importance continue to hinge, in an increasing degree, upon the products of agriculture.

It is also true that without the aid of machinery it would not be possible to harvest and save the tithe of such a grain crop as was raised in the United States the past year. This fact places the mechanic and farmer on the same level of importance; the products of each are alike indispensable. As well might an army of soldiers undertake to fight their country's battles without arms as for the army of farmers to assail our modern crops without harvesting machines. The smoke of the forge mingles with the perfumes of the meadow, and toilers in field and factory march hand in hand.

We deem it our first duty to thank the farmers for their liberal patronage. We have no hesitation in making the acknowledgment that the vast growth of the Buckeye interest is due to their appreciation of the superior merits of our machines. Our only regret is that so many persons who wished to buy Buckeyes the last year were compelled to suffer disappointment.

The crop was abundant, and the demand for Buckeye Machines was simply overwhelming. Some thousands of would-be purchasers had to be denied. With the help of large additions to the capacity and efficiency of our factory plant, we shall turn out Buckeyes in largely increased numbers, and expect hereafter to be in shape to honor the orders of all our friends.

This is the sixty-second year since the inception of our house. A record of constantly increasing business, through a period of equal length, cannot be shown by any other house in America in our line of manufacture.

By far the most important event in the history of these works was the invention of the Buckeye, by Lewis, in 1856. A few devices of crude and clumsy construction had been tried the year before, but they were all of such doubtful utility that scythe and cradle were usually employed. The Buckeye revolutionized methods in harvesting. No incident in the history of agricultural machines has been so fruitful of blessings to the world as the invention of the Buckeye.

It is pleasant to be able to add that the Buckeye Mower, which is the oldest member of the Buckeye family, has not only firmly held to its place as King of the Meadow, but is to-day more deeply anchored in popular favor than any harvesting device that was ever built.

The longest stride forward in binder construction during the past ten years was made by the invention of the Buckeye Frameless Binder. All recent binder changes of any importance have been simplifying processes. An inspection of the Buckeye leaves the impression that, in our new machine, the reduction of parts has reached its extreme limit, while both in respect to endurance and excellence of work it has won its place in advance of the front rank of machines now in the American market.

We also build the Buckeye Elevator Binder, of world-wide celebrity, and that light and convenient little machine, the Buckeye Banner Binder. The peculiar merits of each of these machines, also of their Special Attachments, are presented on subsequent pages of this catalogue.

We now ask the attention of the farming public to the more general notice of the machines manufactured by Aultman, Miller & Co., contained in this, their Annual Circular for 1892. Our engravings, supplemented by plain and concise descriptions, will acquaint the reader with the features peculiar to our machines.

We have, in the present case, preferred to show our mowers and binders with horses attached, at work in the field. Other circulars, illustrative of special Buckeye devices, can be had on application. All persons wishing information on points not explained, and a more intimate knowledge of our machines, are cordially invited to make known their wishes by letter addressed to any Buckeye agent, or to the manufacturers,

AULTMAN, MILLER & CO.

BUCKEYE Harvesting Machines

FOR THE HARVEST OF 1892.

Buckeye Mower.

Light, tubular frame. Long shafting. Brass boxing. Adjustable bearings. Simplest gears. Double-hook pitman and shear cut. Direct draft. Close cutting. Light of draft, handsome in finish, durable. Folding the bar for transport. This mower is built in the following sizes:

Buckeye One-Horse Mower.

Built with shafts; 3 feet 9 inch cut.

Buckeye Light Mower.

A very light mower for two horses; 4 feet 3 inch cut.

New Buckeye Mower.

Standard size most used; 4 feet 6 inch cut. This size is also built to combine with Table Rake and Dropper.

Buckeye Wide Cut Mower.

5, 6 and 7 feet cut. Same as above in principle, but with the stronger powers required by the greater width of cut.

Buckeye Frameless Binder.

5, 6 and 7 feet cut. No heavy frame work. Perfect simplicity and reliability. No sectors, no loose-ended axles. No possible twisting of bearings or gears. Unapproached portability over soft ground. Chain drive, only one gear. Cuts through two guards. Best reel, no posts, no chains. Wide range of adaptability. Easiest managed, easiest on team, best work. Excellent bundle carrier. Handy truck.

Buckeye Elevator Binder.

5, 6 and 7 feet cut. Wood frame. Record of good work and durability unsurpassed. First place as prize-winner in field trials. Lightest sector and wheel-frame binder. Buckeye

cutting, elevating and binding parts. Buckeye bundle carrier and truck.

Buckeye Banner Binder.

Dispenses with elevator canvases. Low, light, a favorite over every binder in hilly farming. Very light draft. Clean cutting and saving. Ready for large and long work in any crop. Positive separation. Bundle carrier equal to the best. Best and simplest reel. Handy truck.

Buckeye Table Rake.

4 feet 6 inches in grass, 5 feet 2 inches in grain. Delivers sheaves at side. Makes any sized sheaf. Makes best-shaped sheaf. No superior in down grain.

Buckeye Dropper.

4 feet 6 inches in grass, 5 feet 2 inches in grain. Simplest reaper. Delivers sheaves in rear.

Buckeye Twines.

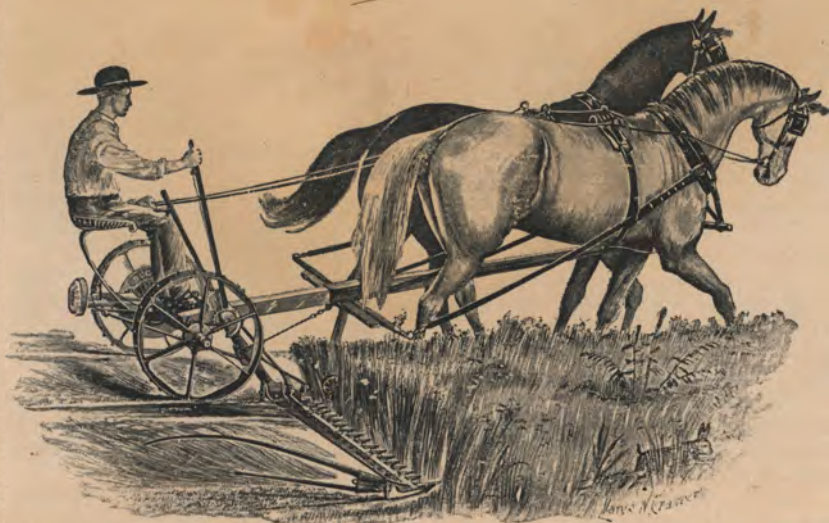
Pure Manilla. Pure sisal. Buckeye Mixed twines. We make our own twine and guarantee it.

Buckeye Attachments.

Buckeye 2 and 4-wheeled trucks for all sizes of all Buckeye Binders. Buckeye Bundle Carriers for all Buckeye Binders. Buckeye Flax and Clover Dump. Header Attachment.

Repairs.

Complete stocks of repairs for Buckeye machines are kept on hand by our branch houses and principal agencies, and are thus made quickly available to purchasers of our machines in all parts of the country.



THE BUCKEYE MOWER.

The Lightest Draft, Strongest, Most Efficient, Durable and Convenient Mower Yet Produced by Human Skill.

Crowned with Highest Honors in All Lands.

NOW and then an elderly man, inspired by the ease with which the farmer of the present day accomplishes his work, tells of the methods in use in his time, until the boys, born in the midst of these improvements, weary at the oft-told tale, turn a deaf ear, or smile with incredulity. It is not our purpose to refer to these changes farther than to say that they can only be realized by bringing the methods of the two periods into direct contrast.

For example, prior to the invention of the Buckeye, grass was universally cut by hand, a slow and slavish operation. After the advent of the Buckeye one boy could do the work of a dozen strong men, and do it far better. We will now briefly state the reasons why the invention of the Buckeye not only first popularized mowing by horse power, but why it still maintains absolute supremacy over every other instrument which has been devised for that purpose.

The vast and ever-increasing demand for the Buckeye in every civilized land is of itself a significant fact. In these days of hot competition, if a machine fails to work, or to last, or to please, it is stamped out. Harvest time is intolerant of anything but instant success. To have completely satisfied such an exacting jury year

after year for thirty-five years, and to have been crowned with the highest competitive prizes in all lands is, indeed, a proud record.

The Buckeye is mounted on two wheels. The use of two wheels is a distinctive Buckeye invention, and looks simple enough, now that other mowers have fallen in line, but only the Buckeye bears the royal stamp of precedence in time.

It has Only Two Gears. The first and slowest speed is transmitted by bevel gears, the second and fastest speed by straight or spur gears. As spur gears will stand twice as much wear as bevel gears, it will be seen that the Buckeye is the only mower geared in harmony with correct mechanical principles. Note also the fact that the larger spur-wheel has its cogs inside, thus always leaving two full cogs in mesh. This is important, preventing the wearing of the cogs to a point, as outside gears do, and consequent lost motion and wear upon the journals.

In the face of the prevailing effort to cheapen mower construction, the Buckeye adheres to its **Long Crank-Shaft**. It costs considerable more, and is worth a great deal more than short shafting. Its bearings are long, brass-lined and adjustable. Great durability, steadiness, and light draft are the benefits accruing from this arrangement.

Our **Pitman** is a single piece of steel, **Solid** and **Double-Hooked**, a device impossible to use on any other mower. Its crank end runs in a brass-lined box, and both its bearings are adjustable. The long shaft guarantees its most important bearing against jarring and wear.

But the greatest advantage conferred by the double hook is that it insures a **Shear Cut**, an impossible thing on a ball, or toggle-joint mower. A shear cut is the cutting as by a pair of shears. Think of shears coupled by a ball-joint connection! And yet some of these ball-joint mowers have the effrontery to claim a shear cut. As a matter of fact, their loose knives are raised off the shearing plates by the least pressure. Their knives are quickly dulled and worn out, and it is only by gearing up, and driving so fast as to shorten the life of the mower, that they are kept going at all. The Buckeye double-hooked Pitman, holding the knife down upon the ledger-plate, enables its owner to cut equally well with horses or oxen, and he can do the best of work in wire grass, sage weed, and hard cutting long after the ball-joint mowers are worn out.

Not only is the knife held down to its work, but it is also kept forward to its place, by clips which are easily renewed if worn by friction.

The Buckeye **knife-heel is steel**, instead of the malleable in common use. The knife is removed for grinding by simply lifting the bar and pulling it out. No pin, bolt, or latch; absolutely nothing to get out of order.

The driver can, by means of the **Shoe-Slide**, at the outer end, and the **Leading Wheel** at the inner end, fix his cut at any desired height.

Levers near his hand enable him to lift the bar over obstructions; also to tilt the bar so that it floats easily over uneven places, gathering up and cleanly cutting off the worst crops.

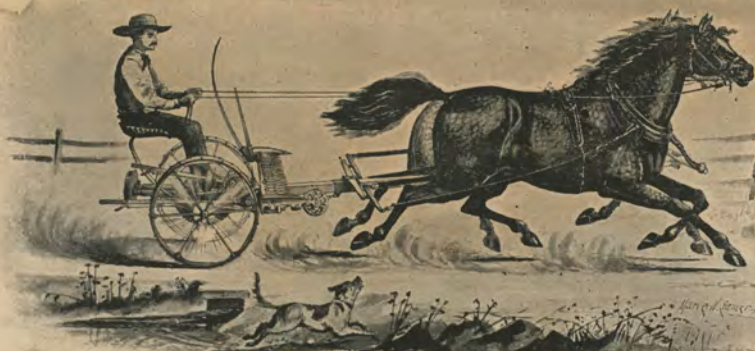
The draft from the cutter-bar to the hames, through the **Sliding Hammer-Strap**, is almost in a straight line.

The **Adjustable Seat Spring** enables the driver to bring the machine to a perfect balance over the axle.

All the wearing parts are amply **shielded** against mud and dirt.

One of our illustrations shows how the bar is **folded over the Tongue** for transport.

When at work in the field the Buckeye cuts the **full width** of the bar, without forcing the off horse to walk in the standing grass.



Buckeye Mower on the Road.

AN IDEAL MACHINE.

A Thing of Beauty and a Joy Forever.

THE above illustration shows the Buckeye Mower with its cutter-bar folded over the tongue in shape for transport on the road, or from field to field. Not one minute's time is lost in either folding or unfolding. When folded the cutters ride just as safely for man, team and mower as any other part of the machine. Nothing is in the way, the view is unobstructed, and there is nothing to do but to go.

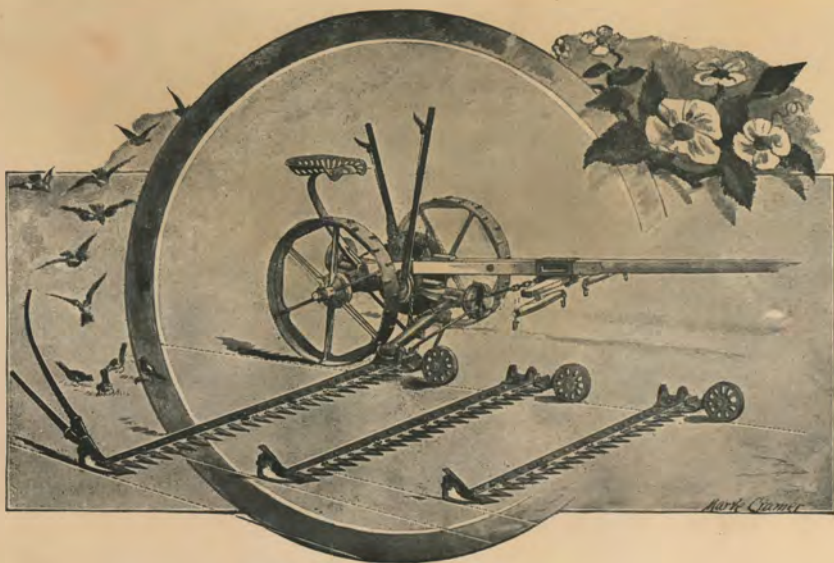
No other mower has such a unique, characterizing feature as this Buckeye folding device. There is not a corner of the earth where hay is made in which the Buckeye Mower is not at once distinguished from all other mowers by this picture. It is as familiar as a household word.

The first Buckeye that was given to the world from the hands of Lewis Miller, in 1856, was made with this folding feature, and no human brain has since been able to approach it in excellence, convenience, safety, and the perfect accomplishment of the purposes for which it was devised.

All Buckeyes Are Numbered.

EVERY Buckeye Machine, whether Mower, Binder or Reaper, is numbered. The number on each machine is also registered in the factory. Owners of Buckeyes can, therefore, order repairs, giving the number of the piece wanted, and, also, the number on the machine, with perfect assurance that they will get exactly what they want.

Having used great care and costly material in building the Buckeye, the machine is naturally accompanied, on leaving the factory, with the best wishes of its makers. No farmer has ever regretted buying the Buckeye.



Buckeye Wide-cut Mowers.

THE wider cut Buckeye Mowers have bars five, six and seven feet long, these lengths being shown proportionately on the above cut.

The longer the cutter-bar the greater the amount of cutting the machine can do, and the greater the power required. Some wide-cut mowers claim to run as light as narrow-cut machines. We prefer to make only such claims as will be verified when our customers put their machines to work. Therefore, we say that, for cutting these wider swaths (and the Buckeye cuts the full width of its bar without compelling the off horse to walk in the standing grass), the wide-cut Buckeye is built with an ample power. The frame and power are exactly adapted to the capacity of the machine. The principles of the mower, as heretofore described, are the same on all.

The One-Horse Buckeye Mower shown on the opposite page is a very light, simple and elegant machine. It cannot fail to give complete satisfaction where it is adapted to the work.

The small cut below the One-Horse Mower picture shows our **Weed Cutting Attachment**. This carries the cutters such a height above the ground as may be desired. It is very highly prized in some sections of the country. It is supplied only on the Buckeye.



Buckeye One-Horse Mower.

AMERICA'S most valuable crop is not wheat or corn, but hay. Hay cutting demands the best mechanism. The Buckeye is the Great Haymaker of the world. Note well its special

POINTS OF SUPERIORITY:

Long Shafting, obviating jar and wear.
 Slow Bevel Gear and Fast Moving Spur Gears.
 Only Four Cog Wheels.
 All Gears and Bearings protected from dirt.
 Solid, Double-Hook Pitman
 Holds Knife down upon Cutters,
 Making perfect Shear Cut.
 No toggle-joint on the Buckeye.
 Knife removed instantly without tools.
 Perfect Lifting and Tilting.
 Smooth Cutting over Uneven Surfaces.
 Direct Draft from Hames to Cutter-Bar.
 Brass Bushed and Adjustable Bearings.
 Lightest Weight, Unequaled Durability.
 Adjustable Seat, Perfect Balance.
 Noiseless Action.
 Folding Cutters over the Tongue,
 Out of Danger, and Out of the Way.

The **Great Prize Winner of the World**, and the noblest triumph of skill in the realm of Agricultural Mechanics. Such is the Buckeye.

The Buckeye Frameless Binder.

**It Challenges the World for Simplicity of Construction,
Perfection of Work, and Durability.**

THE most recent, and by far the most important improvement on binders in late years, consists in a device which at once dispenses with that complicated frame-work of flat or angle bars, or round or square tubes bolted together at the corners, still seen on all binders except the Buckeye. On this machine, which is known by the suggestive name of the **Buckeye Frameless Binder**, the outer end of the platform is carried by the switch-wheel, while the elevator and binding mechanism rests upon the drive wheel which goes on the other end of the platform. The binder, therefore, is borne on its two wheels in the same manner as on two wagon wheels, the rigid platform taking the place of the wagon axle.

Raising and Lowering.—The wheel support and spindle constitute one piece, upon which the machine rests in such a manner that, by the intervention of a worm gear, it is raised or lowered to any desired height. This is by far the simplest and best raising and lowering device to be found on any binder.

The Patent Buckeye Drive-Wheel is a Buckeye feature of unapproached excellence. The hub and spokes constitute one solid piece, the bearings of which upon the rim are self-tightening. Instead of being made up of a large number of pieces screwed together and easily loosened up, and broken down, the Buckeye wheel has substantially only two pieces, and all strain upon it tends only to make it tighter and stronger. This wheel has never shown the slightest weakness.

It can be taken off the axle, and put on, much quicker and easier than on the sector and wheel-frame machines.

The Axle is large, thus preventing wear, and rendering the draft lighter over obstructions and the soft ground where binders are mostly used.

We have dwelt a little on the underpinning parts, and the distinguishing peculiarities of the Frameless, partly because of their novelty; also, because the economical transmission of power is a factor of the first importance, and, also, because the light appearance of the machine, as compared with other binders, might suggest a doubt as to its ability to stand up to the work. Four seasons of severest testing, during which the Buckeye has not failed to fill many thousands of its purchasers with delight, show this doubt to be entirely baseless. In the big harvest of 1891 the Frameless everywhere made its way to the front, inducing a demand which overwhelmed our works with orders that could not be filled.

Gearing.—The Frameless has only one gearing, which is driven by a chain. The journals of the gear wheels run in one solid casting. Twist and disarrangement of any sort is thus rendered impossible. On other binders these important



BUCKEYE FRAMELESS BINDER—REAR VIEW.

bearings are divided and distributed on different parts of the machine. This is the bane of these binders, the racking of the frames jamming the gears together, or pulling them apart, thus effecting their speedy destruction. On the average, many-pieced frame you will find no less than sixteen journal bearings, which may be, and often are, twisted out of line, while on the Buckeye we defy any mechanic to point out a journal which is liable to any such disarrangement. The immense superiority of the Buckeye in respect to long life and easy running are thus intelligently accounted for by the rigid, instead of loose ended, axle, and by the fact that its other journal bearings are independent of, and detached from, any network of framing, thus absolutely insuring their perfect alignment.

Cutter Bar.—The throw of the pitman crank moves the knife through two guards, instead of one, thus saving both power and preventing friction. The driver can, with perfect ease, place the cutters where he wants them, so as to do the cleanest possible work in any crop that grows.

Platform.—The platform is thoroughly braced, rigid, and yet very light, with a simple device at switch wheel for raising and lowering. The top platform canvas runs almost on a level with the cutters, which enables the Buckeye to do superior work in short and tangled crops.

Reel.—The reel has six fans, instead of only four or five. Posts, sprockets, and chains are done away with, one lever sufficing to move the reel both vertically and horizontally where it will do the best work.



BUCKEYE FRAMELESS BINDER—FRONT VIEW.

Elevator.—The Buckeye will elevate any crop, whatever its condition, in the best shape. Its roller bearers have iron shafts reaching from end to end. A marked distinction is to be noted between this durable form of construction and the rollers which are furnished with iron pins driven into the ends. To overcome their weakness some of the short-gudgeon machines use trappy spring devices, and then, in the effort to conceal their real purpose, parade the same before the public as an improvement! Get the Buckeye and you will have the best binder, one that, in every detail, is built upon honor.

Butter.—The Buckeye is equipped with a revolving butter. Experience has amply demonstrated that our butter, with its extension, is not only the best safeguard against choking, but is without an equal in giving good shape to the sheaf.

The Binding Attachment can be moved forward or back so as to adapt the band to long or short straw. We invite careful examination of our knotter and other sheaf-making parts. They are made to last, and will keep on doing perfect tying long after many of the so-called knotters have been worn out and thrown aside. The Buckeye is the most saving of twine, and can do good binding with any twine of sufficient strength; though, to obtain best results, we recommend the use of good twine, such as Aultman, Miller & Co. furnish from their own twine mills.

Thus equipped, the farmer who is supplied with the Buckeye Frameless Binder possesses the most efficient instrumentality for saving his harvest which the highest mechanical skill has ever devised.

On other pages of this catalogue the reader may see the styles of **Bundle-Carrier, Truck, and Flax-Dump**, which we can supply with the Frameless Binder.

The Buckeye Frameless is built with three widths of cutter-bar, viz., 5 feet, 6 feet, and 7 feet.



THE BUCKEYE BANNER BINDER.

Light, Low, Simple.

Passes through Gates.

The Lightest and Handiest Binder.

Has no Elevating Canvases.

First-class Bundle-Carrier.

Open-end Platform.

Will Handle any Length of Grain.

VERY many farmers prefer this form of binder. It is low, light, narrow enough to pass gates, and has the general appearance of a reaper rather than that of a binder. It is readily drawn by two horses, is very easy to handle, and is stored for winter in comparatively small space.

The deck-trip sizes the bundles automatically, so that the driver may go ahead all day, giving the machine no attention except to oil as needed and renew the supply of twine. He can, without leaving his seat,

Move the reel horizontally or vertically,

Throw the machine in or out of gear,

Tie bundles of any size at any moment,

Tilt the cutters up or down,

Discharge the bundle-carrier at will.

The Banner Binder dispenses with the two elevating canvases. Its platform canvas is ten feet long; other binders have to keep up from twenty to thirty feet of canvas. The machine is raised and lowered with the greatest ease.

Tedders carry the grain to the binding apparatus, where it is formed into a neat bundle and bound with absolute certainty. When bound, the bundle is delivered at the side of the machine, and quite out of the way of the team on the next round.



BUCKEYE BANNER BINDER.—FRONT VIEW.

The separation of the bundles is complete in all kinds of grain, a feature which widely distinguishes the Buckeye from the several other unsuccessful experiments in the platform binder line.

The Banner Bundle-Carrier is under the driver's easy control. It saves the labor of carrying the sheaves together by hand, and also saves the grain that is lost by hand carrying. The other so-called platform binders cannot employ a bundle-carrier. In short, there is but one successful platform binder in existence, and that is the Buckeye Banner.

A striking advantage of the Banner for hilly regions, is its lowness and lightness. In such territory it will eventually displace all the high binders. In respect to durability and reliable binding it is without a superior, and it is capable of doing as good grain saving, and as much of it, as any binder whatsoever of no greater width of cut.

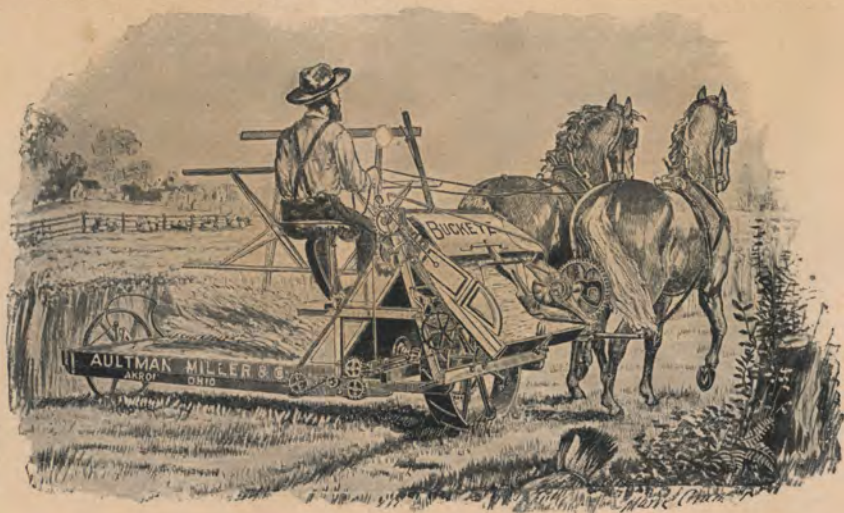
We guarantee the Banner just as squarely and confidently as we do our mower.

AULTMAN, MILLER & CO.

Invite correspondence. They give prompt attention to all inquiries. From the machines and attachments made by them, you can make a selection which is exactly adapted to the requirements of your crop.

A MILLION FARMERS,

Owners of the Buckeye, will attest its excellence. We invite all to carefully examine the Buckeye before purchasing.



The Buckeye Elevator Binder

BAS entered so largely, and so prominently, into harvesting operations around the whole earth that its more distinctive characteristics are generally well known. No labor saving device has made warmer friends. Its large capability, its simplicity and convenience, and, more than all, its clean and perfect grain saving, have made the Buckeye the standard of the highest excellence throughout its field.

The frame work of this binder is of wood, experience having shown that material to be both the lightest and best. Steel frames are not the most durable, and they are even more liable to disarrangement.

Having brought the Buckeye wood frame Elevator Binder to a point of perfection which gives unvarying satisfaction, Aultman, Miller & Co continue its manufacture in order to supply a large class of the best and thriftiest farmers in the United States. This machine has reaped a splendid harvest of first prizes at field trials in competition with steel frames on the ground of its superior work, and lighter weight and draft.

The cutting, elevating and binding parts are made in the same manner as on the Frameless Binder, to our description of which we refer the reader.

With this binder we are able to furnish the handiest and best forms of bundle carrier, flax dump and two or four-wheeled trucks.

The Buckeye is furnished with the following widths of cut. 5 feet, 6 feet and 7 feet.



BUCKEYE ELEVATOR BINDER.—FRONT VIEW.

NOTE WELL THESE DISTINGUISHING MERITS.

Buckeye Elevator Binder:

Lightness of Machine.

Easy Draft.

Capable of Handling Short or Tangled Crops.

First-class Flax and Clover Attachment.

Self-tightning, Indestructible Wheel.

Solid Gear-frame.

Elevator Reliable for all Crops.

Solid Iron Centre in Elevator Rollers.

All Parts Accessible for Oiling.

Close Cutting and Perfect Saving.

Perfect Balance. No Neck Weight or Side Draft.

Brass Boxing. Protected Gearing.

Smooth Cutting. Least Wear and Friction.

Light, Well Braced Platform.

Twine Saved. Tight Tying.

Positive and Reliable Binding.

One Reel Lever — no Chains — no Complications.

Wide Range of Cutting and Reeling.

Revolving Butter and Best Sheaf Maker.

Simplest Handy Bundle-carrier.

Most Convenient Truck.



Buckeye Flax and Clover Dumping Attachment.

AS WILL be seen by the cuts, our Flax and Clover Attachment is a most simple device. The farmer who has it needs no other clover cutter, and he can save his Clover and Flax easier and better than by using a reaper. This Attachment also often comes very handy in Buckwheat and Oats. It has been in much demand, and is entirely practical.

The Flax, Clover or other grass seed is elevated and handled with gentle movements that cause

the loss of no seed. The bunches are delivered by a lever near the driver's hand. A boy can operate it. We need hardly say that the draft is very light, making it an easy job on the team.

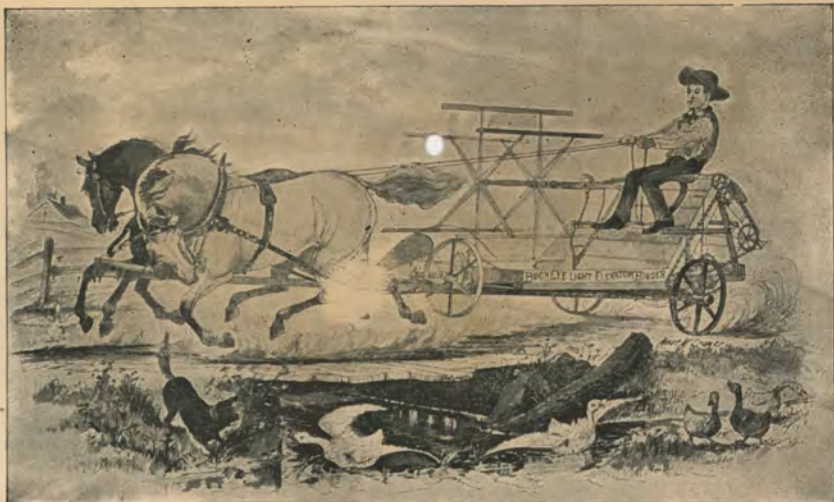
The Buckeye Header Attachment.

THE Buckeye Header Attachment enables the farmer, who wishes to do so, to cut and save the heads of his grain, leaving the straw to stand for feeding or fertilizing purposes. Sometimes the farmer may wish to leave the straw standing in one field, and to cut and bind his other fields in the ordinary manner. It is a simple, light, and light-running device, and it is an easy matter to take off the binder attachment and put on the Header.

The outer end of the Header is held at any height that may be desired, being raised and lowered by means of a rope which may be lengthened or shortened by the driver without leaving his seat. It can be attached either to the Elevator or Frameless Binder.

The grain-carrier is a canvass, same as is used on the Binder, but longer, and runs very light. In short, the Buckeye Harvester, equipped with both our Binder and Header, leaves nothing better to be desired.





Buckeye Binder Truck.

THE cut shows the binder loaded on our two-wheeled truck. It is loaded by simply lifting the binder well up by means of the harvester lifting crank, when the truck is run under the platform end to its place beneath the binder. Then use the crank to lower the binder, when the drive-wheel is lifted off the ground and the machine is loaded. The binder tongue being attached to its place, the truck can be driven over the roads, and from field to field as easily as a cart.

The Buckeye Truck is strongly made, and is a perfect model of simplicity and convenience.

This truck is adapted to the easy transport of the Buckeye Frameless, Elevator, and Banner Binders.

Buckeye Bundle-Carrier.

THERE is no feature of harvesting machines which repays the investment better than the Buckeye Bundle-Carrier. It receives the bundles as they are bound, and saves the farmer all the drudgery of sheaf gathering. In addition to this it saves the shelling out of over-ripe grain in dragging the sheaves over the stubbles. We have been furnishing bundle-carriers for some years, and the rapidly increasing demand proves that they are exactly what the farmers want. The Buckeye is at every moment under the complete control of the driver, and is at once the simplest, and most reliable and efficient bundle-carrier made.



Buckeye Table Rake.

WHILE the use of binders has become nearly universal in the great grain-growing regions, there remain good farming localities where reapers, and combined machines, are in demand. Aultman, Miller & Co. continue the manufacture of the Buckeye Table Rake, a reaper of unequalled capabilities. It is made either as a single reaper or as a reaper and mower combined. The change of bars is the work of a few moments. As a reaper it delivers the bundles automatically at one side, and out of the way of the machine on the next round.

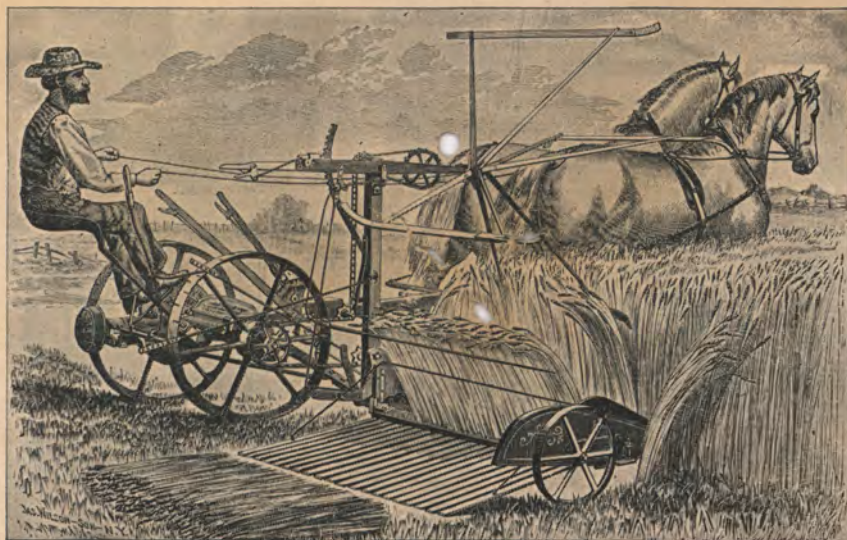


Buckeye Repairs.

THE isolated nature of the farmer's occupation, makes it incumbent on the manufacturer to use all possible effort to assure him against loss of time, in case of accident. The Buckeye requires few repairs, in comparison with the more complicated machines of its competitors, but breaks sometimes occur through no fault of the machine. For these reasons repairs for the Buckeye are kept by all our agents. To save time, trouble and money, make sure to get **genuine repairs from the exact patterns, which come only from the Buckeye manufactory.** And,

REMEMBER THIS:

No manufactory guards the interests of its patrons in respect to possibly needed repairs with more scrupulous, painstaking effort. Buckeye agencies having a good patronage, are now and then surrendered because of the few repairs sold; but it is our inflexible rule that where our machines are sold, there repairs must be kept for the possible needs of the farmers who have bought them.



The Buckeye Dropper.



COLUMBUS.

THE Buckeye Dropper is at once the lightest and simplest form of harvester. It has two cutter bars, one for reaping and the other for mowing. As a reaper, it deposits the bundles in the rear, in proper shape for binding. As a mower, it possesses all the splendid advantages of portability, lightness of draft and durability, which are well known to characterize the Buckeye. This is the cheapest form of harvesting machine, and for farms of mixed crops and small acreage, it is one of the most popular.

Our Columbian Calendar.

The Buckeye Annual Calendar for 1892 is in the form of a beautiful World's Fair souvenir. It is a reminder of the fact that this is the 400th year since the discovery of America by Christopher Columbus. It is a very convenient calendar for family use, and we would be glad to see it in every farm house in the land. Mailed free on application to either of our Branch Houses, or to Aultman, Miller & Co., Akron, Ohio.



BUCKEYE WORKS AT AKRON, OHIO.

The Buckeye Factory.

THE Buckeye manufacturing plant, at Akron, Ohio, is one of the most extensive industries in the country. Naturally we take great pride in this grand and systematic aggregation of labor-saving machines, many of them invented by the same brain that produced the Buckeye, and specially adapted to our own uses.

But in the far-reaching success of Buckeye Harvesting Machines, there has been a more potent factor at work than our shops, vast as they are, and equipped as they are with the marvels of skilled mechanism. This factor is the approbation of the farmer. He has

This Pleasing Assurance, and One that is Founded on the Rock Bottom of Truth and Experience:

To have the Buckeye is to know, positively, that your grass will be cut, and your grain saved, in the best shape and with the utmost rapidity, ease and economy which the very best material and the most advanced mechanism can place at your disposal.

In other words, the farmer who is equipped with the Buckeye knows that he is going through his harvest **without delay and annoyance.**

Of all the houses engaged in making this class of machines in 1856, not one now exists except the Buckeye. Most have disappeared—all others that survive, in any form, have changed. The indispensable condition of such a career must be such a superiority of machines as meets and holds the approbation of the farming public. These plain facts of themselves, furnish a more solid proof of intrinsic excellence than could possibly be compressed into printed books.



BUCKEYE TWINE MILLS.

Buckeye Twine.

TULTMAN, MILLER & CO.'S twine manufacturing enterprise has proved to be most satisfactory. It has freed our trade from the impositions of hostile interests and monopolies. We buy our twine stock from the importers of raw material, and make all popular grades of twine, viz.: Pure Manilla, Pure Sisal and Buckeye Mixed twines.

The experience of our patrons has thoroughly established the fact that by using Buckeye twine the farmer is assured of immunity from the vexations to which he is constantly liable from the use of inferior grades.

While it is true that the Buckeye knotter can utilize all grades of twine in binding, we need hardly say that the better the twine the more regular and perfect is the work of the machine.

We guarantee our product, and invite correspondence from all who desire first-class twine in large or small lots.

Farmers know that Buckeye twine is always as represented, and we are assured of a large demand for 1892.



Distribution of the Buckeye.

AKRON, Ohio, is greatly favored in respect to manufacturing and shipping advantages.

Three great railroad systems, the Pennsylvania, the Erie, and the Baltimore & Ohio, have direct access to our shipping docks. The city is also centrally located in one of the most important coal and iron districts in the country.

In order to be prepared for the prompt distribution of Buckeye Machines and Repairs to their patrons, everywhere, Aultman, Miller & Co. keep full supplies of their goods at their following



BUCKEYE FACTORY SHIPPING DOCKS.

BRANCH HOUSES:

AULTMAN, MILLER & Co.,	. Dallas, Texas.
AULTMAN, MILLER & Co.,	. Kansas City, Mo.
WM. KOENIG & Co.,	. . . St. Louis, Mo.
AULTMAN, MILLER & Co.,	. Denver, Colo.
TRUMAN, HOOKER & Co.,	. San Francisco, Cal.
AULTMAN, MILLER & Co.,	. Council Bluffs, Ia.
AULTMAN, MILLER & Co.,	. Minneapolis, Minn.
AULTMAN, MILLER & Co.,	. Des Moines, Ia.
AULTMAN, MILLER & Co.,	. Cedar Falls, Ia.
AULTMAN, MILLER & Co.,	. . . Chicago, Ill.
AULTMAN, MILLER & Co.,	. Indianapolis, Ind.
AULTMAN, MILLER & Co.,	. Cincinnati, O.
BUCKEYE MACHINE Co.,	. . . Lansing, Mich.
AULTMAN, MILLER & Co.,	. Rochester, N. Y.
AULTMAN, MILLER & Co.,	. Baltimore, Md.
AULTMAN, MILLER & Co.,	. 18 } New York.
Warren Street, (Eastern Ex-	port House,)



Persons in want of Machines or Repairs, or Agencies for Machines, can apply to either of the above houses, or to Aultman, Miller & Co., Akron, Ohio.



BUCKEYE FRAMELESS BINDER.



The
Buckeye

**BINDERS
MOWERS**

AND

**BINDER
TWINE**

