



ADRIANCE

FARM MACHINERY

ADRIANCE PLATT & Co

NEW YORK OFFICE
165 GREENWICH ST.

POUGHKEEPSIE,
NEW YORK, U.S.A.



ADRIANCE, PLATT & Co.

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POUGHKEEPSIE, NEW YORK, U. S. A.,
January 1st, 1905.

With preparation for the Season of 1905 began our second half century in the manufacture of Harvesting Machines. A little more than a century ago manufacturing was practically unknown in this country, and it was not until about the time our factory was established that the manufacture of Harvesting Machinery attained any great importance in the United States.

The half century of our history covers nearly the entire commercial development of Farm Machinery. During these fifty years, with the skill and knowledge gained by experience, we have steadily followed one policy; namely, to make machines which would give the greatest service at the least expense to the purchaser, and place them in his hands through responsible agents.

It has always been our practice to confine our manufacture within the limits of careful supervision in every department of the business, and our effort has been to produce and offer to our customers the best machines that could be built for harvesting grain and grass.

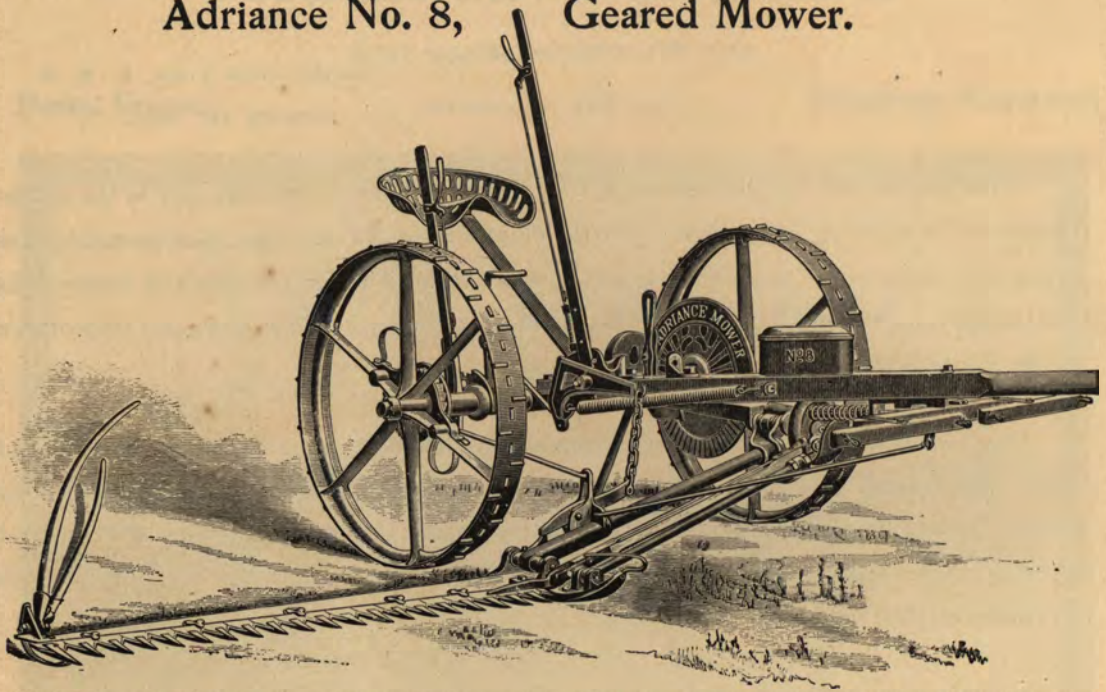
We invite the farmer who is in need of Farm Machinery to inspect the machines which this catalogue briefly describes, and consider whether or not our methods are likely to produce the best machines and offer the most satisfactory business relations.

ADRIANCE, PLATT & CO.
ESTABLISHED 1855.

ADRIANCE. PLATT & CO. ESTABLISHED 1855.

Adriance Farm Machines give the best service for the longest time at the least expense.

Adriance No. 8, Geared Mower.



All our Mowers, and Ours Only,
combine the following Features. Every one Valuable.

Automatic Spring Draft,

Large Driving Wheels,

Visible Pawls and Ratchets,

Very Long Pitman,

Long Bar Couplings,

Forward acting Foot Lever,

Tubular Frame,

Level Crank Shaft,

Level Coupling Hinges,

Spring Balanced Bar,

Roller Bearings,

Rolling Tilter.

They are the Simplest and best proportioned, the most convenient in use,
and the Lightest in draft.

ADRIANCE FARM MACHINERY

The Adriance Mowers, Nos. 8 and 10, Gear, and Nos. 7 and 9, Chain Drive.

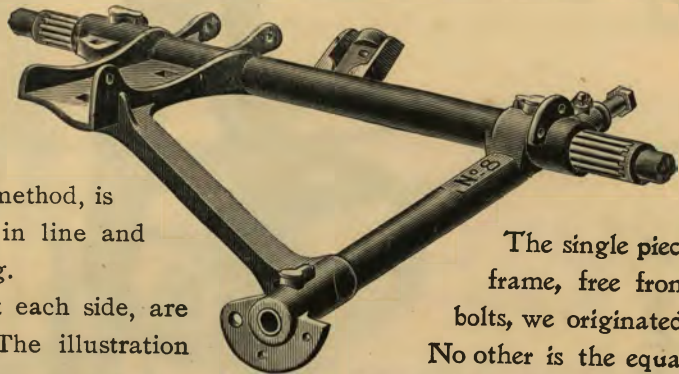
These two styles are built in the same sizes, modeled the same, not only in general features, but also in individual parts, excepting the few which must differ for the two methods of transmitting the power.

Which for you The purchaser obtains his preference as to method of gearing and secures all other good features in either mower. Both systems of driving mechanism are shown in the following description. The distinguishing numbers of the styles and sizes and the different lengths of cut are shown on page 11.

Has no Equal Our Frame is a single piece, light and simple. The tubular forms used in its construction secure the greatest strength and rigidity attainable with a given amount of metal.

Every boring is made in one operation, by a special machine into which the frame is rigidly clamped. Only in the single piece frame, and by our method, is it possible to secure accuracy in line and position for shafting and gearing.

Between axle and frame, at each side, are fitted large roller bearings. The illustration shows them partly drawn out.



The single piece frame, free from bolts, we originated. No other is the equal of this in construction.

Rollers sustain all weight On these rollers is carried the entire weight of Machine and driver, which is thus borne by the driving wheels. Thereby we secure the greatest possible power for cutting with the minimum of friction. The frame tube, enclosing the crank shaft, has brass composition bushings turned to a driving fit and reamed after placing; making the most durable bearing for a crank shaft.

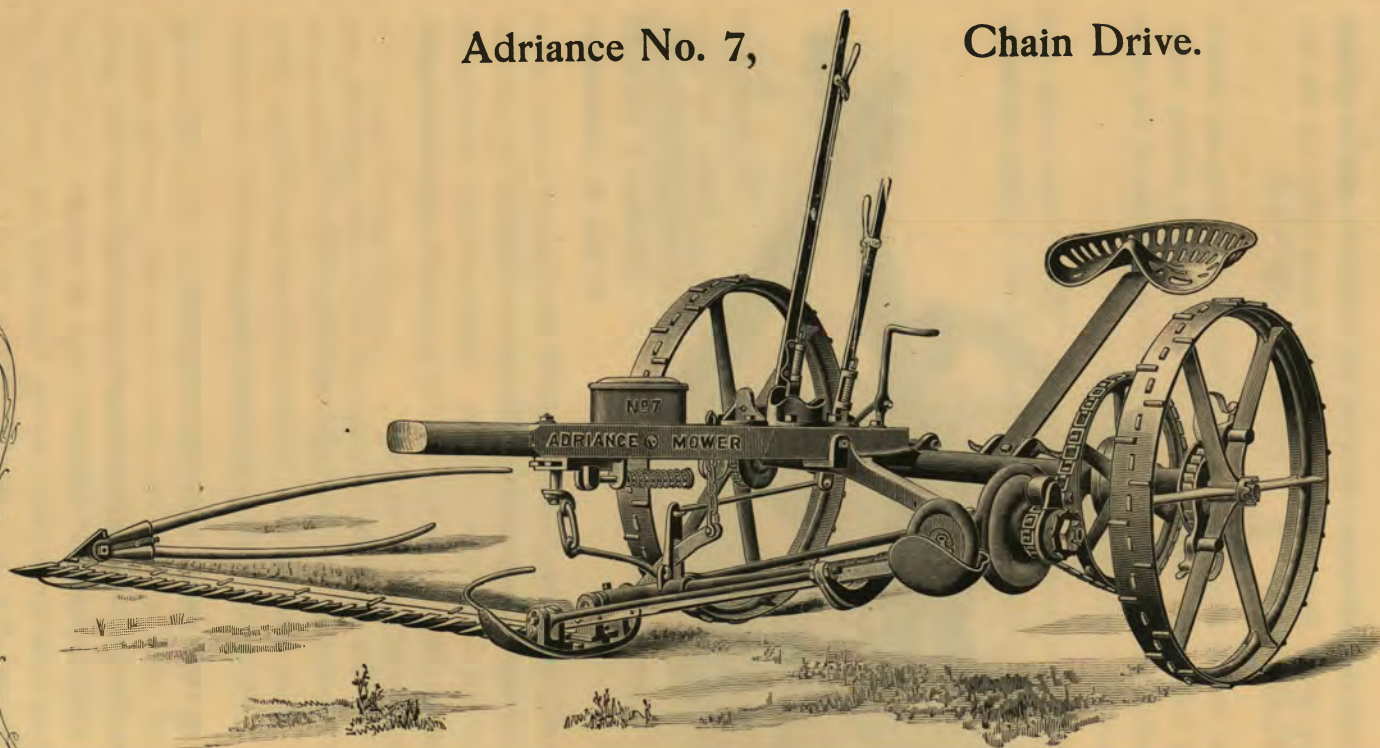


All our Roller Bearings are of the most approved construction. A rigid cage retains the rollers in place and in line, insuring their freedom to roll without friction. They are carefully adapted in size for the load they have to carry.

Starts quick in grass By large driving wheels and a very long axle we secure the easiest rolling draft, and avoid running over the grass cut on the preceding swath. Weight is well divided between the driving wheels, and each is provided with two pawls so adjusted that when either wheel rolls ahead instant cutting movement is given the scythe. Because our gear clutch is on the quickest moving shaft and can not back up there is no lost motion in clutch and gear, as in other mowers, to be taken up by ratchets before the scythe is started. Our pawls and ratchets are open to view and always in order.

Adriance No. 7,

Chain Drive.



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ADRIANCE FARM MACHINERY

On our Chain Mowers, a driving Sprocket Wheel on the axle transmits motion by a Chain forward to a Bevel Wheel which, at its rearward edge, drives the Crank Shaft Pinion.

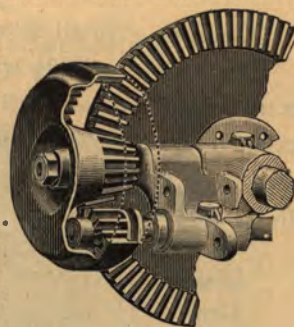
The crank shaft revolves in brass composition bearings and is of good length, its rearward bearing being back of the pinion. A screw Ball Bearing, at the end of the hub of the bevel wheel, provides for adjusting it accurately in mesh with its pinion and avoids friction from side thrust.

By means of an adjustable Chain Tightener any slack of the chain is taken up and it is ready to start without lost motion.

Our Chain Drive is unequalled by any mower of this class for free running, easy draft, and durability.

Our system of gearing has been used by us since 1857. Bevel and spur gear is employed in accordance with the most scientific mechanical usage to secure the greatest durability and the best results with the least expenditure of power.

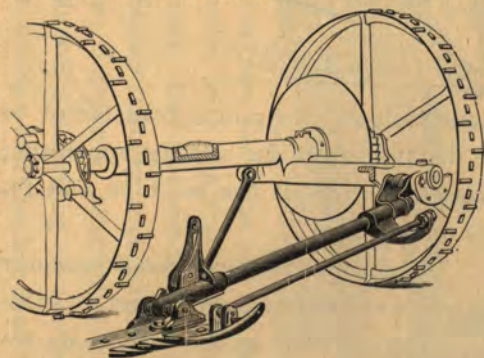
Unique and unequalled No other mower has gearing as simple or with so long a record of success. Both pinions are large with well formed cogs, durable and efficient.



Our Chain Drive The chain drive used on our mowers No. 7 and 9 is illustrated and described on the opposite page. On all of our mowers the driving mechanism is compact and near the left driving wheel where it aids in giving equal power to that wheel, and is out of the way of the driver.

The test of time The speed given to the scythe is that which our more than fifty years of successful experience has proven to be the best for grass cutting. While the machine is in motion, the scythe can be instantly started or stopped by a gear shifter convenient for use by either the hand or foot of the driver.

Frame and Bar Couplings Our original coupling of the cutting apparatus to the frame, hinged to both, permits independent movement of either over uneven ground, and yet thoroughly braces the bar.



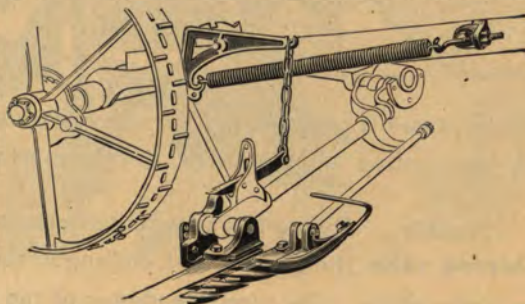
The hinges being level with the ground and exactly in the line of travel, the finger-bar is carried free from all force except that which carries it forward.

The long couplings and the position of the hinges, relative to the pitman connections, secure the least possible variation in the registry of the scythe as the bar follows an uneven surface.

The diagonal rear brace diverts strains sideways, and if a fixed object is struck, obviates danger of breakage. The strong front brace gives full protection to the pitman.

Bar carried lightly The couplings and cutting apparatus are hung on a lever and sustained by an adjustable spring. Their weight, except that desirable to keep the bar down to its work is placed on the machine where it is available for power.

By a simple lever arrangement on the coupling, the lifting force of the spring sustains not the inner end only, but the whole bar, and is distributed in proper proportion so that the bar at either end is free to follow the variations of the surface through ditches and over furrows and to do always the neatest work.



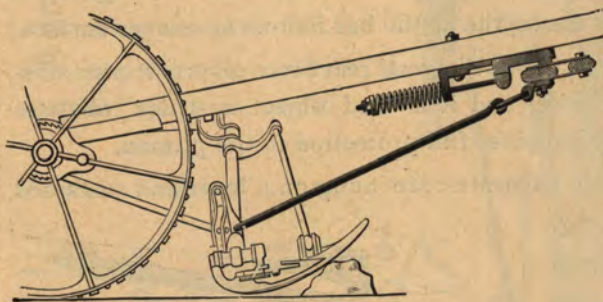
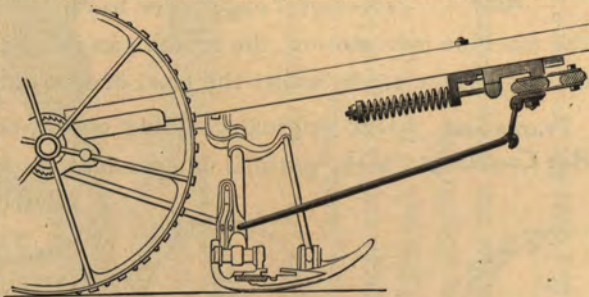
Consider the draft In all mowers, motion and power for cutting are obtained by rolling the driving wheels. This can be done only by means of their axle. There is no other way, and all indirect draft attachments for hauling a mower reach the axle eventually, but subject to several valid objections. On mowers hauled through the couplings, the bar cannot have the absolutely independent action that is secured in our direct draft mowers.

Direct Draft We have used always and still use the true principle of draft by the pole direct to the axle. One of the greatest improvements made in mowers in recent years and of special value to the machine user, is our patented Spring Draft and automatic Draft Rod. This enables us to adhere to the direct draft for work, and

Ours exclusively still when desirable, to temporarily transfer the pull, wholly or partly, to the cutting apparatus and with direct draft secure every advantage which a draft rod ever gives.

The Pole does its work Under ordinary conditions of work the pull is by the pole, our patented draft rod hangs loose and does not affect our freely hinged, spring balanced bar. In event of the bar striking an obstruction, the whiffletrees compress the spring against which they draw, slide forward, the draft rod is made taut, and the pull is transferred to

The Draft Rod does its work the draft rod, and directly from the whiffletrees to the cutting apparatus; thus avoiding all unusual strain upon other parts of the machine and reducing to the minimum a possibility of breakage.



Under all varying conditions our draft is where it should be and is automatically shifted as the conditions require for the best results. On rough, heavy or uphill work our draft rod acts only to the required degree; when necessary it assists the carrying spring in giving to the cutting apparatus the desirable lightness on the ground and

never causes it to jump and do uneven work, as is necessarily the action of a draft rod to the cutting apparatus or couplings as used on other mowers.

Possibly beyond value Owing to our patented method of draft, our driving wheels do not lift off the ground and endanger the safety of the driver when the bar strikes an obstruction. The direct tendency of the draft rod on some mowers is, under such a condition, to lift the wheel and throw the driver.

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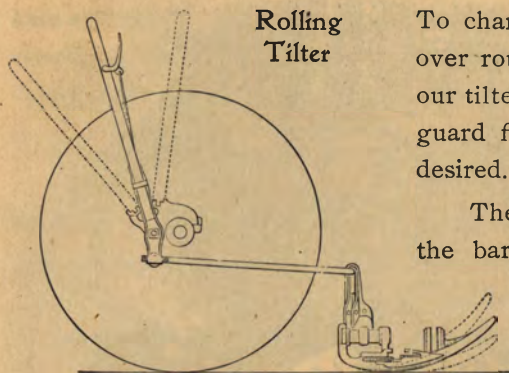


THE ADRIANCE MOWER EASY FOR DRIVER AND FOR TEAM.

Seat safe and comfortable. Plenty of foot room, with opportunity to change position. Every lever handy and easily operated from secure position in the seat. One foot will do most of the necessary operating. Everything in sight. Oil cups few and accessible. Steady running, least jar, no side draft, no neck weight. A distinguished professor of Agriculture in a European University, after draft tests continued for several days at a Government Trial, declared that the Adriance showed a surprising regularity of the power needed, such as had never before been noted in a mower trial, and an average draft far less than that of any other mower.

ADRIANCE FARM MACHINERY

Valuable otherwise Our spring draft saves the team from shocks and strains in rough mowing and the uniform draft it secures makes any work less wearing on the team and more work can be done in a day.



**Rolling
Tilter**

To change the cut while in motion, or for mowing over rough or boggy ground, or for very close cutting, our tilter is not excelled. The handy lever points the guard fingers upward or downward and locks them if desired. The cut shows three of the five positions.

The axis of tilting motion is at the rear edge of the bar, giving the greatest change at cutting point without forcing the rear of the bar down into the ground or throwing it up unduly.

The degree of tilt can be varied, within proper limits, to suit your particular work by adjusting thread on tilting rod.

Nothing more essential Our pitman rod is of choice second growth hickory with connections of steel. It is perfectly aligned, longer than is used on other mowers, and driven by a vertical crank wheel. These features give it the most direct action, lessen draft and wear and obviate to the greatest degree the breakage of rod or scythe.



A principle involved The direction of rotation of our crank wheel increases these advantages. Our pitman is at its greatest angle on the outward stroke when the indirect pressure tends to press the scythe to its cutting bearings. On the return stroke, so slight is the angle of our long pitman, that we have the minimum of lifting, wearing force. Although we most nearly avoid all wear from indirect action we fully guard against what will occur by our patented steel scythe head guides to be described.

How it is made The steel parts of our Pitman are forged in dies, securing an accurate fit to the connections. Such wear as may occur can be taken up and lost motion prevented. A spring locked nut provides quick and easy means for adjusting the scythe connection. The substantial crank box is of tough brass composition, provided with a reservoir for self oiling.

Look well at this The cutting apparatus is the most important part of a mower, and in making ours we give great care to details. Our guard fingers are milled, gauging from the cutting edge, so that when attached to the planed edge of the bar the cutting plates are perfectly in line. The side projections on the guard fingers form a brace from end to end of the bar; and each guard being so fitted and braced is firmly held by one bolt, rendering it easy to change when worn.



Renewable steel wear plates support and guide the rear edge of the scythe. Adjustable buttons hold the point of the sections flat on the guard plates and the scythe in its movement makes a perfect shear cut. The steel plates in our guard fingers are oil tempered, accurately ground and serrated.



Tells on Draft and Wear Ample clearance is provided for the escape of grit and gum between both guards and wear plates. Guard bolts have countersunk heads flush with the bar or button, and the bar presents a smooth top offering no obstruction in passing under the cut grass.

We only do this Our scythe head moves between changeable steel plates in the inside shoe. This is a patented feature peculiar to our mowers. As on all mowers the rotation of the pitman crank wheel creates an up and down motion, wearing the scythe head guides; the importance of our improvement will be appreciated.



Bear this in mind On no other minor part is the success of a mower so dependent as upon the scythe section; with an experience of forty years we make the best section that can be made. Some manufacturers purchase sections from outside makers and their entire cutting apparatus is put up almost without special work.



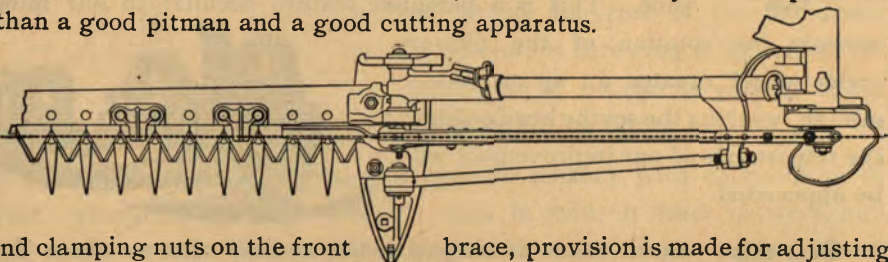
ON THE ADRIANCE MOWER THE BAR IS EASILY OPERATED BY DRIVER'S FOOT.

Tells on a Day's Work Full length of cut, ample space for the off horse, and freedom from side draft, are all secured to perfection in the plan of the Adriance Mowers.

Most Power, Lightest Draft The cutting power of all Mowers being derived from the impact of the driving wheels with the ground, we place all the weight of machine, the driver and the surplus weight of the bar on the driving wheels and transmit the motion by the best plans in the best manner. Our Adriance, more fully than any other mower, applies all the power to work. The excellence of our machines in every respect, with our patented spring draft rod, gives us the lightest and most uniform draft.

We Have it Perfect alignment of Pitman and Scythe is of scarcely less importance than a good pitman and a good cutting apparatus.

See the Line



By the thread and clamping nuts on the front brace, provision is made for adjusting against the wear of joints to maintain the proper alignment, the whole life of the mower.

A Unique Feature Folding the bar over the pole is a feature of all Adriance mowers. The bar rests securely and no fastening is required. No other method of folding compares in safety or convenience.

Appreciated by Driver The Lifting levers are used with ease by either hand or foot, as the bar carrying spring assists. The levers, when not in use, are held upright and steady, in easy reach.



ADRIANCE MOWER. BAR FOLDED OVER THE POLE.

Don't lift Driver out of seat The Foot-Lever is where the driver can instantly use it without any awkward movement, as he presses it forward his position in the seat is rendered more secure and his power on the lever is doubled. With the foot-lever he does most of the operating. The Lifting Levers may be used together or

separately, as each has the same effect on the finger bar and either is right for quick use, carrying the entire bar to an exceptional height and locking it if desired.

Everything The Tilting Lever on our mowers is close to the driver's right hand.

"handy" The Gear Shifter is convenient for use by either hand or foot.

Height of cut is quickly adjusted at the inner and outer shoes. It can also be varied, while mowing, by the tilting lever.

Sizes for Two Horses, No. 8, Geared and No. 7 Chain Drive: 4 1-2 feet, 5 feet or 6 feet Cut.

Adriance Mowers No. 9, Chain Drive, and No. 10, Geared.

Our improvements in reducing draft and also in securing, by our Spring Draft, less variation and avoiding strain or shock to the team, have been specially advantageous in our mowers for one horse.

We build these in both Gear and Chain styles, smaller counterparts of the mowers already described.

Both are made entirely from patterns specially designed for a small machine. They are, in every respect, as well proportioned, have all necessary strength and are as free from breakage as the larger mowers.



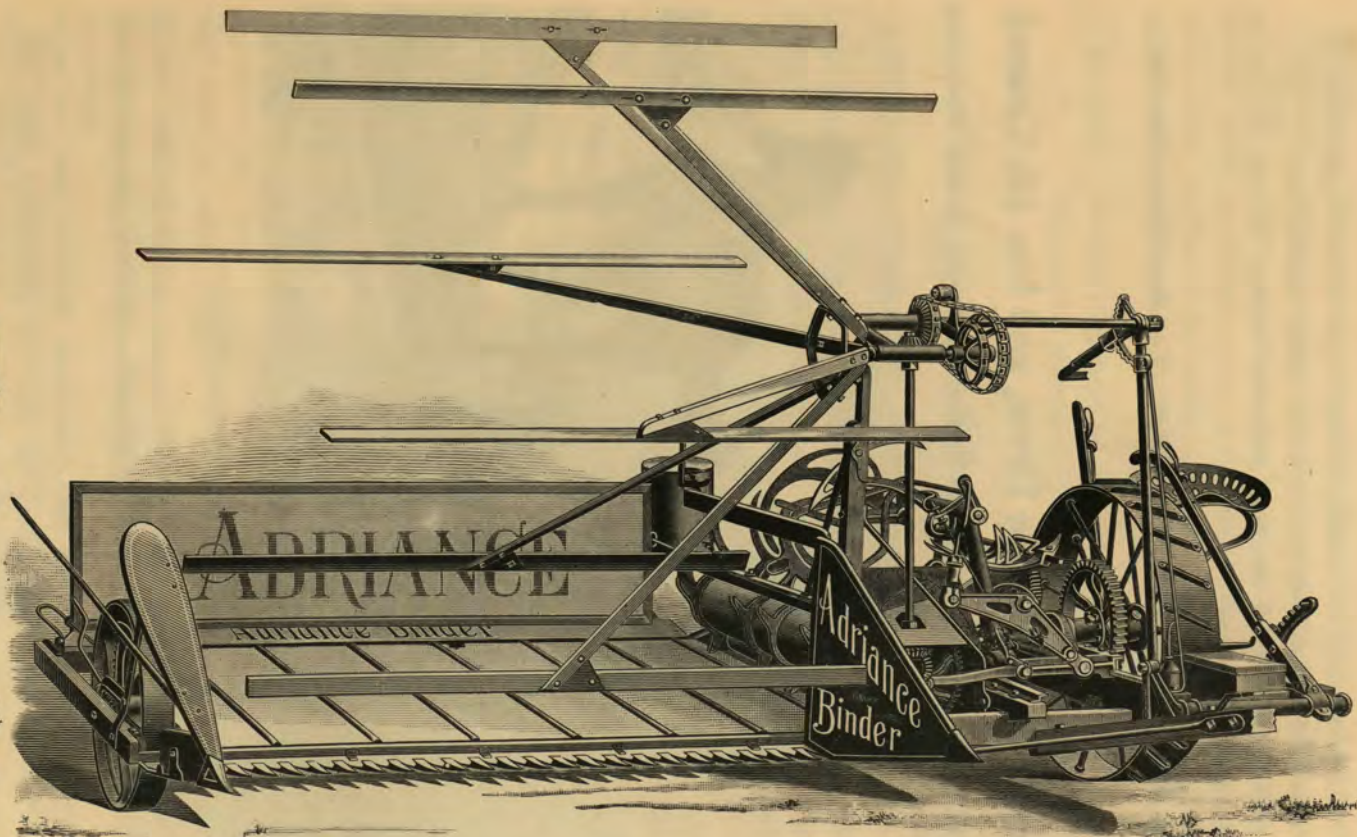
NO. 9, ADRIANCE CHAIN DRIVE.

Our Mowers for one horse are much used on golf courses and large lawns, cutting closely the short soft grass and giving there the same satisfaction that they gave in a hay field.

Suggestive Many find it better to own two One-Horse Mowers than one larger machine. On rough or obstructed ground a long bar does less satisfactory work, and a team is more troublesome to manage than a single horse.

Sizes for One Horse No. 10, Geared and No. 9, Chain Drive: 3 1-2 feet or 4 feet Cut.

ADRIANCE FARM MACHINERY



ADRIANCE, PLATT & CO. ESTABLISHED 1855

The Adriance Binder, No. 1—The most compact, lightest and handiest binder made.

Other special features: slow movement of working parts; limited elevation and movement of the grain; novel rear discharge of the bundle; gentle handling of grain; clean separation; clean delivery; great capacity and range of work; adaptability for side hills; economy of power; economy of twine; portability; light draft.

Two Grain Binders.

IN GRAIN BINDERS, as in mowers, we offer the purchaser an opportunity to consult his preferences and the character of his farm and work.

We build Two Standard Binders of Entirely Distinct Types.

The Adriance Rear Discharge Binder, No. 1, of which type we are the sole manufacturer, description of which begins below.

The Adriance Elevator Binder, No. 2, of the type discharging the grain over the Driving Wheel, the description of which begins on page 20.

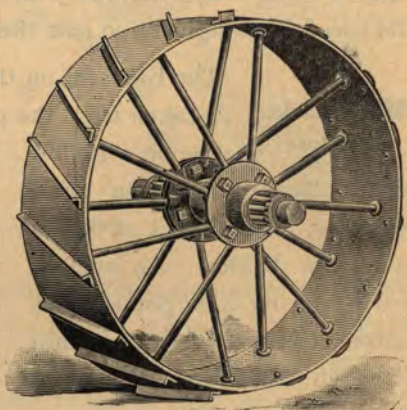
The Adriance Binder, No. 1

The only one Differs in principle from all others in every respect, except in cutting the grain and reeling it on to a canvas platform apron. Fully patented, it remains the only successful Binder without canvas Elevator.

The Adriance has secured, the world over, a very high reputation by its many advantages in some classes of work and by its very light draft.

Description.

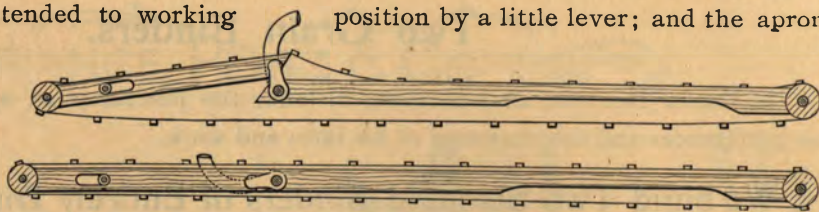
Good to Stand on The Driving Wheel is the largest in use on any binder, and is therefore more easily rolled over rough ground or obstructions and is an element of the exceedingly light draft. The Wheel is largely of steel, is very strong and rigid and is fitted with our Roller Bearings which support all the weight carried by the wheel, securing the utmost advantage from their use. The cut shows the bearings partly drawn out of place and exposed to view.



Power, Balance, Adaptability The weight of the machine is largely on the driving wheel, giving ample power for the most severe work. The grain wheel is in line with the driving wheel, rendering the machine easy to turn and to keep up to a full swath on any ground. Balance is excellent and the machine is easily and evenly tilted. Platform and frame can be easily raised or lowered, by means of cranks, to change height of cut.

Frame and Cutters The Frame is of the best selected ash, which has proven better than steel for the Adriance type of Binder. The cutting apparatus is substantially the same as described for our mowers. The apron runs very close to the cutters and keeps them clear of the cut grain.

Saves the Apron The apron rollers may be brought nearer together to loosen the apron or extended to working position by a little lever; and the aprons thus loosened can be very easily buckled and made tight afterward by turning the lever.



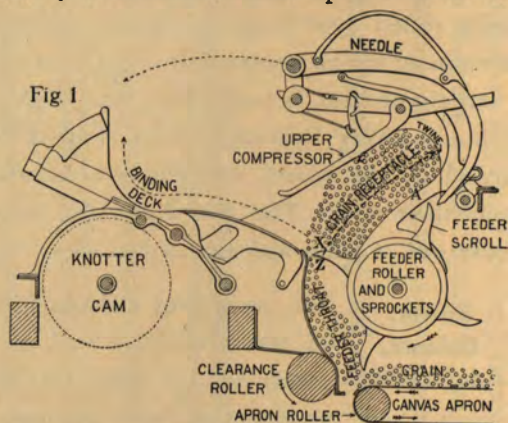
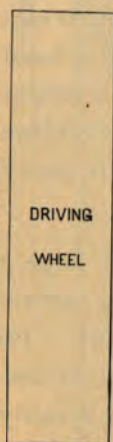
Loosening the apron when it is not in use makes it last much longer, and with our device it is no trouble to do this.

Little Gearing The compactness of the Adriance, with its slight elevation of the grain, permits extreme simplicity in gearing; and but two short chains are used, both show in cuts. Roller Bearings and self-aligning ball boxes are used where advantageous.

Handy Levers The Adriance is conveniently operated by the driver. He can easily raise or lower the reel, lower or tilt the machine, throw it out of gear, or change the position of the band on the sheaf. The ease and quickness with which the last change can be made is most important in uneven grain.

Changeable Speed Reel The large, light Reel is mounted on a long, swinging arm and by one lever is easily operated to secure a good delivery of the grain to the apron. The reel is driven by an upright shaft and a short chain on the swinging arm; its speed is changeable to suit the crop.

The Most Marked Feature The Elevator on the Adriance lifts the grain only about fifteen inches; it is taken from the platform apron by a series of double sprockets revolving on a hollow roller large enough to avoid winding, located back of the inner grain divider. An upright curved spring at the point of each sprocket keeps the grain within its reach; and the slowly revolving sprockets lift the straw freely into a receptacle above, where it is retained loosely by the upper compressor until enough has accumulated to form a bundle.



The movement of grain is indicated above by dotted lines from X and Z and its position, as separation progresses, by the changed position of these letters in Figs. 2 and 3.

No Scattering A clearance roller at the bottom of the throatway formed by the springs, revolves in the opposite direction from the apron, preventing any grain from being carried downward and gives it all a good upward start. The scrolls, which support the grain and form a receptacle, extend down between each double sprocket and prevent grain from winding on them.

Many big savings The simple system of limited elevation dispenses with two tightly drawn aprons, four rollers with bearings, butter and head board and many other appliances necessary in elevating grain over the driving wheel. It is distinctive of the Adriance plan that as the grain is moved but about half as far as on other binders a proportionate amount of power is saved, and less grain is shelled and lost. It also saves the cost of two expensive aprons and other wearing parts every few years.

Unique Binder The Binding Attachment differs as much as does the elevator from the usual type. The binder frame is not altogether rigid, but will oscillate on the lower frame bar ; giving a side movement to the binder arm which carries the needle shaft. The turning of this shaft and the swaying of the binder frame gives the Needle two simultaneous movements, circular and sidewise, and the thorough separation made by the Adriance is largely due to this ingenious feature. The side movement is indicated in the cuts by the dotted line through the end of the needle shaft.

When sufficient grain has accumulated in the receptacle, it raises the bundle sizer and starts the binding attachment. The needle point passes with a circular movement below that grain, places the twine around it and begins to form a bundle in the concave of the needle.

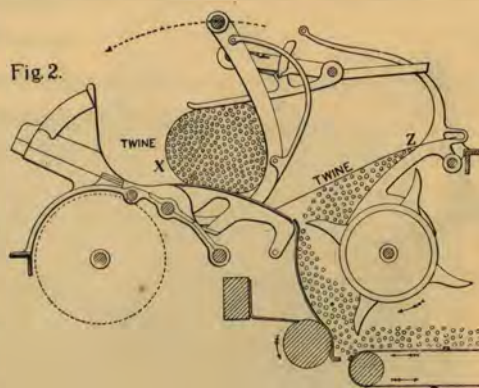
Watch the separation At the same time the Binder Frame sways sidewise, carrying the needle and upper compressor, and the bundle which they hold is moved to the Binding Deck, near the driving wheel, on the opposite side of the feeding-throat and well away from the grain receptacle.

A passage opened In making a bundle the needle does not have to be forced through a mass of packed grain, but the point circles around and below the grain to be bound and quickly crosses the throatway in a clear space made by one of the sprockets. All the grain caught above the needle point is carried to the binding deck ; while all below the point is moved in the opposite direction to the top of the grain receptacle.

Result Thus the portions of two bundles which pass through the feeder throat together, and therefore the most likely to be tangled, are most widely separated before being bound. With the movement but half made we have about as much separation of the bundle and the loose grain as is made on other machines during the entire binding operation.

There is at no time an interruption to the continuous elevation of grain, thus tendency to "choking" is obviated.

Fig. 2 shows the needle about half way in its movement carrying the partially compressed bundle to the binding deck.



In Fig. 3 the binding movement of the Needle is completed and the side compressor (C), which relieves the needle from strain, is holding the bundle fully compressed and ready for tying. The bundle is placed on the binding deck, distant from the receptacle.

Our Separation Note the wide separation of the grain being bound from that feeding in the opposite direction into the receptacle. Other binders interpose only the width of the needle, and continue to feed against the needle-back.

Time gained While the knot is being tied the binder arm sways back toward the elevator and carries the needle to position

for making another bundle. The needle during this sidewise return movement is given a circular movement by its shaft, and its point follows the track indicated by the lower dotted line in Fig. 3, passing above the grain accumulating for the next bundle, interfering not at all with the continuous elevating.

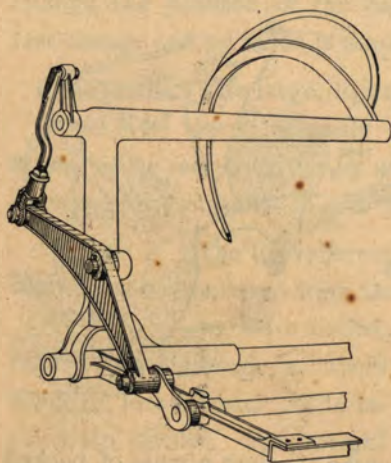
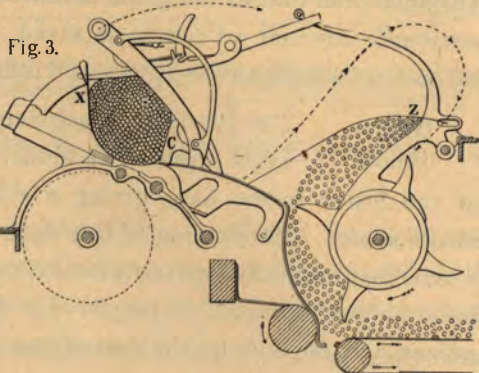
A great gain By this peculiar movement we avoid giving the needle the great speed necessary in all other binders to get it out of the way of the grain in preparation for the next bundle.

Example of Simplicity The shaft which drives the Knotter controls by one crank and a simple connection, shown in cut at left, every movement of the parts in making and delivering a bundle and returning

to position. Varying as the movements are, it is evident that, in operation, perfect union is permanently secured.

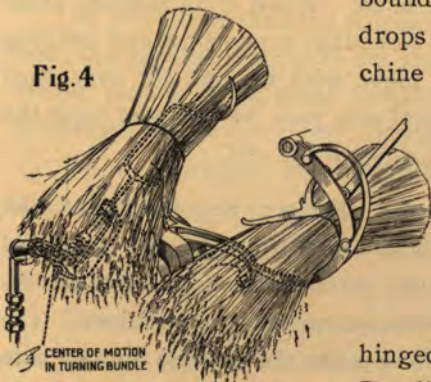
Economy in twine The Knotter is very reliable, durable, and not liable to get out of order. Its knot requires less twine than any other and none is cut off and wasted in the end holder. In addition, the bundle made by the Adriance is round, and the same amount of grain is enclosed by less twine than is required for the usual flat bundle. An Adriance insures a saving of about one and one-half balls of twine in every bale; this tells on a big crop and means a saving in twine bill worth considering.

Another Advantage The Knotter is close under its thin iron cover and the knot is made close to the bundle. Owing to this and the shape of bundle, the band does not become loose as the grain dries. In both shape and compactness, our bundle is better than others for shocking and stacking.



Distinctive When the needle starts to move a bundle to the binding deck ; the Dis-
Rear Delivery charger Fork, pivoted on the rear of the binder frame, lifts the last
bound bundle from the deck, turns it over to the rear and
drops it gently on the butts out of the way of the ma-
chine on the next swath. The heads being at the centre of
turning motion are handled gently and drop from
the Binder only a few inches above the stubble.
The fork returns, and the tines pass beneath the
new bundle ready to make another delivery.

Fig. 4



Useful Attachments An adjustable wind guard is pro-
vided with each binder. It is

hinged for turning out of the way when necessary. The
Bundle Carrier, being hung at the rear of the machine, has
only to be lowered to deliver the bundles. It is very simple and is easily operated. A
moderate additional charge is made for the carrier.

Great Capacity So small, light and simple does the Adriance Binder appear in comparison
with other Binders that its capacity for work is always astonishing.

Good authority "It has
no equal for handling any grain that grows," is the testimony of farmers who
have used the Adriance in all crops.

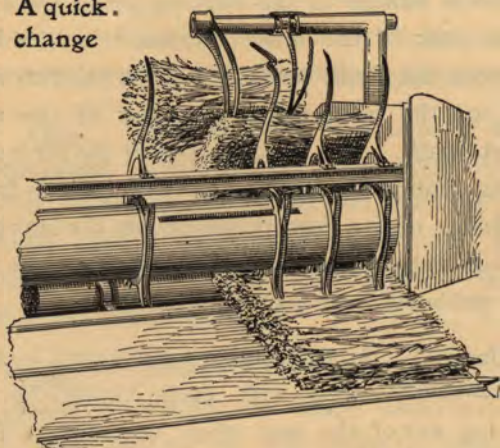
It takes them Long, heavy
and tangled crops the Adriance is especially adapted to
handle. It is furnished with a "Rye Divider," which is easily attached, increasing the
height and width and extending forward the regular outer divider, increasing its effi-
ciency in separating and gathering such crops.

The elevator is the most perfect open end ; and until beginning the compression for
tying the band, the grain is moved with the least possible confinement or packing and is
kept in the best condition for binding and delivery.



THE ADRIANCE BINDER AT WORK.

**A quick.
change**



For shorter crops the needle is easily shifted by a lever and located to properly place the band. When it is shifted, other parts for elevating, supporting and holding the grain, move with it; and for very short grain several sets may be grouped near the cutter bar as shown in cut.

Nearest the Perfect Separation of the Goal bundle from the unbound grain is the most difficult attainment involved in the construction of binders. The Adriance has made the nearest approach to

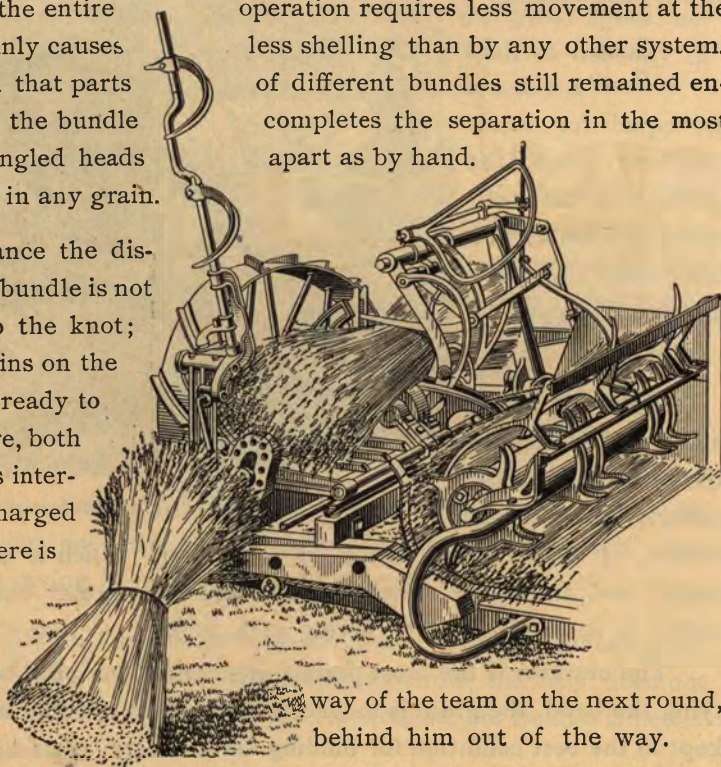
perfection; every operation, from the first, tends towards the final perfect result.

How it is done The cut below, with the preceding description of the separate processes, fairly illustrates the full operation. We see first the sprocket elevator lifting the grain from the platform and straightening and placing it in the receptacle above. Second, the grain to be bound securely held and carried by the needle to the binding deck and widely separated from the incoming grain.

Final Separation Lastly, the bound bundle turned completely over by the fork and falling, butts down; the entire heads of the grain and certainly causes If grain was so badly tangled that parts twined at discharge, turning the bundle natural way, drawing the tangled heads Bundles rarely hang together in any grain.

operation requires less movement at the less shelling than by any other system. of different bundles still remained en-completes the separation in the most apart as by hand.

Clean Delivery On the Adriance the discharge of the bundle is not necessary to tighten or strip the knot; one bundle, after tying, remains on the binder deck until another is ready to bind. At the time of discharge, both are secured, and the second is interposed between that being discharged and the incoming grain. There is no loose grain to be dragged out by the bundle discharged. If a bundle is about to be discharged on a corner, in the the driver can easily throw it



way of the team on the next round, behind him out of the way.

Lightest Draft Economy of Power is the greatest essential for light draft. The Adriance, compared with other binders, makes a great gain in every operation.

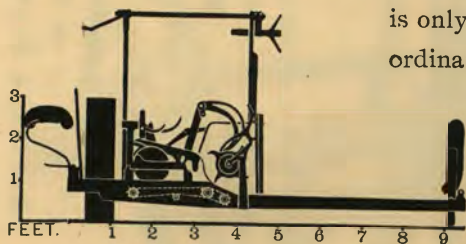
By any other than the Adriance system, after making a bundle, the knot must be tied, the needle returned to the starting position, and the bundle delivered before grain can be placed for another bundle. This necessitates, in all other Binders, more rapid movement of the machinery, which requires greater power and increases the draft.

On the Adriance, the operations of feeding, binding and delivering proceed simultaneously and power is economized by slower movements. The grain is moved only about half as far, a proportionate saving of power in that, and our elevating requires less speed and less power.

The Adriance Knotter measures the twine around the compressed bundle; slack for the knot is yielded by and then taken up by the "take-up-lever." We save all the considerable power of unnecessary compression made to obtain the slack for the knot on other machines.

Saves a Horse By our economy of power, light weight, large wheels, roller bearings and perfect balance, we attain so light a draft that the Adriance is as easily handled by two horses as any other binder is by three.

Portability. Notice the Figures Excepting the reel, no part is higher than the driving wheel. Without the seat, which is readily removed, an Adriance cutting full five feet has an extreme width of less than ten feet. With the seat in place, the width is only a little over ten feet. It can be driven through ordinary gates, and is conveniently stored. If wanted, a transport is supplied at small additional cost. It is quickly and easily placed or detached.

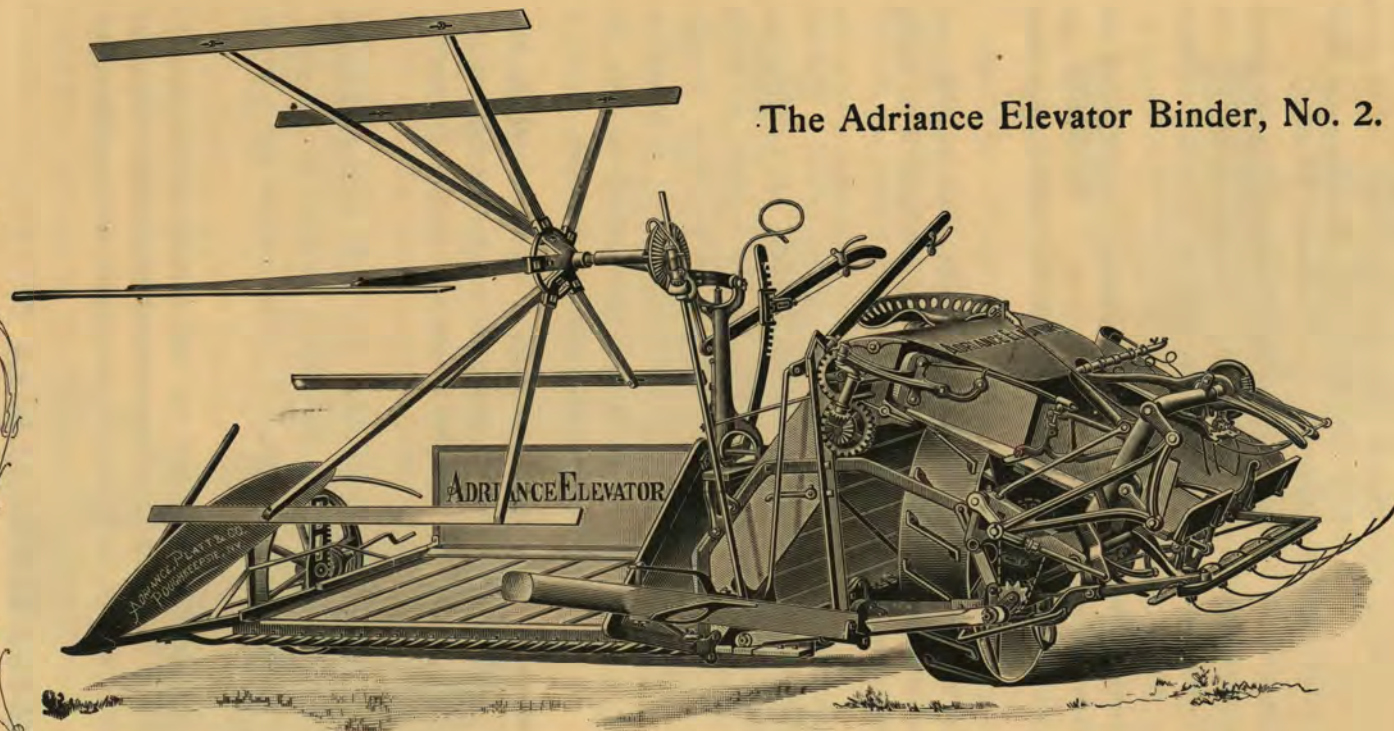


Have you a Hilly Farm? All weight is carried low. In this respect, as well as in its light weight and light draft, the Adriance is adapted for hillsides where no other binder can be successfully operated.

Does More Work The Adriance will do more work in a day than other binders designed for greater width of cut, because it is more easily handled by the team, more easily operated, a full swath more uniformly cut, and it turns corners and is taken from place to place more quickly.

Comfort for Operator The driver has a comfortable seat, and can step directly to the ground. His team is well in hand, and every operation of the machine is in sight and easily controlled. All twine leaders for threading the needle are in plain sight and easy to reach.

The Adriance Binder cuts full five feet.



The Adriance Elevator Binder, No. 2.

Compact and light, skillfully constructed to secure strength and durability

Convenient in use, easily adapted to do the best work in all conditions of crops.

Large Driving Wheel, with
Grain Wheel in same line,
Direct Tilting Arrangement,
Long direct acting Pitman,
Adjustable Wind-guard,
Self-folding Bundle Carrier,

This
Front view
shows many
valuable features
of the
Adriance Elevator Binder.

Simple Binding Attachment,
Well inclined Binding Table,
Automatic two-part Butter,
Firm support of the Reel,
Simple gear-drive of Reel,
Simple Reel operating Lever.

The Adriance Elevator Binder, No. 2.

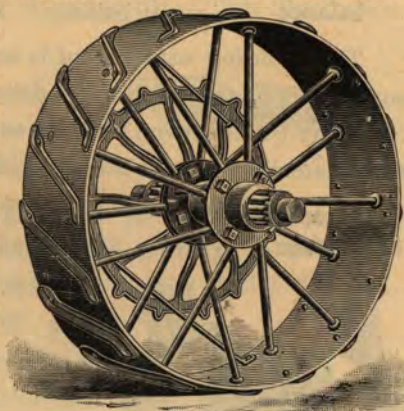
Our Apron Elevator Type.

Obvious Advantages Both carrying wheels are large, most easily passing obstructions. They are placed in line, rendering the machine easy to turn and to keep to its work on the hills.

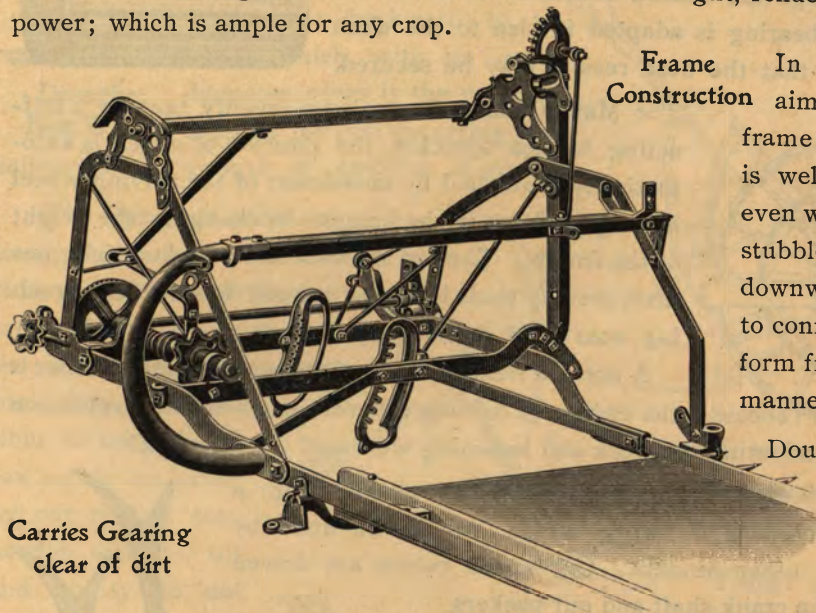
The Driving Wheel has Ball Bearings at each side to prevent friction and wear from end thrust

Element of light Draft and is fitted with our Roller Bearings. This with our large wheels secures the lowest rolling draft.

The Driving Wheel is largely of steel, the broad rim gives a large bearing and traction surface, the spokes are well staggered, and so secured at the hub as to give the greatest stiffness to the rim. The lugs outside the rim are so arranged that the wheel rolls smoothly on the road. The Driving Wheel carries almost the entire weight, rendering it all available for power; which is ample for any crop.



Frame Construction In our Steel Frames we aim to avoid splices. The frame carrying the gearing is well above the ground, even when cutting the closest stubble, and is forged with downward curved extensions to connect to the lower platform frame in the most rigid manner.



Carries Gearing clear of dirt

Double diagonal bracing holds both frames rigidly in line, and minor stays and braces are judi-

ciously arranged to guard against any tendency of parts to get out of line under stress of heavy work. A steel T angle bar supports the upper elevator, the reel and the driver's seat.

The platform frame is but partly shown in the illustration. The strong L angle steel finger bar forms the front, and the back and end are formed in a single piece. The bottom is of patent leveled sheet steel protected by steel girts.

Readily too The platform may be raised or lowered by means of cranks operating a worm gear at each wheel, and the height of cut may be further changed, while in motion, by use of the Tilter.

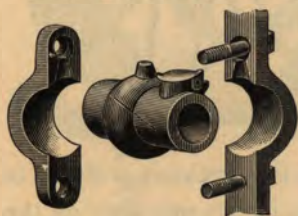
**An always
satisfactory
balance**

The plan of our Elevator Binder has been so carefully made that we are able to secure the advantages of carrying wheels in line, and therewith a perfect balance.

The Binding attachment is so hung that its weight, as well as that of the Harvester parts, is about the level of the driving wheel axle or below. Therefore neither the shifting of the Binder, even with its exceptional range of movement, nor tilting of the platform materially affects the balance.

**No cramping
in bearings**

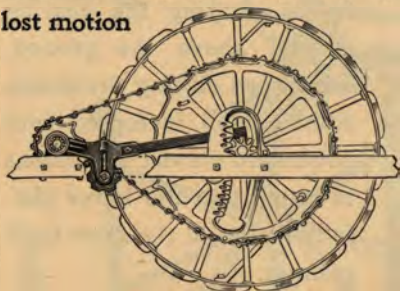
Gearing, Shafting, etc., is carried well above the ground. Either gearing, or chains and sprockets are used as is best for the purpose in view. The plan of our machine reduces the amount of both to the minimum and to the simplest forms. The shafting is mounted in roller bearings or self aligning ball journals wherever their use is advantageous. Oil cups are constructed to exclude chaff and dirt, yet convenient for filling.



Our Roller Bearings are similar to those described for our Mowers. Every bearing is adapted in size to the shaft with which it is used, that the best results may be secured.



**No slack or
lost motion**

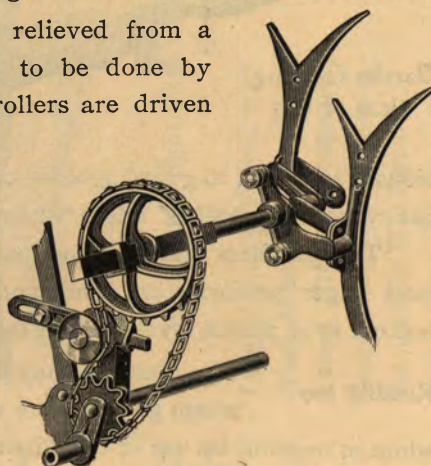


The Main Chain is kept always evenly taut by a self-acting tension sprocket, the position of which is automatically controlled by movement of the driving wheel axle up or down in the hangers in changing the height of the frame. The cut shows it and also how fully our main driving chain is carried around its sprockets avoiding wear and lost motion.

A notable feature of our Adriance Elevator Binder is the system of driving different parts of the mechanism by separate chains, distributing the work and lessening wear and strain on each.

Another point of Economy Our Elevator chain, particularly, is relieved from a great amount of work which has to be done by this chain as used on other binders. Our apron rollers are driven from the rear end of the crank shaft and our packers and binder, as well as the scythe, from the front end.

A short chain, cheaply replaced when worn, does the most difficult part of the work; driving the packer shaft and binder direct from sprocket at the pitman crank. The illustration shows this admirable arrangement, with the device for keeping the chain properly adjusted.



Much the same as described for Mower

The cutting Apparatus is up to our ever high standard. The guard fingers and bottom of finger bar and platform are designed to secure the very closest cut, without dragging or undue tilt. This illustration showing how closely we can cut is made from working drawings of the machine. For close cutting a uniform tilt of the whole platform is secured.

The Pitman is long, has direct action and is well protected.

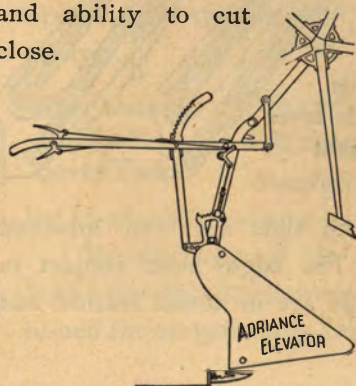
Spring Balanced



Does the Best Work

a spring concealed in the reel post and its diverse movements are all controlled by one lever, consequently it is easily handled and quickly adjusted, up, down, forward or backward to an extent which, with its great diameter gives it the greatest capacity for best gathering and delivery of any growth or condition of grain.

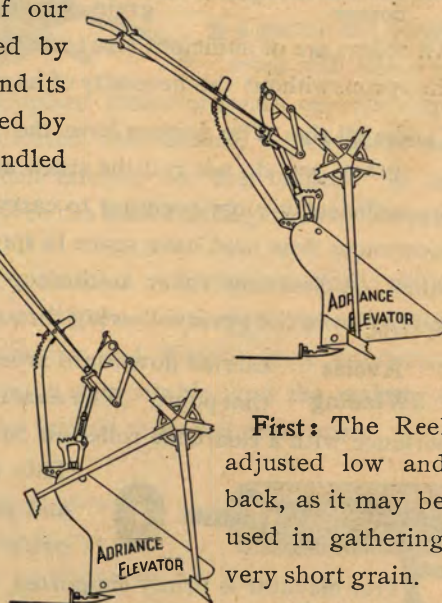
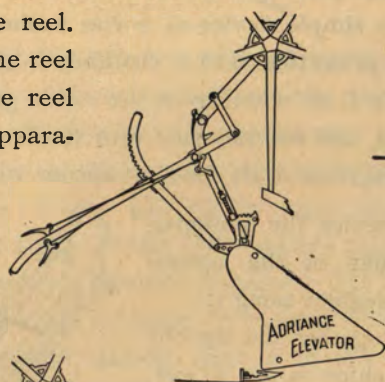
The line cuts show extreme positions of the reel. Note the relation of the reel arm and section of the reel slat to the cutting apparatus. Any grain possible to be gathered can surely be saved by our reel in connection with our tilt and ability to cut close.



You can do your part easily

On the proper handling of the Reel much of the thoroughness and neatness of the work of any binder depends. The weight of our reel is balanced by

a spring concealed in the reel post and its diverse movements are all controlled by one lever, consequently it is easily handled and quickly adjusted, up, down, forward or backward to an extent which, with its great



First: The Reel adjusted low and back, as it may be used in gathering very short grain.

Second: Adjusted low and forward, as for lifting and gathering grain tangled and lying down near to the ground.

Third: Adjusted high and back, as it may be best to use it in case of reaping very long grain in a stiff wind.

Fourth: Adjusted high and forward, as for long grain leaning from the machine as it advances.

Remember: You are not restricted to the positions shown but can place the reel at any point between and lay the grain on the platform in the best possible manner.

**An Elevator
for any grain
that grows**



**An important
corner**

All rollers are of sufficient size to have a strong grip for moving the aprons without the necessity of having them drawn too tight.

**Carries all the
grain**

The Aprons have the same speed so that they do not roll the straw and shell the grain. They are sufficiently close together to carry up the lightest grain in continuous flow, and have space to spread apart and take up the heaviest grain just the same. A clearance roller at the top conveys the grain over to the packers without any forcing from the grain following through the elevator. It also prevents grain from being

Avoids carried downward around the elevator roller and winding and choking at
Winding that point. The exact position of this roller is important. Our long experience with a clearance roller on our Adriance Binder enabled us to place it rightly.



This simple device of a rim washer, held from turning and projecting into a chamber in the roller end, prevents grain from winding on the roller gudgeons.

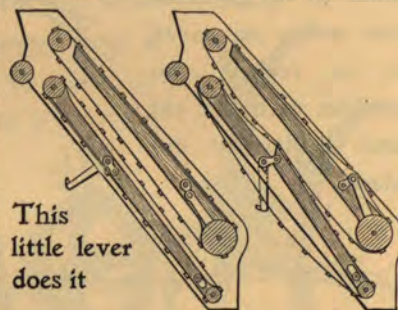
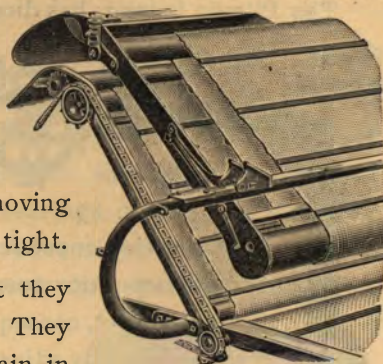
Our elevator is firmly supported, and securely tied with steel rods. It will not strain out of line and destroy aprons and increase draft, but our aprons will always run true.

**Saves your
Aprons** We have a simple device for loosening and tightening either of the aprons which is so handy that no one will neglect using it.

By drawing the rollers nearer together and thereby loosening the aprons, when the machine is not in use, their durability is greatly increased.

The loosened aprons can be easily buckled and then tightened by means of the lever. A convenience which experienced operators will greatly appreciate.

**How well
made** Our Aprons are made of heavy duck; the slats are well attached by rivets and flat staples closely driven. The edges most subject to wear are protected by leather at each slat. Buckle straps are of sound leather and well affixed



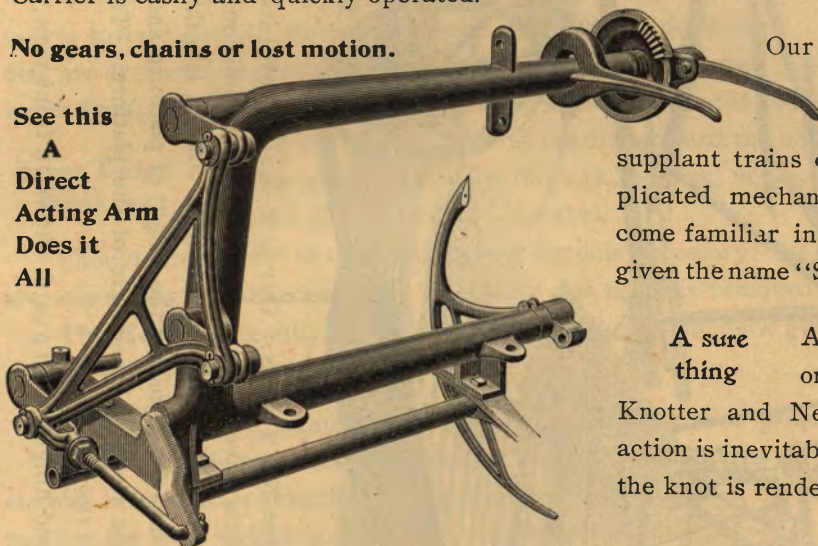
**This
little lever
does it**

Delivers all the grain. The binding table is well inclined so as not to retard free flow of grain. Feeding and delivery are positive and clogging anywhere would appear impossible. The Binding Attachment is capable of caring for all that comes to it.

We always care for the operator Every handle or lever is so arranged that the driver may have, with the least effort, full control of the machine. The tilting lever has a long leverage in his favor, and is very quickly used. One lever adjusts the reel, and easily, as its weight is sustained by a spring. The lever for shifting the binder is close at hand and operated to the greatest advantage. By a foot lever the Bundle Carrier is easily and quickly operated.

No gears, chains or lost motion.

**See this
A
Direct
Acting Arm
Does it
All**



Our triangular driving arm is a novel and simple device with which we supplant trains of gears or other complicated mechanisms, which have become familiar in other binders. It has given the name "Straight Away" to ours.

A sure thing As the movement of this one part operates both Knotter and Needle their concurrent action is inevitable, and the making of the knot is rendered most sure.

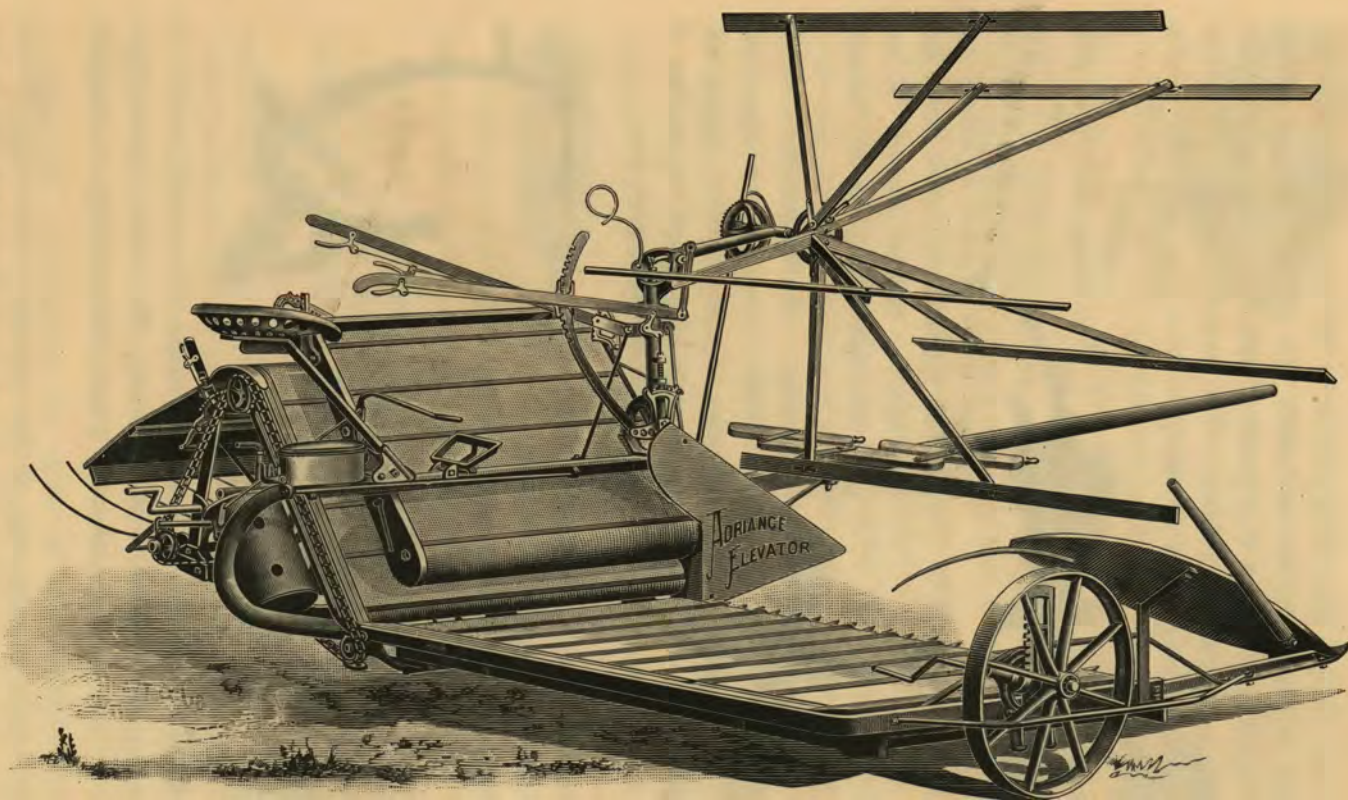
Bundle any size Our Table-trip is easily adjusted to give the usual variations in compression and in the size of the bundle but in addition our compressor may be placed in various positions to make still larger or smaller bundles.

Our relief spring, though holding the compressor firmly to the bundle while the knot is being tied, relieves the strain incident to making exceptionally large bundles. The compressor is simple and is locked or released by a cam which compels operation of the parts in perfect time with the needle and knotter.

Best Shaped Bundle Saves Twine The grain being bound is held in good shape for a round bundle and well compressed until the band is knotted. The twine is placed close alongside the compressor, securing a tight round bundle and requiring the least possible twine to encircle it.

The discharge of the bundle is very easy, as the compressor drops out of the way before the discharger arms press the bundle against it. A third discharger arm is furnished for exceptionally long grain.



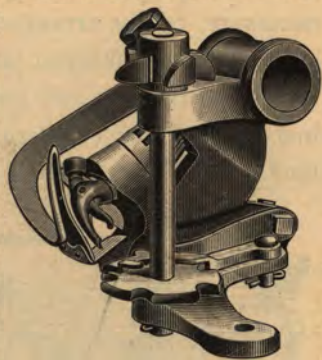


The rear view of the Adriance Elevator Binder No. 2 shows: Our low elevator, with its deep canvases, its open end and easy angle of rise; The easily accessible driver's seat, and its overlooking position; The convenience for the operator of the controlling and adjusting levers; The comparatively limited length and work of the elevator chain; The convenient position of the cranks for adjusting the height of platform and gear frame; The light and effective dividers; The single piece angle steel back and side of the platform; The twine can where the driver sees through its opening the condition of the twine.

To better disclose other parts the adjustable and hinged wind guard, shown in front view, is here omitted.

As successful as simple Simple as is our Knotter, it has every part necessary for sure work. It is nearer than others to the top of the bundle so that the tie is very closely made, avoiding looseness in the band. The least possible twine is used in the knot and the knife severs the twine closely.

This illustration of our knotter is not from the front, from where many of the parts are hidden, but from the side. You see it all, every part and every spring.



A notable feature The holding disk receives the twine on the side most distant from the bill hook and revolves toward the bill hook. The size and movement of the disk are arranged so that the knot is partly made before the disk holds firmly on to the twine and it is largely finished from the twine yielded by the movement of the holding edge of the disk toward the bill hook. Thus the objectionable pulling of twine through the disk, noticeable in other knotters, is to the greatest degree obviated.

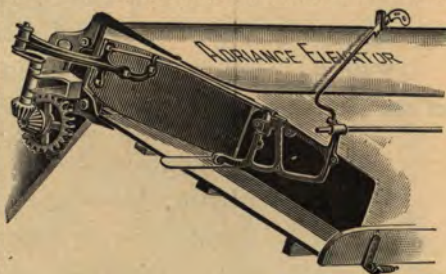
Saves Twine Breakage

Should adjustment of the springs ever become necessary; the means for making it are most simple and accessible. The Knife arm is easily removed to sharpen the Knife.

The Needle is readily threaded, as an opening in the deck gives easy access to such of the twine leaders as are below it.

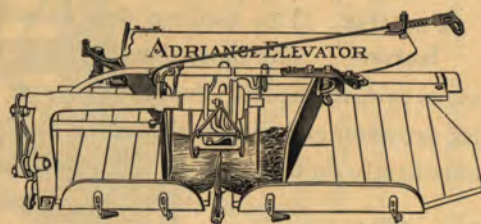
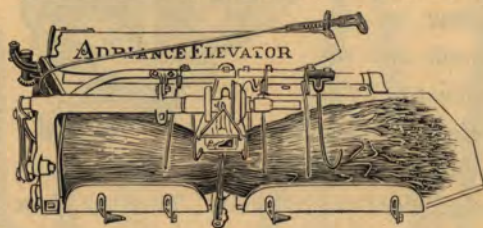
Best formed Bundle Our Butter has two parts which act together preparing the grain on the binding table for the best shaped bundle. An adjuster near the driver enables him to set it suitably for the grain and as it is moved the two parts assume proper relation for best handling the grain. It has a long range of effective operation.

How the parts operate The vibrating upper part sends the grain in continuous flow down the binding table and deflects it towards the knotter as far as its length renders desirable. As the grain reaches the packers the butts reach the lower part, or extension, of the butter which is not in motion but serves to hold the grain evened up and all butts the same distance from the knotter, thus securing a neat bundle with a well squared end.



For neat work in short grain The Adjuster, at the heads of the grain on the binding table, may be set to any necessary angle and given the requisite amount of pressure which the condition of the grain makes desirable. It moves with the binder and well arranged will prevent the grain from working back on the table away from the Butter; or if light short grain has been delivered too far back on the apron by careless use of the reel, or otherwise; the Adjuster guides it to its place on the binding table and thus aids much in securing a well shaped, well butted and properly tied bundle.

Can properly place the band Our "Straight Away" Binder has the greatest range of shift of any binder made; and in connection with our butter, and the adjuster if necessary, can be arranged to place the band in the best position on any grain, from the longest to the shortest, and without impairing the balance of the machine or causing weight on the pole and the necks of the team. These illustrations are not fancy sketches, but like all our cuts are made from actual measurements of the machine. No other binder can place the band as far from or as close to the butts of the grain.



Examine the cuts For long grain the extension of the butter is placed way forward against the binder frame, and the top of the vibrating part even forward of that; giving the greatest distance from the band to the butts, and the heads are extended at full length.

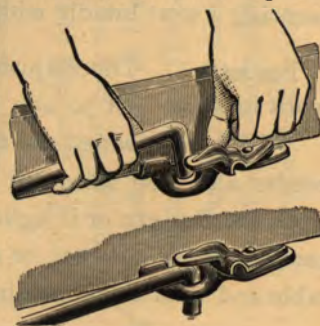
For short grain, while the extension of the butter evens up the butts very close to the needle, the top of the vibrating part still remains forward and catches all that comes up the elevator, carrying it to position for binding. The cut shows how the adjustable header board is used in such work; aiding, at the heads, to hold the grain in the best position for binding.

As you want it The Wind Guard is supported at both ends, and may be set well forward for the shortest grain or moved back as is required, even clear of the rear of the platform. It is hinged to turn up out of the way, or is easily removed.

Well known The Bundle Carrier is of the most approved type, with downward and rearwardly swinging fingers. It is operated by the driver's foot, gives a quick, sure and gentle delivery without shelling the grain. Operates well on side hills and takes care of itself when run against an obstruction.

Helps in hard work An Extra Divider is furnished for long and tangled grain. It is a great aid in difficult work and saves much grain that would be lost by any binder not provided with it.

Simplest yet The Transport consists of two wheels and two short axles which easily clamp to the main frame; and a draft bar for the pole, which is attached to the platform without removing the apron. Spring catches enable you to shift the pole and brace with the greatest convenience and without tools.





ADRIANCE ELEVATOR BINDER ON TRANSPORT.

When the Adriaance Binder No. 2 is on the Transport, if ever necessary to lessen the width for passing through very narrow gateways, it can be very quickly done by removing the Outer and folding the Inner Divider.

This is a simple operation, requires the loosening only, not removal, of two bolts at the Outer Divider and one at the Inner Divider.

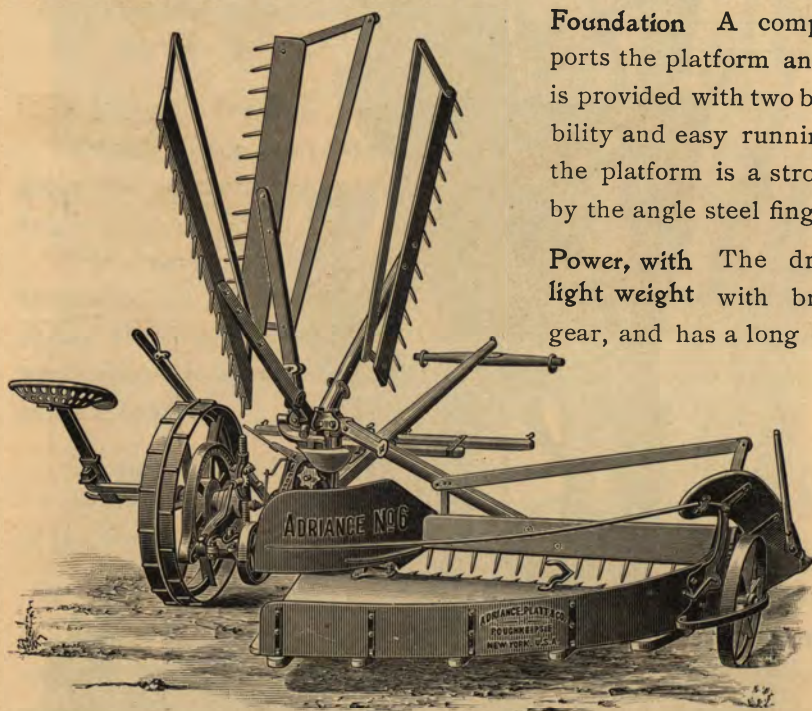
For storage also this means of reducing the space occupied by the Binder will be found very convenient.

The Adriance Reaper No. 6.

Our No. 6 reaper was designed to meet every requirement, and its record during the two seasons last past has proven our most perfect success.

All that is Good Our original method of connecting the driving wheel and frame, which has come into almost universal use, is continued, but our frame and all other parts are remodeled and lightened without detracting from necessary strength.

With a simple, reliable rake controller, our No. 6 retains the heretofore unequalled working qualities and durable construction of our original Adriance, which has been a standard for nearly thirty years, and fully attains that light draft which has been a most distinguishing feature of our Adriance Triumph.



Foundation A compact rigid frame supports the platform and gearing. Each shaft is provided with two bearings, insuring durability and easy running. The foundation of the platform is a strong ash bar, reinforced by the angle steel finger bar.

Power, with light weight The driving wheel is large with broad rim, free from gear, and has a long hub centered as to the rim, so that there is no tendency to cant and wear at one side. The seat for the driver is convenient to the levers and for handling his team, and as his weight at the left of the wheel largely balances the

weight at the right, nearly all is utilized on the driving wheel for power, and is carried on roller bearings with light draft.

Easily Operated For cutting high or low, adjustment is made by means of a screw at the frame and a worm and rack at the grain wheel, both operated by cranks. The grain wheel is about in line with the driving wheel, rendering the reaper easy to turn and to hold up to its work on side hills. The seat with its support can be removed for passing narrow gates or for storage.

Acts as you please The rake can be set by a lever to automatically deliver the gavel by either every second, third, fourth or sixth rake. and the driver, by his

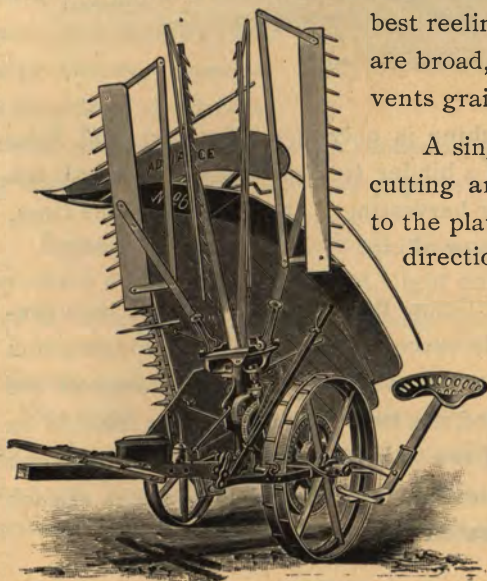
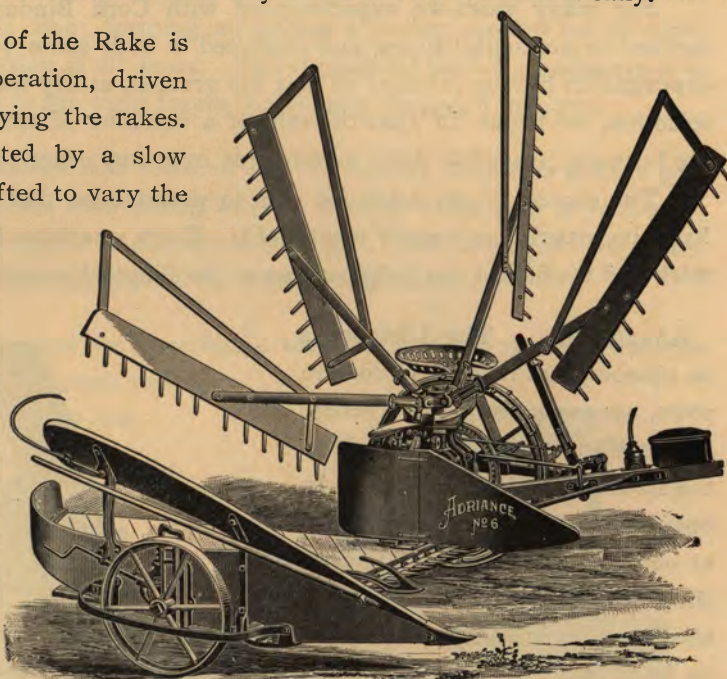
foot, can control any arm and prevent it from raking, so as to make a full gavel in spots of thin grain or prevent the delivery of a gavel on a corner. For swathing grain or cutting ensilage or sowed corn, all four rake heads may be set to deliver automatically.

No chance about it The control of the Rake is a positive operation, driven by a worm on the shaft carrying the rakes. The controlling lever is lifted by a slow moving cylinder which is shifted to vary the operation. There are no gravity latches and the one spring is a precaution rather than a necessity. The foot control is also positive.

You can get it The Adriance No. 6 embodies every feature and adjustment for securing the most perfect gavel possible in any kind or condition of grain. The Finger-Bar is in line just forward of the driving wheel axle, the most favorable position for every sort of work. The rake gearing is high, and away from the cutting apparatus to avoid winding. The rake arm is very long and the long sweep given to the rake head, over our deep platform, fully turns the grain and delivers the gavel with well squared butt. The relation of each rake to the finger bar and rear platform edge is adjustable to secure the best reeling and the best delivery of the gavel. Rake heads are broad, and an adjustable slat high above the head prevents grain from winding thereon.

A single movement of the tilting lever adjusts for low cutting and causes the rakes to sweep the ground and lift to the platform grain which may be lodged or lying in the direction of advance.

Saves Time and Trouble The Adriance is quickly and easily folded, nothing has to be removed. The hinge for the platform though simple for folding, is perfectly rigid for work. At work or folded, the machine can be perfectly balanced. The seat support is used as a jack for the machine while folding.

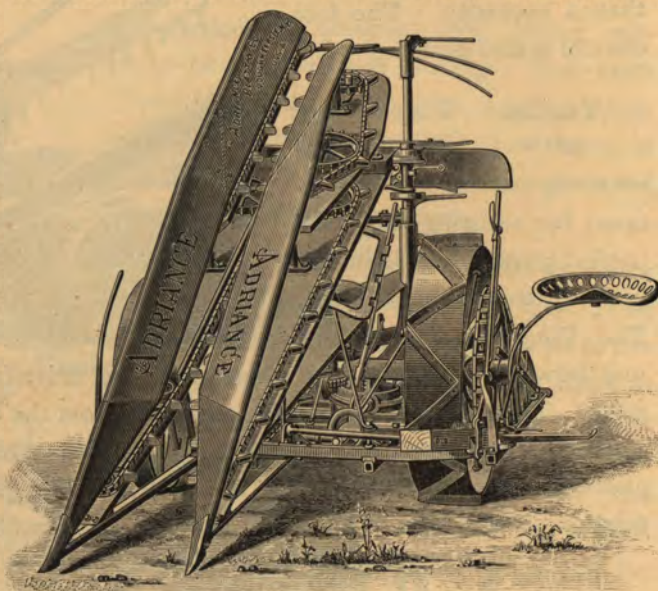


The Adriance Corn Binder.

For many years we experimented with Corn Binders in both the vertical and the inclined or horizontal types, and produced in both some very successful machines. Our experiments having satisfied us that the greatest utility was obtained in the vertical construction, we began in 1902 the sale of a machine of that style, which, in the hands of the farmers, proved to have advantages over any other on the market.

The success of our Adriance was so pronounced that for the succeeding seasons we have increased our output many fold. Every machine has performed most excellent work and confirmed our judgment as to the simplest practicable methods.

Adaptability The Adriance is so planned that in cutting corn in rows, approximating the average distance apart, the horses walk in the spaces between the rows. In opening a field the uncut row passes between the horses and under the driver's seat and is not so prostrated as to prevent its being picked up by an Adriance on a return cut; special attention having been given to production of a machine which will meet all reasonable expectation in the picking up and handling of corn which has been broken down, no matter in what direction it may be leaning.



Compactness The extreme width of the machine is only about five feet, and it is, otherwise, as compact as it is practicable to build a binder to cope successfully with the various conditions in which corn is to be found for harvesting. It is, at the same time, accessible in all parts which may require attention or oiling.

Driving and Corn Wheels The steel driving wheel on our Grain Binders, as illustrated on a preceding page, has been so entirely successful that the same construction is used for our Corn Binder. The wheel, however, is heavier and stronger than on the grain binder and has deeper lugs on the outside of the tire, to better secure traction in soft ground. The grain wheel is also of steel and the two wheels are of nearly the same diameter. The driving wheel turns on large roller bearings, with ball bearings at each end to obviate friction and wear from side pressure on hilly or rough ground.

The Frame Constructed of square tubular steel, is stiffer and stronger than any other form. The main sill is a single piece, bent at the corners, forming three sides of the frame. The cross sills are held rigidly in place, malleable clamps being used with bolts to prevent twisting out of line; forming altogether a perfect support for the operating parts, insuring the easy action of all gears. The support for the long gatherers is of angle steel, secured and braced to the rigid frame in the most thorough manner.

To cut any Height The Frame is raised and lowered on the driving wheel by a large gear and worm. At the corn wheel, where a smaller worm gear is necessary, we use a compound gear giving a great advantage in leverage. The height at each wheel may be easily adjusted to carry the frame level for work on side hills.

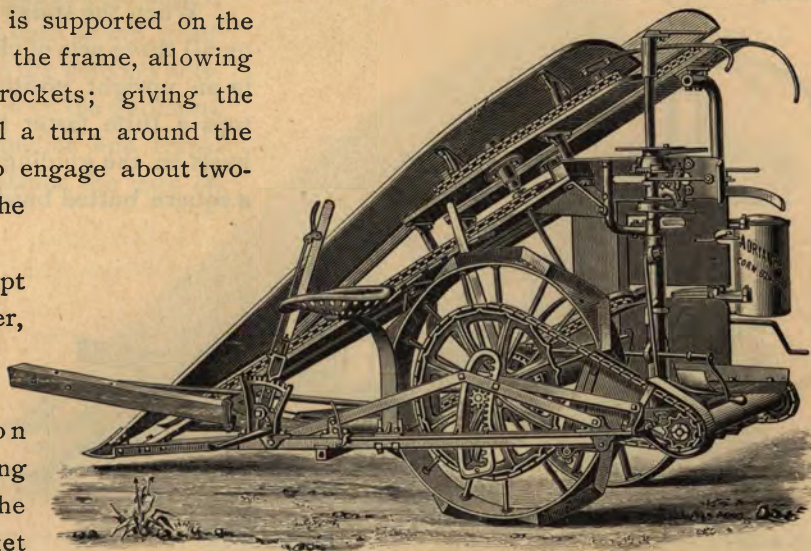
Chain Drive For a Corn Harvester we have found the Chain Drive the most suitable and have arranged it in the most efficient manner.

The Cross shaft is supported on the outside of the rear of the frame, allowing the use of large sprockets; giving the driving chain so full a turn around the sprocket pinion as to engage about two-thirds of the teeth at the same time.

The Chain is kept taut by a sprocket roller, which is self adjusting, and requires no attention while the frame is being raised or lowered. The large Driving Sprocket is outside of the driving wheel, placing the chain in an accessible position and where it is least liable to gather dirt or trash, or to throw it into other parts of the machine.

Balance The exceptional distance between the centres of our driving chain sprockets enables us to have but slight curve in the segments holding the driving wheel, and to thereby avoid change of balance with change of height of cutting.

Shafting and Bearings As one important element of light draft all shafting revolves in roller bearings wherever they can be used to advantage. In addition, on the shafts located where strain seems possible, self aligning boxes are used for the roller bearings, insuring perfect freedom from cramping. The two only upright shafts are further insured against cramping by being in two parts, coupled between the bearings

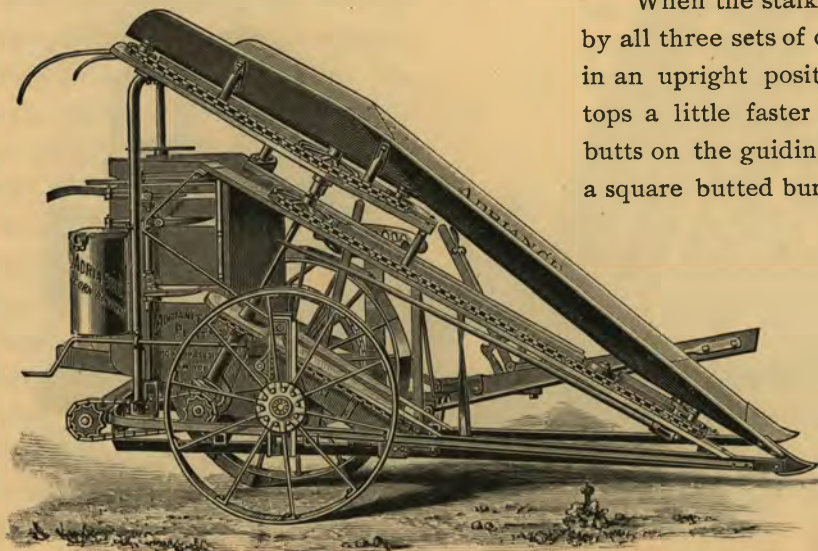


The difference in speed of the chains, driven by the same upright shaft, is obtained by the variations in the size of the sprockets, avoiding the use of additional shafting and gearing. The Roller Bearings are constructed as described for our mowers.

Lifting Tangled Corn To successfully raise, straighten and deliver to the binder in good shape, corn which may be blown down or tangled has been a difficult problem, best solved by our long gatherers and three sets of lifting chains of varying speed and at different elevations.

The middle set of chains, one of those with the quicker motion, extending forward well toward the points of the gatherers catches any leaning corn stalks near the butt, and begins to raise the tops toward a perpendicular position. This chain secures constantly a higher hold on the stalks, as the machine advances; thereby placing their tops within the grasp of the uppermost set of chains a little before the butt is grasped by the lower chain.

When the stalks are cut they are held by all three sets of chains and carried back in an upright position to the binder, the tops a little faster in order to keep the butts on the guiding floor and thus secure a square butted bundle.



Patent Chains The Conveyor chains are made with a joint which locks in one direction, preventing the chain from yielding away from the corn stalks and thereby loosening its hold;

also preventing the chain from kinking, avoiding liability to breakage; and avoiding hard rubbing on the guides with consequent wear and friction.

This special chain enables us to move the corn by backwardly inclined holders so that, when the chain turns in the opposite direction around the sprocket wheels the corn is easily released, and winding on shafts and sprockets is avoided. We have found this patented lock chain most satisfactory in lessening draft and in preventing wear of the chain and guides, and in releasing the corn at the proper point.

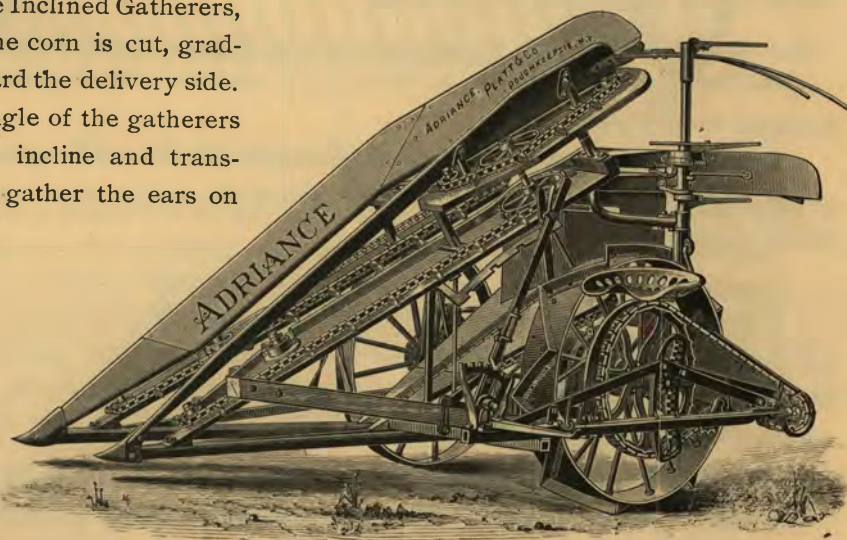
Chain Adjusters To keep the chain conveyors in proper tension for carrying corn, and to work freely over their sprockets, each set is provided with a convenient means of adjustment which permits them also to be loosened for uncoupling.

For the surest results, in moving the corn in good shape to the binding position, it is important that the corn holders or sprocket links, on the pairs of chains on opposite sides of the stalk passage, shall meet at the points to prevent the escape of stalks. With our easy means of adjusting, the operator will attend to it and do more and better work.

Driver's Seat and Levers At the left of the driving wheel is the operator's seat, thus utilizing his weight to assist in balancing the weight of the binder and throwing the greater portion of all on to the driving wheel. He is well away from the gatherers and free from annoyance by any long tangled stalks in process of straightening.

Convenient to the driver's hand are the operating levers; with one he can easily lower the points of the gatherers to pick up corn that is down or leaning, or raise them. With another he makes such adjustment that the band may be properly placed according to the height of the corn. Just below his seat is the shifter for stopping or starting the gearing.

Gatherers The Inclined Gatherers, from the moment the corn is cut, gradually deflect it toward the delivery side. Near the top, the angle of the gatherers is changed both in incline and transversely in order to gather the ears on the stalk into more favorable position for binding, obviating greatly the danger of their being stripped from the stalk by the gatherers or in binding.



Cutting Device In addition to a cutting sickle, operated by a pitman in direct line therewith, two side knives extend forward in horizontal plane and diverge from each other to the front, so that most of the stalks are easily severed by a drawing cut due to the forward movement of the machine before the sickle reaches them. The sickle, however, finishes the work surely and cuts weeds or vines that may be in the corn. The nearness of the lower gathering chains to the cutters insures that everything will be carried away and the cutters kept clear and free.

The Binding Attachment Is placed vertically at the extreme rear of the machine, near the driving wheel, to secure the delivery of the bundle with least expenditure of power and out of the way of team on next round. Packers are used, much as in the grain binder, taking the stalks as they are delivered by the chains and placing them in

the bundle. Two compressor arms, some distance apart, hold the long stalks securely in position during compression ; either Compressor acts also as a trip to the binder, thus securing closer uniformity in the size of the bundles. The compressor arms may be adjusted to several positions, and the size of the bundle regulated as desired.

The Knotter Is the same as that which has proven so successful on our elevator grain binder, shown on a preceding page. The tension only differs; on the Corn Binder the twine is passed between fluted rollers, with spring adjustment, so that the amount of tension is easily and surely regulated to the greater extent requisite for binding corn.

Location of Band To enable the operator to adjust position of band to the length of the corn, the incline of the chute or floor, which supports the stalks while being moved and bound, may be increased or lessened by a lever convenient to his hand ; giving ample variation at the binder to bind below the ears and at proper distance from the butts to properly balance bundle for handling and shocking.

Well Butted Bundles The travel of each stalk, with its butt on the inclined support, delivers all to the binder in the best butted condition without requiring extra power and machinery for that purpose.

Three discharger arms, one of them adjustable for different lengths of corn, deliver the bundle, when bound, to the ground out of the way of the machine in next round, or to the bundle carrier, if one be used.

Bundle Carrier The bundle being completed in an upright position is easily dropped into the carrier, and when several bundles are ready, the driver pressing a lever at his foot causes their discharge across the rows clear of the track of the machine on the next round. The bundle carrier may be adjusted in position to suit the crop, and may be raised to pass an adjoining corn row in cutting through a field.

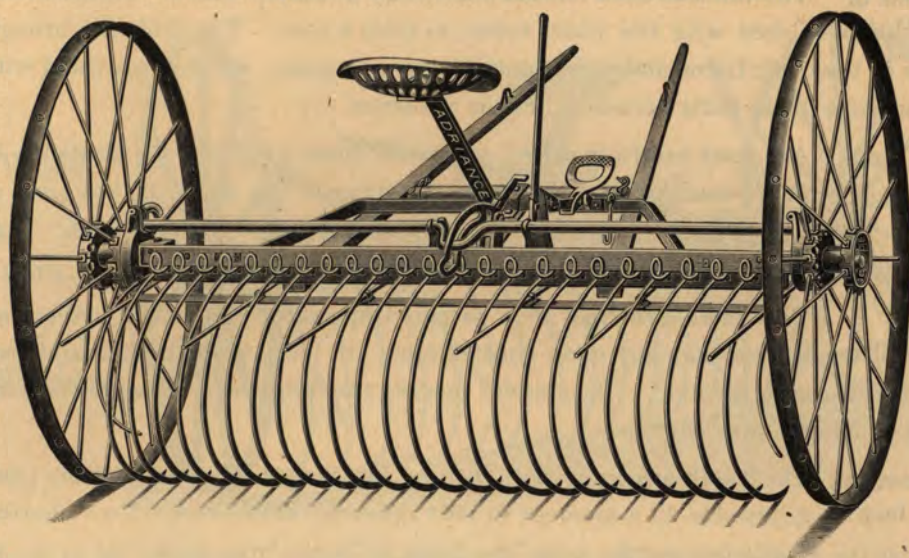
Economy of Power In the Adriance Corn Binder the stalks are to a great extent handled singly and, from the moment of cutting, are moved gradually toward the delivery point; and when delivery of the bundle is made it is simply tipping it to fall by its own weight to the carrier or ground. Much less power is obviously required than in a binder which has to lift or move a completed bundle for delivery.

Whiffletrees for either two or three horses are furnished, that the user may adapt his team to the weight of the crop and the condition of the ground.

Size The Adriance Corn Binder is built in one size suitable to take all the variations in growth of corn usually found which, frequently all appearing in the same field, makes this great capacity a necessity.

ADRIANCE FARM MACHINERY

In Hay Rakes we have Steel or Wood Construction.



The Adriance Steel Rake.

The Adriance Rake is designed to do the best work, by the simplest methods and with the greatest ease to the operator and the horse, and is most durably built to give efficient service.

Wheels The Steel Wheels are the largest standard, carrying all the parts high, they have a channel tire with spokes broadly staggered in the hub, giving great strength for resisting side or twisting strain, and the best support to the tire by the suspension method of construction. In event of accident to the wheel, spokes may be removed and replaced.

The Axle Is a stiff steel angle, fitted with steel spindles for the wheels. The casting holding the spindles serves also as a holder for the dump rod and cover for the ratchets, preventing hay from winding therein. To preserve its greatest strength and avoid sagging of the axle, we use a patented tooth holder, hereafter described, which requires few holes through the axle.

Frame The Draft Frame, also of angle steel, is hinged to the axle by steel hinges. This frame, to which the thills or pole is attached, carries the levers and the cleaners and the driver, and prevents his weight from coming on the middle of the axle.

All on one Center The Draft Frame and the Teeth swing from the wheel center, and the clearers are close under the axle. This arrangement, with our high wheels, gives clear under space and the greatest capacity for raking or bunching.

The weight of frame, driver, etc., has no effect on the operation of the teeth; turning with the axle in the wheels they are easily raised by the hand lever or by the dump rod and return to the ground quickly after dumping, leaving no unraked hay at the windrow and without jar to the operator or horse.

The teeth are readily held up or down, or may be fastened up, for going from place to place.

For one or Two Horses The thills as used for one horse, may be set up with a "combination," furnished with the wider rakes, to form a pole. The thills are brought well together at the draft frame and a substantial extension piece, which is provided with wear irons and yoke hook, bolts between them at the front.

The Teeth Are most carefully spring tempered, have a full coil for elasticity, besides having a longer curve than many, which not only increases the elasticity, but gives greater capacity. The tooth point is flattened on the sides and slightly runner shaped. It gathers all the hay without scratching the ground or gathering trash.

Steel Tooth Holders The teeth are held by a patented, special rolled, steel holder, which is lighter than any other construction, not liable to be broken and requiring fewer bolts through the axle. This holder insures true alignment of teeth and renders a renewal of a tooth very easy.

Does not roll the hay The Teeth are hung with points well under the axle, and the position is adjustable in a moment to suit different conditions. Two shorter spur teeth near the wheels prevent the raked hay from rolling or from gathering in the wheels. The hay when dumped is left damp side on top.

Effective Cleaners Are rigidly attached to the thill frame, projecting back close under the axle. They are braced sidewise to maintain a fixed position and insure perfect clearing of the ends of the teeth which lift well above the level of the axle in dumping.

Simple Levers For controlling the operation of the Rake are conveniently located for the driver. The dump lever requires but a touch of his heel to engage the dump rod in the ratchets at each wheel to lift the teeth, which drop automatically after dumping. When desirable the driver can lift the teeth by a lever at his right hand.

By another foot lever the driver can lock the teeth down firmly for bunching or other work requiring it, or by the same lever can hold the teeth up as long as desired.

By an adjustable connection from this lever to the axle or tooth head the hang of the teeth may be adapted to different work.

Adriance Steel Hay Rakes are built in the following styles:

No. 12,	8 feet,	24 Raking Teeth.	No. 16,	9 feet,	35 Raking Teeth.
No. 14,	8 feet,	30 Raking Teeth.	No. 17,	10 feet,	32 Raking Teeth.
No. 15,	9 feet,	28 Raking Teeth.	No. 18,	10 feet,	40 Raking Teeth.

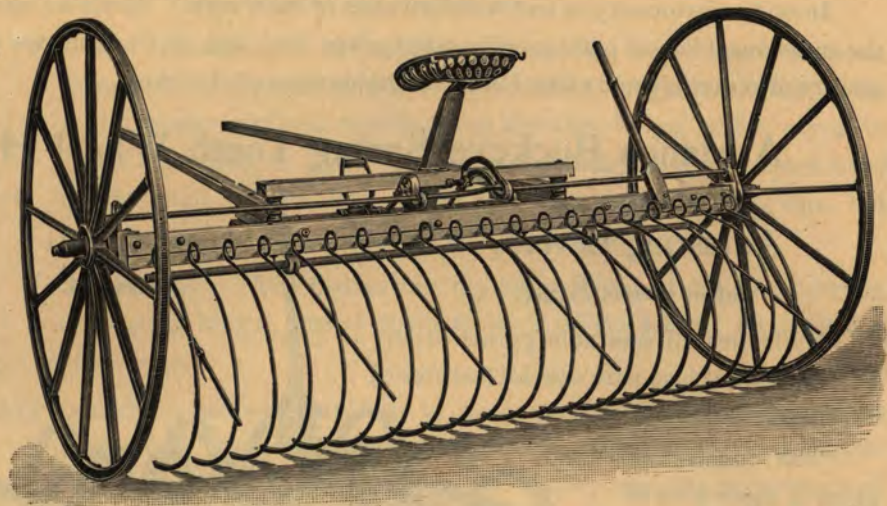
Special sizes on application.

Combination thills and pole are regularly shipped with 9 and 10 ft. Rakes.

If wanted for 8 ft. Rakes they will be furnished at small cost if ordered with Rake.

The New Yorker Rake.

All Wood
or with
Steel Wheels.



The preceding description of the Adriance Rake as to **Draft Frame, Levers, Teeth**, principle of arranging all **On One Center** and as to operation answers as well for the New Yorker as the essential difference between them is largely the material.

Wheels The Wheels, regularly furnished with the New Yorker, are of wood with a cast hub and ratchet. They are well made and tired, and the largest standard size securing advantages in running and capacity. When ordered with the rake, steel wheels with staggered spokes and channel rim can be supplied at a small additional price.

Axle There is very little boring or cutting to detract from the full strength of the axle, the teeth being held to it by a channeled holder. The steel wheel spindles are let into the axle for a secure seat and rigidly bolted thereto.

Oscillating Cleaner The New Yorker is fitted with an Oscillating Cleaner which has a free up and down motion, its weight rests on the hay, it rises as the hay gathers and when the hay is dumped thoroughly clears the teeth making a compact windrow. A spur on the two outer cleaner rods prevents the hay from rolling.

For one or Two Horses For any of the rakes the thills may be joined to form a pole. The wider rakes have a central stub pole in place to which the thills are bolted.

New Yorker Hay Rakes are built in the following styles:

No. 1,	8 feet,	20 Teeth.	No. 4,	9 feet,	26 Teeth,
No. 2,	8 feet,	24 Teeth,	No. 5,	10 feet,	24 Teeth,
No. 2½,	8 feet,	26 Teeth,	No. 6,	10 feet,	30 Teeth,
No. 3,	9 feet,	22 Teeth,			

Combination pole and thills are regularly shipped with 9 and 10 ft. Rakes.

If wanted for 8 Ft Rakes they will be furnished at small cost if ordered with Rake.

Our Line of Harrows

Includes various styles and standard sizes of each style. In all we have aimed to make the most durable and permanently satisfactory tool and to that end we use a weight and quality of materials not often found in implements of this class.

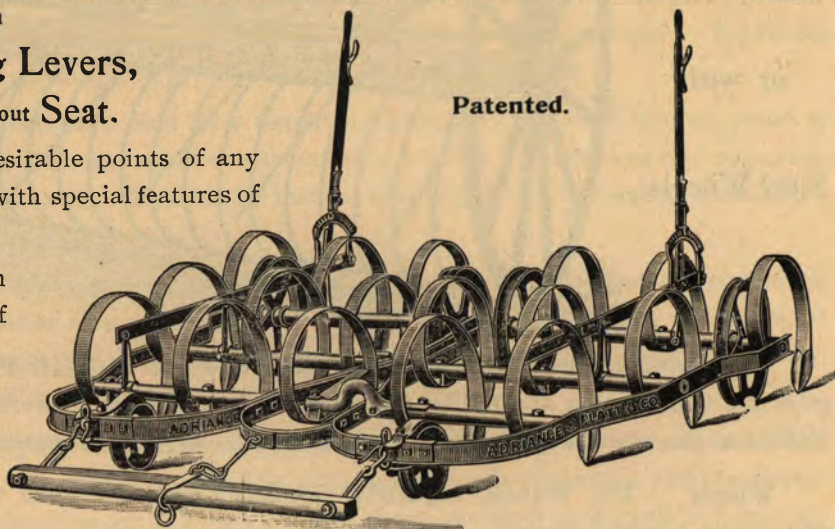
Adriance Buckeye Spring Tooth Wheel Harrow

with
Adjusting Levers,
with or without Seat.

Patented.

Embodies all desirable points of any harrow of the class with special features of exceptional utility.

The illustration gives a clear idea of the general plan.



Foundation The frame is of channel steel, securing strength and stiffness against any strain. The tooth bars are of tubular steel, with riveted trunnions by which they are secured in the frame while free to turn for the adjustment of the teeth.

Best Teeth The Teeth are of spring steel, adapted by careful tempering to the requirements of their work and are shaped to hold uniformly the depth at which set without causing undue weight on the wheels. They are fastened to the tooth bars by a simple device and held securely in place and in line. A reinforcing washer absolutely prevents breakage at the bolt hole.

About Trailing and Clogging The arrangement of the teeth balances the sections of the harrow and prevents tendency to trail. The middle tooth, at front of the harrow, prevents clogging where the frames come together; and its absence from the rear leaves clear space at the carrying wheel, and prevents clogging there. This arrangement is peculiar to our harrow.

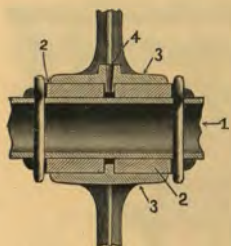
The Wheels Supported on wheels which have a good bearing surface, with teeth carefully shaped to minimize downward draw, our Harrow secures the lightest draft possible with any desired depth of cultivation and ensures also the uniform work of each tooth.

The wheels materially assist also in holding the Harrow in line, and support the driver when a seat is used, with the minimum increase in draft.

The Leading Wheels are mounted in a swivel yoke which supports both ends of their

axle and are provided with sand bands and a cleaner. They carry the front of the harrow steadily and assist in turning it the moment the team turns.

Wheel Bushings The rear Wheels turn on bushings which are easily renewed when worn. The sectional drawing illustrates the arrangement, showing:— 3, the wheel hub and within it an annular flange, which serves to retain the wheel in place on the two bushings, 2-2, which are fixed on the shaft by the keys. The space between the bushings, not occupied by the flange, forms a central oil chamber.



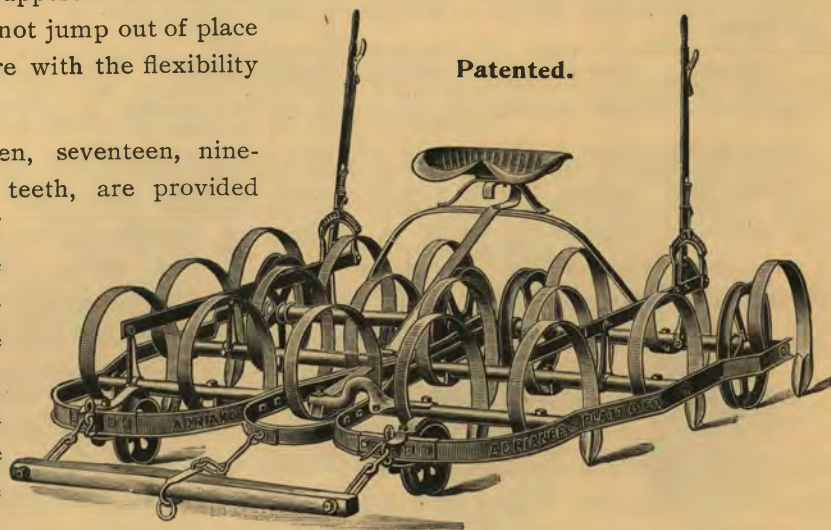
Hinges The frames are mutually stiffened by three strong connecting hinges, one of them forward of the teeth. Sections can

be easily separated at the hinges.

Our Levers Are located at the extreme rear of each section, the most convenient position for use. The adjusting bar is connected to the tooth bars by strong malleable iron arms of sufficient length to give a good leverage and render easy the adjustment of the teeth by the lever. Lever latches and racks are well fitted and when the levers are set in corresponding notches the teeth will surely be adjusted to the same position and draw uniformly.

As a Riding Harrow The Adriance Harrow is just as well balanced when provided with a seat, which adds little to the cost and is in demand in many localities. The seat and spring are supported on a braced arch piece which cannot jump out of place and does not interfere with the flexibility of the harrow.

Four Sizes Fifteen, seventeen, nineteen or twenty-one teeth, are provided for by two sizes of frames. On one frame, fifteen, or seventeen teeth, on the other frame nineteen, or twenty-one teeth may be used and the number may be changed at any time.



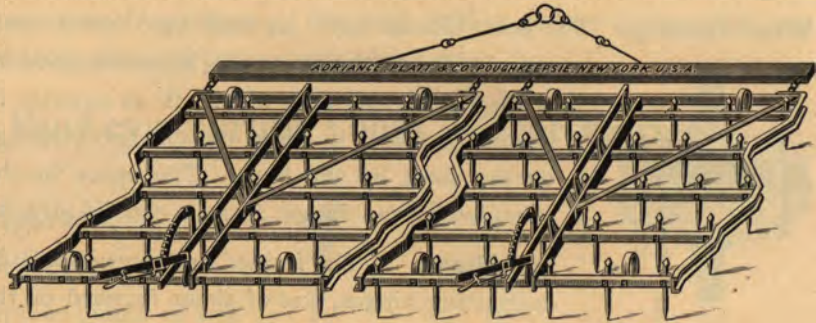
For one Horse We have a special harrow of nine teeth, with a guiding handle.

ADRIANCE FARM MACHINERY

Adriance Peg Tooth Lever Harrow.

Planned Right,
Built Right,
Works Right.

May be used in
One, Two or
Three Sections.



Fully Framed, Stiff Channel Steel side bars, and a middle frame **Well Braced** bar, all connected, so hold the tooth bars that each is supported by all others. Each section is further stiffened by two diagonal braces. There is no harrow which will so well withstand wrenching and prevent trailing of the teeth as the Adriance. The side frame bars prevent any tooth bar from coming in contact with obstructions.

Non-twisting Steel Bars, **U** shaped and of great stiffness, carry the teeth. They are locked in the side frames by malleable trunnions and at the middle frame bar each has a circular bearing, locking it in position and stiffening the frame.

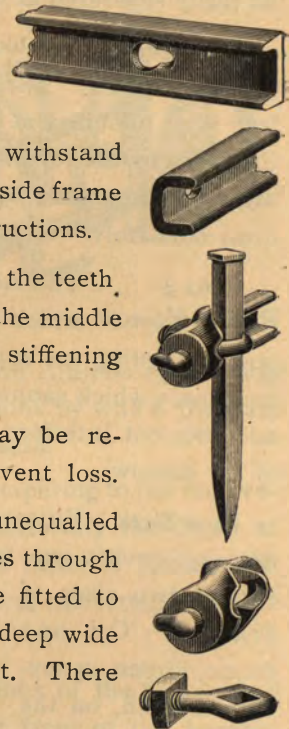
Teeth Are diamond pattern, dagger point. They may be reversed and set down as they become worn, and are headed to prevent loss.

Tooth Holder Our steel forged eye bolt with well cut thread is an unequalled **Tooth Seat** holder. It fits snugly around the tooth and passes through the tooth seat, holding all rigidly to the bar. A malleable piece fitted to the tooth bar reinforces it on each side of the bolt hole, forms a deep wide seat for the tooth and also a socket which reinforces the eye bolt. There is but one nut to loosen to reverse or reset a tooth.

Levers and Draw Bar At the rear of each section are levers by which every tooth can be set at desired inclination and held, or all may be laid back level with the frame. With teeth leveled the harrow is thrown upon runners for drawing about easily. The Draw Bar is attached to each section by hooks easily detached when desired. The draw rods are connected by rings to avoid buckling in turning. The Sections are independent, each follows the surface being worked.

Sizes	50 Teeth, 2 Sections, 7½ ft. wide,		75 Teeth, 3 Sections, 11½ ft. wide,
	60 Teeth, 2 Sections, 9 ft. wide,		90 Teeth, 3 Sections, 14 ft. wide.

With three section harrows we furnish a combination draw bar by which the harrow may be used as either 2 or 3 Section.



New Yorker Disk Harrow.

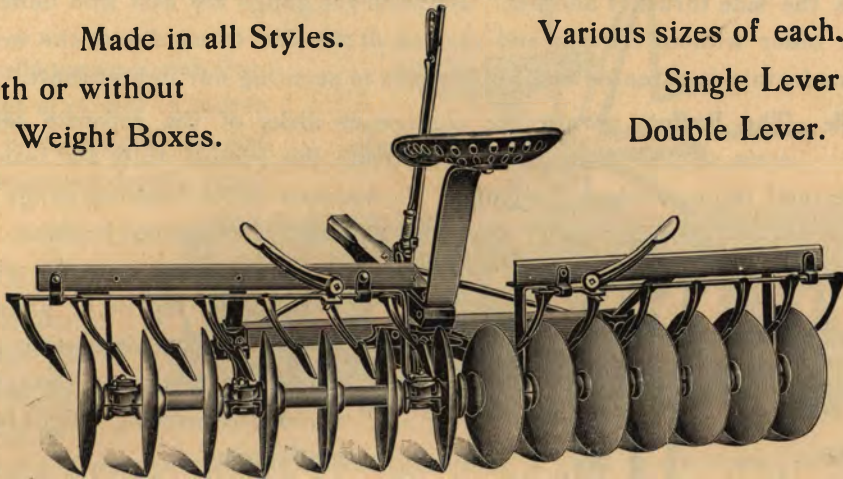
Made in all Styles.

Various sizes of each.

With or without
Weight Boxes.

Single Lever or
Double Lever.

Single
Lever
Harrow



Without
Weight
Boxes

Disk Harrows, the practical farmer knows, have essentials in them as in more complicated implements, and do not all work alike or last alike. In the New Yorker we combine all points for the production of the best harrow as they are combined in no other.

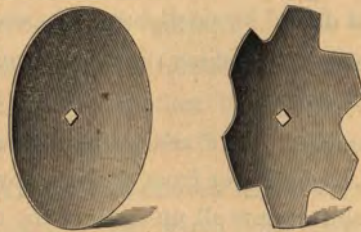
The Frame The Frame is of steel and well braced but light, because it is a draft frame only and has to bear no part of the side thrust of the gangs. The weight of the driver balances the frame and the pole so as to leave no neck weight.

Line of Draft The line in which the draft is applied to a Disk Harrow is a matter of much consequence. We have determined, by practical experiment and experience, that the right line to secure the most effective work of the gangs with the lightest draft is a little above the axle, as on all our harrows.

Two or Three Horses For two horses both pole and draft point are in the middle of the harrow. For three horses the pole is set to one side, but the draft point remains in the middle. Any harrow may be used for two horses.

The Disks We use patent rolled edge disks. There are others which cost less, but the rolled edge is tougher and stands more hard usage than a disk ground to an edge.

The Gangs Each set of disks is put up on a square steel axle fitting closely the square hole in the disk; thus turning on the axle is impossible. Thimbles are carefully made to maintain correct position of disks and the gang is securely held together.



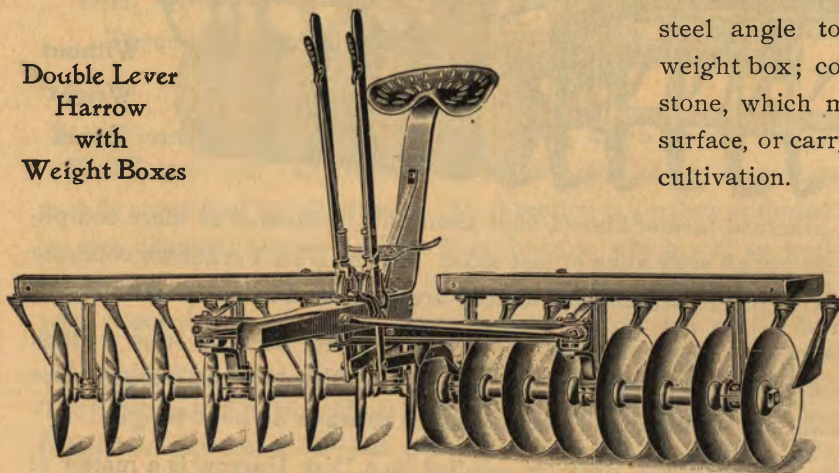
Bearings and Oil Tubes The Bearings and Boxes are the very best for the purpose, have well fitting sand bands preventing dust from getting in the boxes. Each bearing is conveniently oiled through a tube extending to the top of the frame, avoiding chance for dirt to get to the bearings through oil holes.

Side Thrust We avoid side pressure and wear on the bearings by providing that one gang resists the side thrust of another. Between the gangs are cast iron buffers which roll on each other without friction and receive all the side thrust due to the work of the gangs. This feature is patented and greatly aids in securing our lighter draft.

No middle ridge The Buffers permit the contiguous disks of the separate sections to come so close together as to cultivate the ground fully and leave practically no unturned ridge between the gangs. In harrows which hold the gangs apart by the frame and have to provide for end wear, this thorough work cannot be done.

The harrow is made with either steel angle top or a pressed steel weight box; convenient for gathering stone, which may be brought to the surface, or carrying weight for deeper cultivation.

Double Lever
Harrow
with
Weight Boxes



The angle bar top makes a little lighter harrow than the box style, the weight being reduced without any lessening of strength or detriment to working qualities.

Adjusting Levers Our harrows are built with either one or two levers for adjusting the working angle of the gangs. One lever operates both gangs at the same time and adjusts them to the same angle. With two levers the two gangs are independently operated and adjusted.

In either case, the lever is connected to the inner boxes of the gangs by strong, adjustable, connections which serve another purpose also.

Gangs held down The lever connections passing under a fulcrum beneath the frame and bearing down above the axles, prevent the inner ends of the gangs from rising, for which there is always a tendency, and insure the best leveling work of the entire harrow.

Scrapers Affixed to the top or weight box is a sliding bar carrier for the scrapers, which are held free from the disks by a spring. A touch of the driver's foot on our new lock-lever shifter sets all up against the disks, and locks them until released by another touch of the foot. Each scraper is adjustable for wear and to come up uniformly to the disks.

Sizes Harrows are 12, 14 or 16 Disks of either 16, 18 or 20 inches diameter. Space between disks $6\frac{1}{2}$ inches.

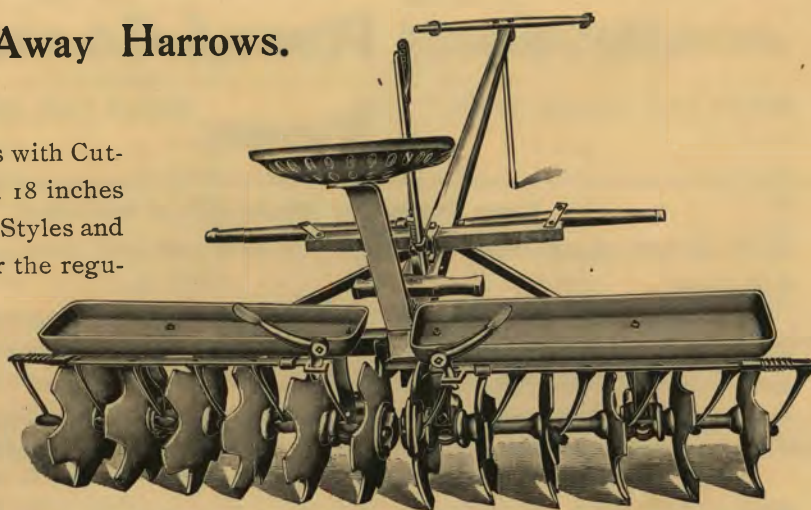
See description of cutaway harrows on next page.

Cut-Away Harrows.

We build harrows with Cut-Away Disks of 16 and 18 inches diameter, in the same Styles and Sizes as described for the regular disks.

The Cut-Away harrow does not do as thorough work as the solid disk harrow yet

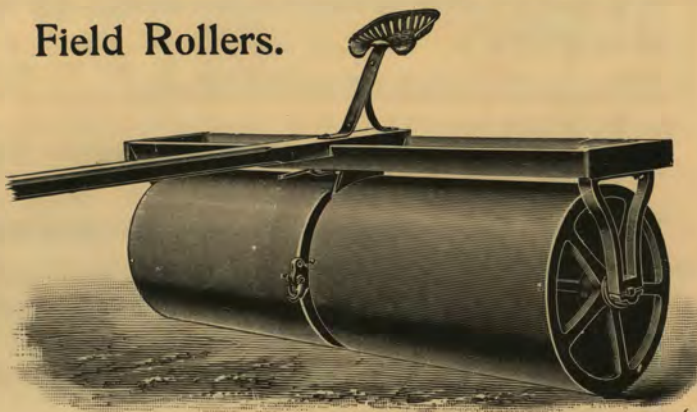
in light soil and stalk ground and in soil containing a good many stones, it works much easier and is better adapted to covering trash.



Field Rollers.

Steel or Wood,
Two Horse and One Horse
Sizes.

The Rollers sold by us have a reputation for excellence and durability and will last a lifetime if properly cared for.



The Steel Rims Are the best steel for the purpose, and the rims or cylinders are firmly fixed to the heads, which are heavy and substantial, and not liable to break.

The Oak Stave Or Wood Drum Roller, is made of good oak lumber, the staves are fastened in grooves in the cast heads, which are held firmly together by three rods in each drum. Great care is taken in having the lumber well seasoned.

Bushings For the axles are arranged so that they can be removed when worn and replaced by new ones at little expense; frequently saving, as compared with other rollers, the cost of an expensive part or a part difficult to replace.

Sizes For two horses 8 ft. long. For one horse 4 ft. long. Steel Rims are in either 2 or 3 Sections of 24, 26 or 30 inches diameter. Oak Stave in 2 Sections, 28 inches diameter. For one horse, shafts are furnished in place of pole.



Warranty.

Every Machine we Manufacture is Warranted

To be well built, of good material, and capable of doing good work under proper management in operating it.

If for any reason, the machine should not appear to work properly upon its first day's use by the purchaser, he must give immediate notice in writing to us at Poughkeepsie, N. Y. ; and to our agent at his address, through whom he purchased, stating in what respect he deems the machine to fail, and must allow a reasonable time for a competent person, to be sent by us, to remedy the alleged defect; the purchaser to render necessary and friendly aid for that purpose.

If then, it cannot be made to work well, the purchaser shall return it at once to the agent from whom he purchased it, and another machine shall be given and taken in its place; or any payment the purchaser has made to us shall be refunded, and this shall be a complete settlement between the purchaser and ourselves. No provisions of this warranty and agreement can be waived, altered or modified in any respect by any agent.

Continuous use of the machine, or at intervals through the harvest season, or failure to notify us as above, or to return the machine as above provided, shall be deemed positive acceptance of it by the purchaser.

Adriaunce, Platt & Co.

Established 1855.

Repairs.

Take Care Convenience and Certainty of procuring fixtures for repairs are very important points for a farmer to consider when selecting a machine.

Supplies of our extra parts are kept at General Agencies, and at several hundred depots located in every part of our territory, and it is an indisputable fact that for no other machine can fixtures be as easily and surely procured.

Beware of Spurious Fixtures.

Avoid Trouble and Damage Our Scythe Sections, Guard Fingers and other parts are of the best quality, properly finished to our standard gauges and sure to fit the machines for which designed. Imitations of our parts are not as good and will not fit properly.

Refuse to purchase any sections not stamped A. P. & Co., and all other parts for our machines which are not guaranteed to be from us.

For further information address the most convenient General Agency.



Sizes, Styles and Equipment of Adriance Implements.

ADRIANCE STEEL HAY RAKES.

No. 12,	8 feet,	24 Teeth.
No. 14,	8 feet,	30 Teeth.
No. 15,	9 feet,	28 Teeth.
No. 16,	9 feet,	35 Teeth.
No. 17,	10 feet,	32 Teeth.
No. 18,	10 feet,	40 Teeth.

In addition to the number of raking teeth as given every rake has two guard teeth, one near each wheel.

NEW YORKER SULKEY HAY RAKES.

No. 1,	8 feet,	20 Teeth.
No. 2,	8 feet,	24 Teeth.
No. 2½,	8 feet,	26 Teeth.
No. 3,	9 feet,	22 Teeth.
No. 4,	9 feet,	26 Teeth.
No. 5,	10 feet,	24 Teeth.
No. 6,	10 feet,	30 Teeth.

The New Yorker is sent regularly with **wooden wheels**. **Steel wheels** are furnished when so ordered, at an extra charge.

With Adriance and New Yorker Rakes 9 and 10 feet, combination thills and pole are shipped whether specified or not. If ordered for eight feet rakes they will be furnished at slight extra cost.

SPRING TOOTH LEVER HARROWS.

With wheels, with or without Seat as ordered.

All two horse harrows in two sections.

15 Teeth.	} Teeth may be changed from one number to the other at any time.
17 Teeth.	
19 Teeth.	} Teeth may be change from one number to the other at any time.
21 Teeth.	
9 Teeth.	One section with Handle for one horse.

PEG TOOTH LEVER HARROWS.

Teeth.	Sections.	Width.	Teeth.	Sections.	Width.
50	2	7½ ft.	75	3	with 11½ ft.
60	2	9 ft.	90	3	C. D. B. 14 ft.

A Combination Draw Bar (C.D.B.), is a regular 2 Section Draw Bar attached before a 3 Section Draw Bar. With a C.D.B., 3 Section Harrows may be used either 2 or 3 Section.

NEW YORKER DISK HARROWS.

Single Lever or **Double Lever** in all sizes. With or without Weight Boxes, all with Scrapers.

Size.	Size.	Size.	Cutaway Harrows	One Horse Single Lever Harrows.
12, 16 in. Disks	12, 18 in. Disks	12, 20 in. Disks	in all Styles of 16 in. and 18 in. Disks.	8, 16 in. Disks
14, 16 in. Disks	14, 18 in. Disks	14, 20 in. Disks		10, 16 in. Disks
16, 16 in. Disks	16, 18 in. Disks	16, 20 in. Disks		

If weight boxes are wanted a small addition is made to price. Orders must show when weight boxes are desired, as without such specification Harrows will be shipped without weight boxes.

All Disk and Cutaway Harrows are equipped with a Pole and Neckyoke, and **either** a three horse **Evener**, with a Single tree and Stub Pole, **or** a set of two horse Whiffletrees. With Harrows having 14 or 16 disks the three horse rig is always sent.

Orders must specify whether "3 horse" or "2 horse" rig is wanted. Two horse whiffletrees ordered with a three horse rig are charged extra. Harrows with three horse rig can be used with two horses by removing the stub pole and using owner's own whiffletrees.

TWO HORSE FIELD ROLLERS, 8 Feet Long.

Diameter.	Sections.	Diameter.	Sections.	Steel Rim Rollers with 3 Sections can be supplied when ordered; they cost a little more than 2 section.
Oak Stave, 28 inches,	2	Steel Rim, 26 inches,	2	
Steel Rim, 24 inches,	2	Steel Rim, 30 inches,	2	

Regular equipment of Rollers includes Pole and Seat but **neither** Whiffletrees or Neckyoke. If ordered with roller, Whiffletrees will be furnished at moderate price.

ONE HORSE ROLLERS, 4 Feet Long, with Shafts and Seat. { Steel Rim, Diameter 26 ins. 2 Sections.
{ Oak Stave, Diameter 28 ins. 2 Sections.

The Adriance Plymouth Binding Twine.

Every time Can be relied upon as being just what it is represented to be ; Strong Uniform, Full Length, Full Weight. The best in every respect. Each ball of twine has our tag and marks, and the "Plymouth Sheaf."

OUR SPECIAL BRANDS ARE

Pure Manila	Just what the name denotes, strictly unmixed fibre, not equaled by any other Binder twine made.
A. P. M.	Which equals or is better than much so-called pure manila.
A. P. EX.	Is a special mixed twine of excellent quality, running a little shorter than A. P. M.
Standard	A smooth even fibre which will run better than any other twine commonly known as "Standard."
Pure Sisal	Made from pure long white fibre, smooth and uniform.

TRADE MARK
ADRIANCE



Be Safe Buy our Guaranteed Twines and avoid loss in the field.

They give more bands for the money than any other twine.

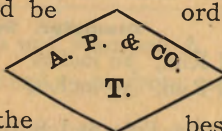
Extra Parts.

Triumph, Clipper (Morgan's), Seymour ; Mowers, Reapers and Binders.

You can get the goods Having purchased from D. S. Morgan & Co., of Brockport, N. Y., all their interest in the Reapers, Binders and Mowers heretofore manufactured by them, together with patterns, etc., we keep on hand Extras likely to be wanted, for all machines made by them and any part, correctly ordered, can be promptly shipped.

These extras may be ordered through our agents, or former agents for the Morgan Machines, or can be obtained direct from us at Poughkeepsie, N. Y., or Rochester, N. Y.

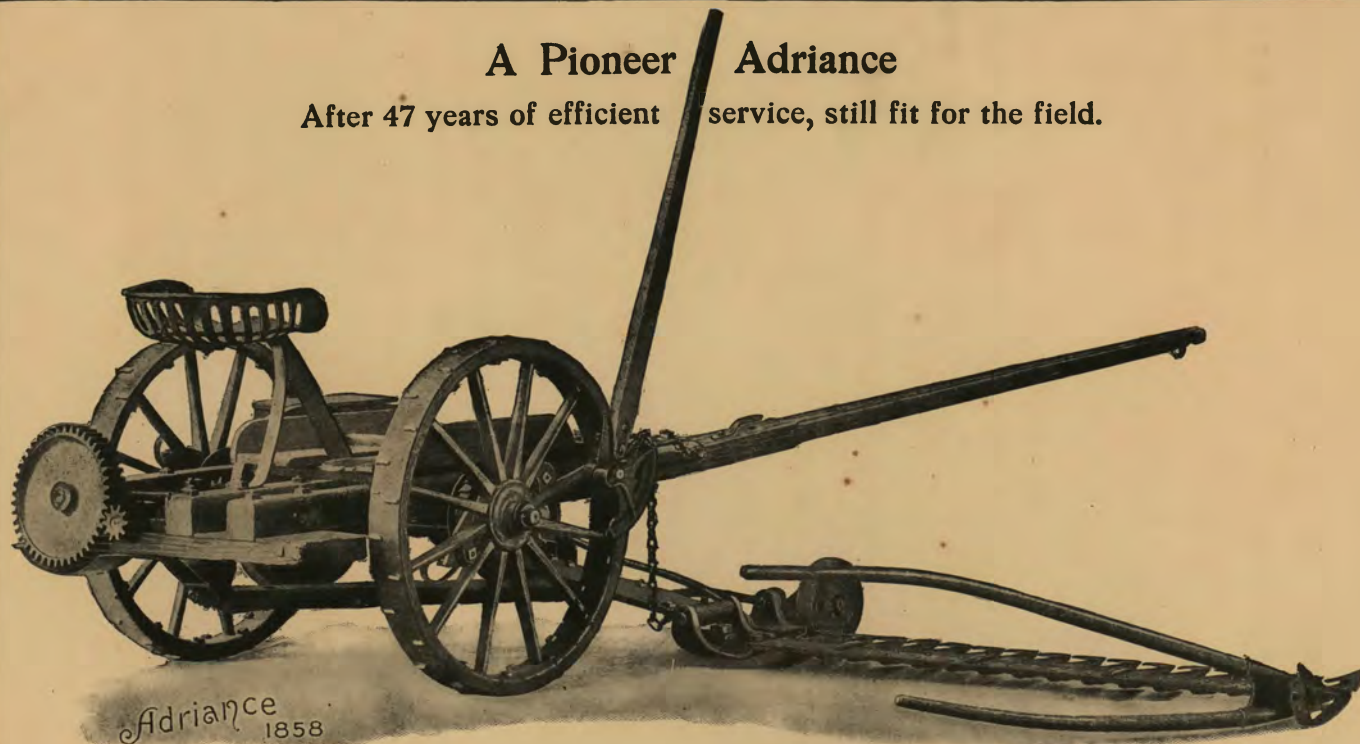
Sections, Scythes, etc., should be ordered from us, or you should insist upon having those of our manufacture. Sections of our make for Triumph Machines are stamped and packed in boxes with our name on the label. They are not only the best and more economical in use but are sure to fit.



ADRIANCE, PLATT & CO.

A Pioneer Adriance

After 47 years of efficient service, still fit for the field.



This interesting mower with wooden driving wheels was built by us about 1858. In 1901 we exchanged a new mower for it and traced its ownership back to 1861, when it was mowing for "the neighborhood" and doing far more work than for a single farm. Later for 20 years it was in active service on one farm and in 1901 the owner wrote "It was the best mower I ever saw and will mow yet."

This mower was truly a pioneer, going before, clearing away the obstacles and preparing the way for the general use of mowers. How fully it embodies the principles of the modern mower may be surprising to the younger farmers, but the fathers will recall that we were the first to introduce the fully successful mower. Introducing the pioneer, we have ever kept in advance in true improvement.



MOWERS,
REAPERS,
BINDERS,
IMPLEMENTS.

Adriance, Platt & Co.