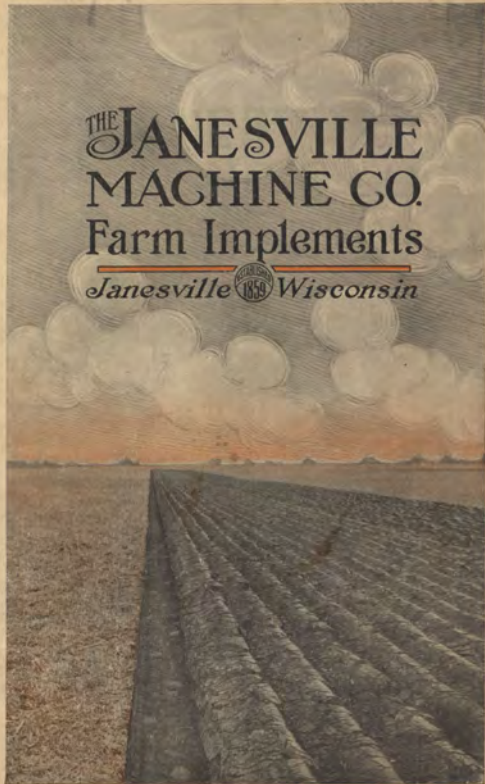


THE JANE SVILLE
MACHINE CO.
Farm Implements

Janesville  *Wisconsin*





Factory of The Janesville Machine Company, Janesville, Wisconsin. Established 1859.

948M



Janesville Walking Plows

Nearly 30 years ago Hans Sater perfected his famous plow bottom shape. We say "shape" because he built it only in the stubble and general-purpose styles. These two styles were so perfect in design, so complete in regard to the thousand and one details that they worked and *Gave Satisfaction* to such an extent that in the 30 years of their usefulness not one single measurement needed to be changed. This is a record for efficiency not equalled in the record of plow building. We are today using the same shape in our regular Turf and Stubble and Stubble series of walking and riding plows.



The Champion Janesville Way. Plow No. 74—14' Size—See Page 3

When you look at a Janesville Walking plow you do not have to wonder in your own mind whether this particular plow was put in stock on the judgment of the one who is trying to sell you because he has his money in it. But you can feel sure its the best for your particular locality because the J. M. Co. says so or it would not be offered for sale to you.

Think of the thousands of communities where Janesville Plow Bottoms are working. Think of the many different kinds of soils in the individual farms and fields in these different localities and then remember that Janesville has had but two plow bottoms and that our business has grown to large proportions on this *Perfect yet Simple* foundation.

This one big idea alone makes you have confidence in Janesville Goods. Makes you pause and question if there was ever another manufacturer so consistent in manufacturing and who had the abso-



Janesville No. 24—14" T. & S. Plow, Right or Left Hand

lutely correct principals in their methods of manufacture. It's a record and we are proud of it.

Now that we have given you a history of the T. & S. and Stubble bottoms which is of the series we have referred to, we ask you to note plow bottom on page 10 which is the other or second "shape." This is our famous S. & S. Bottom originated by us which turns all soils such as sod, stubble, corn-land, sandy loam and light magnesia soils. Thus you have a plow bottom successful in all kinds of difficult soil. Its shape is narrow and long and follows the lines of least resistance from share point to heel of mouldboard. It does not raise the furrow slice as high as other shapes. It does not kink soil. Yet the Anger Twist at the end produces a pulverizing effect on all loose soils. Seeing is Believing. Note actual photograph produced on page 4 of the action of this plow. It will do as well for you.

Remember that the plow of Janesville Make *must work*, our reputation is in it. It is the foundation of our future relations with you and it must be right.

After all these years of plow building and our perfect record we certainly would not cheapen that record by using poor material.

We are the only manufacturer who sends out all its walking plows equipped with a solid ring in the clevis. This ring connection is the only perfect swivel hitch connection and could not possibly be used unless the plow is perfectly made and in perfect balance. We see to that part of it before we offer it to you.

Janesville walking plows are landed for two or three horses, in both the steel or oak beams, right or left hand. The oak beam plows have a handy landing device on rear of them.

Heavy soft center steel shares, reinforced at the points with two extra heavy layers of steel, one underneath and one on top of point.

Soft center mouldboards are furnished on all of our walking plows and are shinned with a heavy piece of high grade steel.



No. 74—14" Sod and Stubble Walking Plow, Right or Left Hand

Best quality of cast steel shares furnished on plows when so ordered.

Cast iron shares furnished on plows when ordered. Made of best iron possible and for long service.

Shapes—Turf and Stubble, Stubble and the Sod and Stubble (long low turn mouldboard).

Stubble Walking plows are made with soft center stubble mouldboard, share and landside, steel or oak beam, right or left hand turn in following sizes: 12", 14", 16", 18". This plow is furnished with low landside in steel beam only if desired.

Turf and Stubble walking plows are made with soft center mouldboard, share and landside, steel or oak beams, Right or Left Hand turn in following sizes: 10", 12", 13", 14", 16", 18". Exception—10" and 18" bottoms not made with oak beams.

Turf and Stubble Walking plows are also equipped with solid cast steel shares and landsides, soft center mouldboards, steel beam only with Right or Left hand turn in 10", 12", 13", 14", 16".

Turf and Stubble walking plows can also be equipped with cast shares, quick detachable cast landside and extra cast share, steel beam only, Right or Left Hand turn in following sizes: 12", 13", 14", 16".

Sod and Stubble walking plows (long low turn) are equipped with soft center mouldboard and share and landside, steel beam only, Right or Left hand turn in following sizes: 12", 14", 16", also equipped

Janesville Cutters



with cast share and cast landside and extra cast share in Right and Left Hand. All Janesville Walking Plows guaranteed to scour where it is reasonable to plow. Gauge Wheels, Fin cutters, Hanging cutters, Quincy Reversible cutters and straight Reversible cutters furnished on orders.

Janesville Riding Plows

Sulky—Two Bottom Gang—Three Bottom Gang



Janesville No. 14—14" Stubble Sulky Plow, Right or Left Hand

There are just three things which concern or interest you when you buy a gang or sulky plow:

- First—The Kind of work it will do.
- Second—How long will it last.
- Third—Draft.

All other points are of minor importance beside these three great essentials.

First—The kind of work produced by a plow covers not only the manner in which it lays and leaves the furrow slice but the actual increase in crops it will produce by the proper laying of the soil. We submit a picture of Janesville work herewith and have a booklet of these scenes which we can send you on request.

No plow made in the United States can produce better work in the field than the Janesville. Our record at the largest and oldest plowing matches in the U. S. held annually at Wheatland and Big Rock, Ill., proves we cannot be beaten in the field. We have taken *Seven Champion Sweepstake Prizes* over all competitors and many other winnings too numerous to mention here. We give herewith record of last year as a sample.

Second—We guarantee a Janesville Plow to wear as long as the original purchaser will use it if he will take reasonable care of it by keeping his shares in good shape and renewed when needed.

On account of the hard work the Janesville share is called upon to do during its life in all kinds of soil we have insured our reputation with the user of Janesville Plows by building one of the best shares ever put on a walking or riding plow. It is made of heavy soft center steel with two reinforcements of steel on top and bottom of the share



Janesville No. 20—16" Sod and Stubble Sulky Plow, Right or Left Hand

point which forms the Janesville Chisel Point and as the point of the share is worn backward, it wears into *more* material instead of less as in the ordinary long shallow pointed shares.

Blacksmiths repeatedly write us for shares with the hope that they can use them in their general trade on all plows. They claim we have the only correctly designed share ever brought into their shops.

This is a Service Record from the field through the hands of the farmer and trusty blacksmith and not a fake talk on the demonstration floor. Also the Janesville Riding Plow is flexible in the frame which saves the share. Strike a rock and the plow raises instantly saving leakage. This flexibility is due to our Single Bale Construction which goes a long ways to lighten the draft and protect it against injury. The Janesville will prove to you through long years of hard service the UPKEEP of the plow is the smallest possible. Remember there is the first cost of the plow and then the upkeep cost.

If the upkeep cost is the lowest possible you save on repair expense, long waits, loss of time, etc.

Third. If the Draft is the lightest by proof in competitive tests you save in horses and feed.

Havana, N. Dak., Feb. 10, 1914.

Janesville Machine Co., Janesville, Wis.

Dear Sirs: I was looking The Farmer Paper of St. Paul over this evening, and I saw your advertisement and noticed that you people made the Budlong Disk Harrow.

I have one. It is about 20 years old and is good yet except a few bearing boxes are broken and I would like to know if I can get the repairs for it.

Please answer soon.

Yours truly,
(Signed)

H. E. BARBKNECHT.



Janesville No. 68 12' S. & S. Bottom Gang, Right or Left Hand

1914 WINNINGS

Wheatland, Ill., September 17

Post Graduate Class:

- First and Second in Prize Winners' Class.
- First, second and fourth in Men's Riding Plow Class.
- First in Boys' Class Under 17.
- First and second in Boys' Class Under 15.

Grant Park, Ill., September 16

Champion Plowmen's Class:

- First in Men's Sulky Plow Class.
- First in Boys' Sulky Plow Class.

Big Rock, Ill., September 26

Expert Plowmen's Class:

- First and second in Sulky Plow Class.
- First and second in Gang Plow Class.
- First in Boys' Class.

1913 WINNINGS

Grant Park, Ill., September 27

Gang Plow Class:

- James Hunt, first prize.
- Men's Sulky Plow Class:
- William Hunt, first prize.
- Boy's Sulky Plow Class:
- John Webber, first prize.

Wheatland, Ill., September 18

Post Graduate Class:

- Frank Boardman, first prize and sweepstakes.
- William Fairweather, first prize.
- Morris Williams, third prize.

Prize Winners' Class for Silver Cup:

- Fred Hageman, first prize.
- Ben Davis, second prize.
- Tom Quantock, third prize.

In the Men's Class:

- Walter Thompson, first prize.
- Otto Miller, second prize.
- Joseph Kahlis, third prize.

Boys Under Seventeen Class:

- Harry Graver, first prize.

Big Rock, Ill., September 27,

Prize Winners' Class:

- Morris Williams, first and sweepstakes.
- Waldo Thomas, second prize.
- Frank Boardman, third prize.

Men's Regular Class, Open Field:

- George Souders, first prize.
- Verne Thomas, second prize.

Boys Under Nineteen Years of Age:

- Harry Graver, first prize.
- Benjamin Edwards, second prize.
- Albert Don, third prize.



**Janesville Gang No. 71, 14' T. & S. Bottom, Showing Malleable Frogs,
Right or Left Hand**

1912 Winnings

Conducted by its own members—free from the influence of outsiders and using any plow they may desire—it takes a perfect plow to win in such competition.

The Janesville has won repeatedly year after year.

In recent Wheatland and Big Rock matches the Janesville Plow won 16 out of 21 prizes with 8 entries of other manufacturers competing.

Plowmen using Janesville Plows scored 93 and 95½ out of a possible 100 points.

This record being the highest ever made by any plow in a competitive match.

The year previous the Janesville did equally good work—winning at the same matches.

The Record at Wheatland was as follows:

Sweepstakes Prize

Gold medal in Post Graduate Class.
1st Prize in Prize Winners Class.
1st Prize in Men's Riding Plow Class.
1st Prize in 15 year old Boy's Class.

At Big Rock the Score Showed:

Sweepstakes Prize

1st Prize in Prize Winners Class.
1st Prize in Men's Riding Plow Class.
1st Prize in Gang Plow Class.

This is what a Tennessee Corn Grower says about the Janesville Planter. He is the man who raised the corn that won first and Sweepstakes Prizes at the National Corn Show at Omaha in 1912 and has a very extensive trade on seed corn.

Normandy, Tenn., May 24th, 1913.

Brinly-Hardy Co., Louisville, Ky.

Gentlemen: The Janesville Corn Planter I purchased from you this Spring is superior to any I have ever used. I have been operating different makes of Planters for the last twenty years and this is the only one I have ever used that did not catch my long grain corn and cut it in the plates. I used Plates L314 in drilling and it did the work as near perfect as it is possible for a planter to do. I am very much pleased with the Janesville. Signed, R. S. BRANDON.



Three in One Gang Plow

Right or Left Hand



The famous Janesville Gang shown in this model can be set to cut 12", 13" or 14" furrows.

When plowing is especially hard or difficult, or you are short of horses, or the weather is too warm or for any other reason, you can set your plow to just the width of furrows you want.

Changes to different widths quickly made. If you have any sod to plow you will find the Janesville 14" T. & S. bottoms set down to 12" will turn as pretty a furrow as any breaker.

If you wish to hitch square between the bottoms turn clevis over to the right.

Save the expense of a breaker attachment. Save your horses and buy a plow which can be set to suit your varying conditions.

This model of gang plow is one of our most popular and we recommend it without reserve and guarantee it under all conditions.

Made in T. & S., Stubble, S. & S., and Breaker Bottoms.

Janesville Riding Plow Bottoms enter and leave ground points first like the action in a walking plow.

The famous Janesville S. & S. Bottom raises the soil only high enough to turn the furrow over on its own corner.

Should the soil be such as is found in old corn ground, light sandy loam or any of the loose soils such as is found in some parts of Kansas, the S. & S. Janesville Bottom lays the furrow clear over, and, at the same time, pulverizes it the same as shown in this booklet.

The smooth natural travel of the soil over the S. & S. Bottom is obtained by the shape of the share and mouldboard which is laid out on the lines of a Giant Auger and follows the lines of least resistance.

This auger twist starts at the share point and passes to the back of the mouldboard, raising the furrow only on to its corner.

The scouring qualities are almost beyond belief and the draft has been reduced one-quarter and sometimes more.

These qualities are brought about by letting the furrow pass over the board as it naturally would if it were water instead of soil and not trying to bend the furrow slice this way and that way, out of its nat-

ural line of travel from share point to back of mouldboard. This is the ideal mouldboard you have been looking for ever since you started to plow.

These principles were first discovered by us and are patented.

Such perfect work, scouring and easy draft are only possible in the patented Janesville S. & S. Bottom.

The rod connecting both furrow wheels allows the pole to swing with the motion of the horses without affecting the rear wheel. The rear wheel castors independently when plow is turned either to the right or left.



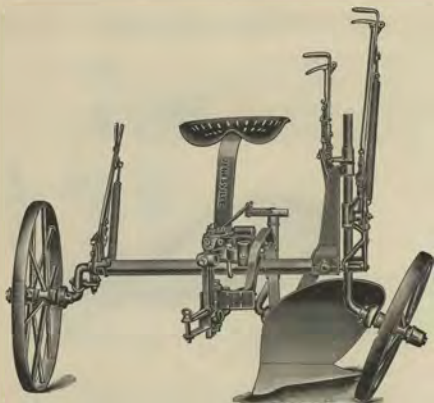
**The Famous S. and S. Bottom (Patented) Made in 12", 14", 16"
Right or Left Hand, Rider or Walker Type**

The bail holds up the beam 12" ahead of the center of the land wheel hub. This takes care of the penetration of the plow bottom even after the share has been worn down close to the mouldboard and frog.

Flexibility—a single bail plow is the only kind of a Riding Plow which you can see with the eye, that you are hitched absolutely correct. When the Bottom will oscillate slightly in the connection at the rear of the beam you will know it is floating properly with the least possible draft.

For instance, when you dig a post hole with a spade it is next to impossible to force the spade into the soil with direct foot pressure unless you work the handle backward and forward. The downward push of the foot and moving the spade every time you take a shovelful becomes such a habit that you are not aware of the operation. It would take a weight greater than your own to force the blade into the ground unless you do as we have stated above.

This is true of a plow which is solid in the frame and rides on the bottom of the furrow. It must cut by *sheer force of draft*, while the single bail plow is just flexible enough to work like the spade and is one great secret of its light draft. Don't overlook this when you buy a plow. *It pulls easier and saves the plow and horses.*



No. 38—16' S. & S. Junior Sulky—Right or Left Hand Turn

This model of plow is made in 12, 14, 16 and 18" Bottoms in S. & S., Stubble and T. & S. shapes. It is equipped with rolling coulter and three horse hitch regular, but can be had with pole or jointer.

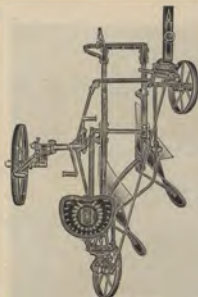
Cast or cast steel shares can be had in place of soft center steel shares. This plow while it does not have a frame is controlled in and out of the furrow as handily as our frame plows. This is largely brought about by the connecting rod between the front clevis and the rear wheel standard shown in the cut. When the pole or eveners are attached this rod guides the rear wheel and causes the plow to follow the team—an exclusive feature found only on the Janesville.

Any width of furrow can be cut by adjusting the beam in or out on the bail which is made of square tubing.

A lever is provided to throw the wheel at any angle and one operation of the long lever will raise the Janesville Junior higher than the average Frameless Plow.

Dust-proof oil-tight boxings are placed on all wheels. Land wheel—30"; front wheel—24"; rear wheel—18", with 2" face.

The JANESVILLE MACHINE COMPANY



Top View of N72-14" Gang

Herewith find signed proof of draft on a 12", No. 68 S. & S. Janesville Gang plow. Note the farmers made ten tests to satisfy themselves and then took the average.

Test Number	Width Inches	Depth Inches	Draft Pounds
1	25½	5	350
2	24½	4	450
3	24½	4	400
4	24½	4½	400
5	24½	5½	400
6	24½	4½	400
7	24½	4½	400
8	25½	5	400
9	25½	5½	400
10	24½	5	400
Average	24.7"	4.9"	400 lb.

We the committee of the Plow Demonstration signed and approve of the same. Same being held on the farm of Henry Strugart at Omitz, Kan., April 2 1913. A Janesville No. 68 Gang Plow used. Signed
FRANK POSHPISHEL,
ANTON POSHPISHEL,
A. J. HUCKEY.

Essex, Ia., March 7, 1912.

I bought from August Osterholm, Essex, Ia., last year in August a Janesville No. 67 gang plow. I farm 350 acres of land in Page County, and at the time I bought the Janesville plow I owned two other different makes of gang plows. After getting the Janesville plow I then used the three plows. I gave orders to the different men who worked for me to put the lightest horses I had on the Janesville plow and I can truthfully say that the four horses I used on the Janesville gang weighed all told for the four horses less than 4,000 pounds. I cheerfully recommend the Janesville gang plow to anyone desiring a plow to be the lightest draft and to do the most perfect work of any plow built today not excepting any.

Signed

P. W. FRIESZ.

Delphi, Ind., April 17, 1914.

The Janesville Machine Co., Janesville, Wis.

Dear Sirs: Please keep my name on your mailing list and send me the future catalogues and books on plowing.

I am a friend of the Janesville tools. Janesville tools for me always.

I have a Janesville Disk Harrow, a Janesville Corn Planter, a Janesville Riding Cultivator and a Janesville Walking Plow. The Janesville tools are the best tools made.

Please keep me posted on the Janesville tools. Yours very truly,

(Signed) HARRY FISHER.

Wadena, Minn., April 26, 1914.

Janesville Machine Co., Janesville, Wis.

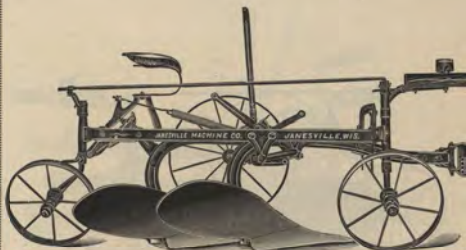
Dear Sir: I received your Catalogues and have studied the good things contained in them. Am using your plow, harrow and cultivators, and when these wear out, if they do before I do, I will replace them with the Janesville. I see I can get them at Sebeka. Thanking you for the booklets, I remain,

Respectfully yours, (Signed) JOS. REDING.



Wonderful picture of Janesville Gang with S. & S. Bottoms, just as the camera saw it. Note the folding process of the furrow. The S. & S. Bottom does not pitch the furrow.





Janesville No. N72-14" S. & S. Gang Plow

Janesville has cut the bothersome lever off the old style riding plow. Janesville has made a new Plow, a new method of furrow-laying, and a new method of handling the plow in the furrow by the operator.

The Plow Bottoms as well as the plow frame are operated and tilted by a single hand lever in connection with the foot-trip—horse-lift. Patents are pending.

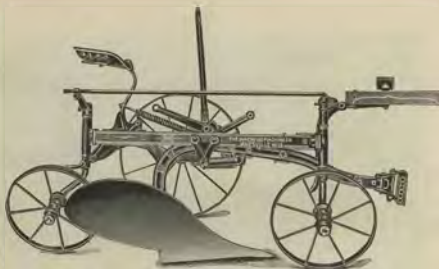
The beams are hung to a single bail which is operated by the single lever. The single lever can be operated independently of the foot lift and has the proper motion in relation to the bail to drop the plows to any desired depth and keep the bottoms absolutely level at any depth. When the lever is latched in its ratchet it takes the same movement as the foot lift and controls the leveling of the plow in or out of the ground or at any depth.

This unheard of relationship between the foot lift and the depth lever on Riding Plows absolutely provides for a level furrow under any and all conditions. Furthermore, after the depth is once regulated, the entire plow can be handled day in and day out by the operation of the foot lift only.

By means of the Single Lever feature the Janesville Plow can open a furrow to its full depth, can lay a back furrow without a ridge and will finish a dead furrow in a class with a Walking Plow.

The Foot Lift has been given great additional power and this, coupled with the horse lift feature and the bottoms leaving and entering the furrow points first, makes an extremely easy foot-controlled plow. The Foot Lift has been dropped low enough to be very convenient for the driver.

Still another invention in the manufacture of Plows is the Auto-



Janesville No. N20-16" S. & S. Stubble Plow

matic Control at the rear of the Plow Beam. This regulates the position of the points into and out of the furrow and, at the same time, steadies the running of the plow where it crosses the line of draft from the horses' shoulders through the eveners to the Plow. This has the effect of producing a very straight hitch.

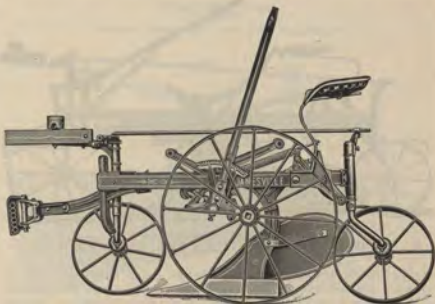
It is also a very efficient shock absorber and in connection with the stone dodger adjustment on the foot lift protects the Plow from sudden jars and abuse.

Still another new feature will be found on the front furrow wheel standard. This is a handle and ratchet to give the front furrow wheel more or less angle. No adjustment is necessary at the front wheel with the exception of placing it at the proper angle by means of the handle in the ratchet.

Another characteristic built into the Single Lever Plow is the equal distribution of weight on the three wheel bearings while turning the furrow. The land wheel is carrying its share of the weight instead of letting almost all of the weight be carried on the two furrow wheel bearings as is usual in other makes of Plows.

The only preparation necessary for opening a furrow with the Janesville is to press forward on the foot lift and the Plow will enter point first. Both hands are left free to control the team.

After the Plow has steadied itself in the furrow any particular depth may be produced by a single movement. Place the single lever in the notch that produces the depth you wish and you are fixed for an all day's plowing by the simple operation of the foot lift in and out at the ends. You are assured of a permanent and positive depth coupled



Janesville No. N20-16" S. & S. Sulky Plow

with the absolute assurance that your furrow, under all conditions, will be absolutely level. Your entire field will be plowed at the depth indicated by the lever in the notch. Indicators are placed on the ratchet for convenience.

The Plow is so perfectly balanced while in the furrow that the lever will remain stationary when unlatched from the ratchet. This does away with the possibility of being pulled off your seat when you release the land wheel lever on the old fashioned Plows of other makes.

By pressing the Foot Lift the Plow comes out point first and raises to its full height with a level frame. The Bottoms and Frame are raised and leveled with one motion of the foot, both hands being free at all times to handle the team.

No wheel plow built up to this date has in it the elements to make it hug the furrow wall like the New Janesville. This makes for steadiness, gives the horses plenty of tug room, insures even width of furrows, light draft and allows plenty of variation in the hitch.

The Bottoms are so hung in the Plow Frame and handled by the Rear Control Bracket as to produce the proper suck at the varying depth levels in order to lay a perfect furrow with the least resistance. This exclusive Janesville feature is one which will also take care of the wear at the plow points of dull shares.

These are the new principles, in brief, of the latest ideas in plow making thoroughly worked out through years of experience and experiment. The new Janesville Single Lever Riding Plow covers a long felt



Janesville No. 76—10' T. & S. Three Bottom Gang

want of the farmer and the radical changes found therein converts the clumsily handled Riding Plow into an implement of ease and pleasure.

The New Janesville has successfully met all conditions in different parts of the United States through rigid tests and is offered with our fullest confidence and guarantee for an easily handled, light draft plow.

The Sulky and Gang Plow models can be equipped with any shape of Plow Bottoms we make including Stubble, Turf and Stubble, Sod and Stubble and Breaker bottoms.

If the work is the best possible (proven by field tests in the Greatest Plowing Matches in the United States and open to every plow made in this country) you *Gain* in soil culture and *Increased Crops*.

You must buy the Janesville if you are to get the above results which have come from field tests not argument.

Janesville Three Bottom Gang Plows

Janesville Three Bottom Gang plows are made in the 10" and 12" in all styles of bottoms.

All Janesville Bottoms are built on heavy Malleable Iron Frogs which is the strongest construction known and guaranteed.

14" and 16" Breaker Bottoms furnished on sulky and two bottom gang plows.

The construction of this plow is the same as our Two Bottom Gang with the exception that heavier stock is used in the beams and plow bottoms.

The plow bottoms are flexible in the frame and all strain is placed direct on the beams and bottoms the frame having nothing to do but to carry them in their proper position in the furrow.



Disk Harrows

Budlong, Janesville—Rear Disk Attachment



Budlong No. 4—16 x 16" Disk Harrow with Truck

No machine bought by the farmer has to suffer the hardships of the Disk Harrow. Neither is there a more profitable machine on the place than the disk harrow.

The wholesale methods of agriculture as practiced by the American Farmer such as handling vast acreages each season just turned by the breaking plow, through stones and stumpage, behind both horses and tractors and doing the hardest work possible is the lot of the farmer's greatest friend the Budlong Disk Harrow.

It is just such conditions as these which have forced the Budlong and Janesville harrows to the front as the very best and most lasting in their construction. The same harrow built for the prairies of the Corn Belt must also be strong enough anywhere from the East to the West and from the Gulf on the South to the mighty fields of Canada on the North.

The Budlong was the first harrow to use the direct draw-bars and the center bumpers between the disk gangs.

That this construction completely revolutionized the manufacture of disk harrows is amply proven by the fact that every single disk harrow of any prominence today is an imitation of the Budlong patents and principles which have been used by us for over thirty years.

The Budlong and Janesville disk harrows are the only two disk harrows made which do not bind in the disk bearing boxings while the harrow is at work.

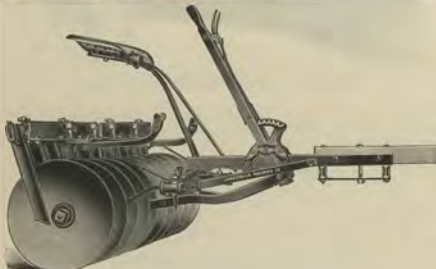


Janesville No. 2 Van Dyke Harrow

hind as evidenced by one end or the other showing grooves of excessive binding and wear which result in heavy draft and much breakage.

We had a customer write in that he had used a Budlong for 23 years and was getting his first set of bearings.

This is the secret of our light draft. To prove this inspect the inside bearings of the Budlong and Janesville Harrows after they have been in use for a number of seasons and notice the condition of the bearing spools. You will note what little wear there is, has been evenly distributed the full length of the spool while on others you will find the spool has been on a continual twist and

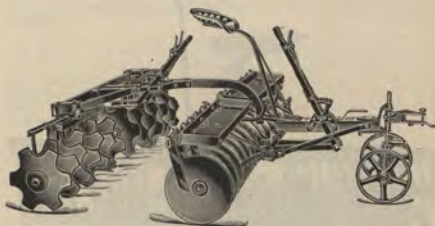


No. A10 Janesville, 10 x 16" Disks. When Steel Tongue Truck is not used a Pole Can Be Bolted to the Steel Stub Pole Direct

We furnish tongue trucks and harrow transports for all of our harrows. Single or double levers. Our disk blades are of the best quality of material rolled by the steel mills and made in the following sizes, 14", 16", 18" and 20" in diameter.

The Budlong and Janesville disk harrows are made up in lengths of 8 disks, 10 disks, 12 disks, 14 disks, 16 disks, 18 disks and 20 disks to a machine.

The above disk harrows are made up in the regular round blades, Spader blades, notched or Vandyke blades and Plow Cut blades.



Janesville Double Disk. Steel Stub Pole and Steel Truck Furnished Regular

The Janesville Rear Attachment is the strongest in construction of its kind and is guaranteed during the life of the machine not to spring in the middle of the frame as the frame is compelled to take the end thrust instead of the rolling bumpers found in the forward harrow where the end thrust is completely equalized by the center bumpers.

The Janesville Rear Attachment is made in the notched disks in lengths of 10, 12, 14 and 16 disks and will fit any harrow we have made or are making at the present time of the same lengths. It is a great pulverizer and once over with it is the same as two and a half times over with the regular round disk machine. The forward harrow throws the soil outward and the rear attachment throws it in toward the center again leaving a perfectly level seed bed, often saving the use of a smoothing harrow in certain soils.

All our disk harrows and rear attachments are equipped with hard oilers and hard maple oil soaked bearings, or regular steel bearings can be furnished on orders.

Maquon, Ill., July 12, 1912.

Janesville Machine Co., Janesville, Wis.

Gentlemen: I have been using since the spring of 1896 one of the 26 inch discs, a Budlong, made by you. This has been sharpened and polished a number of times but always kept high and dry when not in use and tho this is the 17th consecutive season in use it is right now in A No. 1 condition. Now I am wanting to buy a tongue truck and transport to put on this machine and if you are making these please advise me regarding price and directions for putting onto my old machine, also if you could make immediate shipment as I want to get it rigged up to put in some alfalfa early in August.

Yours very truly, CHAS. E. BARTLETT.



Janesville No. 8 Spader and Quack Grass Digger—Single or Double Lever

The Janesville Spader under the Morgan patents has been remodeled. The blades have been especially curved, sharpened and strengthened to not only take care of the heaviest corn stalk work but for use in digging Quack Grass which has been found to give way to the Janesville Quack Grass Digger to such an extent as to be selling by the thousand for this purpose. It not only digs Quack but is an all purpose disk harrow as well.

This machine is made in 18" blades only and in lengths of 6, 7, 8, 9 and 10 feet. If you want real service in disk harrows buy the Janesville products.

Seeding Attachments

Budlong harrows in the 6', 7' or 8' lengths can be equipped with seeding attachments to drill or broadcast small grain as you disk.

Maquon, Ill., April 29, 1913.

The Janesville Machine Co., Janesville, Wisconsin.

Gentlemen: In answer to your enclosed letter of inquiry will say that I have on hand and am today using a 20 inch Budlong Disc Pulverizer, made by your company, which I purchased in April, 1896, of the firm of Tunncliffe & Taylor of Galesburg, Ill.

Have used this machine on an average for 75 acres each season, also has been loaned out some to neighbors and have not paid out 1 cent for repairs except for grinding and polishing and three coats of paint for the tongue, evener, and doubletrees which is all the wood on the machine. This machine has always been kept inside and plates oiled when not in use.

Yours very truly,

CHARLES E. BARTLETT.

The drill spouts feed in front of disk blades insuring uniform depth of seed. Grass seeding attachments furnished for both Drill and Broadcast equipment.

The Janesville Tongue Truck is used on all our Disk Harrows; has high steel wheels with dust-proof hubs and attaches to our steel stub pole which is a part of the Disk Harrow. The steel stub pole is of the proper length to cause the hitch to come on a direct line of draft through the horses tugs to the draw bar boxings. When the Tongue Truck is not wanted, the regular wood pole attaches direct to the steel stub pole.



Disk Harrow at Work

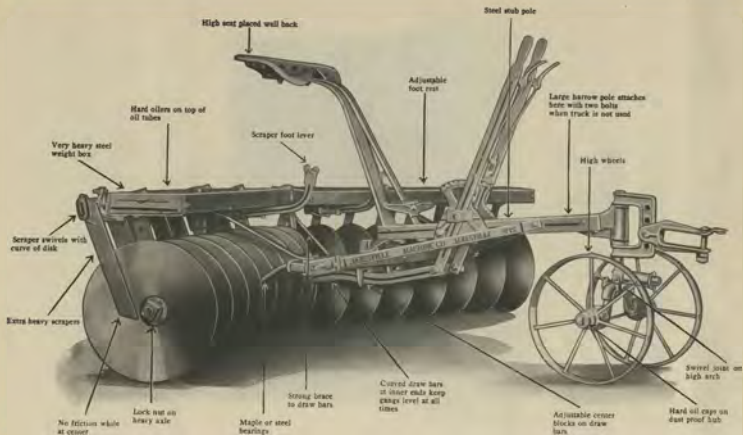
Three-horse set over irons are sent along with the regular Three Horse Equipment on Harrows 4, 5 and 6 ft. in width.

The Four Horse Equipment is shipped regular on all Harrows from 7 ft. to 10 ft. wide.

Budlong Harrows are equipped with heavy steel weight boxes, but the Janesville model is equipped with weight boxes only on special orders at a slight extra charge.

Transports for Janesville Harrows come in pairs, one for each side, and lift the blades from the ground. If the Harrow is equipped with a Tongue Truck, this places the entire weight of the machine on wheels. Transports have proved themselves to be a good investment.

Should defective material be found in any of our Disk Harrows at any time during the life of the machine we stand ready to make it good free of charge.





Janesville Lever Harrows

U Bar, Pipe Bar, Guarded End Steel Harrows, Four Oak Bar Flexible, Five Oak Bar Rigid Harrows

If long life in any machine is any proof of the material used in its construction, Janesville Steel Lever Harrows head the list.

Full length 8 inch by $\frac{1}{2}$ inch or $\frac{5}{8}$ inch teeth are used. Be careful when you buy steel lever harrows to insist on the Janesville in order to get a harrow with an 8 inch tooth.



Rigid 5 Oak Bar Lever Harrow
40 $\frac{1}{4}$ -in. x 8-in. Teeth per Section



Tubular Lever Harrow
 $\frac{1}{2}$ -in. or $\frac{5}{8}$ -in. Teeth

Our harrows are braced at the corners making them flexible to conform in a large measure to the unevenness of the ground.

Janesville Steel Lever Harrows are made in the U bar, pipe bar and guarded end styles with any number of teeth to the section wanted. Also any number of sections to the harrow as wanted.

The Guarded End Harrow is made in the U bar only. Extra heavy bars and extra long teeth furnished only on special orders.

Janesville Flexible Four Oak Bar Lever Harrow is made in such a manner as to permit it being used as a flexible drag or rigid. This change can be made almost instantly. Two harrows in one you see. Another original Janesville idea.



Flexible or Rigid Two in One Oak Bar Harrow
34 $\frac{1}{2}$ -in. x 8-in. Teeth per Section



Guarded End Lever Harrow
 $\frac{1}{2}$ -in. or $\frac{5}{8}$ -in. x 8-in. Teeth

This type is made with four genuine oak bars and 34 teeth to the section. Made in sizes from two sections to four sections.

Janesville Rigid Five Oak Bar Lever Harrow contains 40 teeth to the section and made in sizes from two sections to four sections.

Insist on Janesville Steel or genuine Oak Harrows if you want Quality and Service.

Janesville Corn Planters

**Auto-Gear Drive
No Clutch—Patented**



**Janesville No. 7 Planter—Gear Drive, Shoe or Stub Runners
Our Regular Planters are made in 30" and 36" Wheels**

The Janesville Auto-Gear Drive corn planters have stood the wear and tear so well in the past that we guarantee every piece in them against defect during the *Life of the Machine*. Any part showing a flaw will be replaced free of charge on receipt of old piece.

The Janesville Auto-Gear drive planter is driven by a shaft. The ends of the shaft run in oil tight dust proof casings and are to be filled with either oil or axle grease. Enough of the latter is put into each gear case before the planter is shipped to run one entire planting season.

No Chains, No Sprockets, No Springs, Because the Janesville Shaft Drive Planter Has No Clutch. This means no kerosene to bother with at every round when you run a Janesville.

It is the only shaft driven planter on the market and is patented. Another original idea of The Janesville Machine Co.

The Janesville is a five speed planter. A handy lever controls while it is in motion the 3 checking speeds for 2, 3, or 4 kernels to the hill as desired and any speed needed for thick or thin drilling is produced. This is really the most up to date and practical planter ever built.

The Janesville Auto-Gear Drive planter is the original and only planter on the market that allows you to cross swales, bogs or



Janesville No. 7 Gear Drive—Single Disk Runners

unplowed parts of your field *Without Throwing Off Your Wire*. Simply put the handy hand lever between notches on the control and shaft drive instantly stops and the corn stops dropping from the valves regardless of whether the *Wire Is In the Forks or Not*. The control is all in the lever. Simple and practical isn't it?

As you raise the planter at the ends the shaft drive is automatically thrown out of gear and the seed stops dropping and at the same time the chain from the raising lever to the check heads releases the check wire. Not a flimsy rope but a real chain.

The Janesville was also the first to use a practical disc marker.

A Sight Feed just below the seed cans shows just what is going into each hill as it is planted.

Our valves are of the Janesville Three-Piece Sliding type giving three places to hold the hill. Top, middle and extreme lower position absolutely prohibits the mixing of the hills in the planter shanks.

Should the heel become clogged in any way it is cleared the next time the lower sliding plunger forces out the hill of corn.

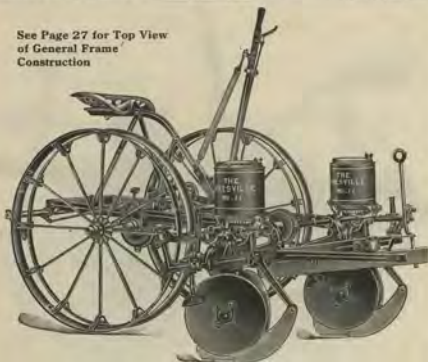
The Janesville Convertible drop is used and both Edge and Flat Drop plates go with each machine and you will handle a very large variety of seed corn. We also make special plates for any particular breed of corn. The Janesville is famous for its accuracy.

The Seed Cans tilt forward when a change of plates is desired.

The Janesville Loose Ground Lister Planter shaft driven has 36" wheels and one of the best and strongest frame constructions known.

See page 30 for views of Edge and Flat Drop plates.

See Page 27 for Top View
of General Frame
Construction



Janesville No. 11 Lister Planter, 36" Wheels

The shaft drive and drop features are the same as used on planters described on preceding pages.

This model is built to stand hard wear and the disc blades are so placed on hard oil bearings attached to especially constructed shanks to overcome the objection of the usual flimsy construction so often found in this class of machines.

The Janesville No. 11 has the following excellent points all of which are explained at length in the construction of our regular planters on pages 24 and 25.

Tilting seed cans. Shaft drive. No clutch of any kind. 2, 3 and 4 kernel drop. Drills kernels any distance apart. Perfect ensilage drop. No set screw adjustments. Edge and flat drop furnished on each machine. Sight feed. Change from checking to drilling instantly.

David City, Nebr., June 22, 1914.

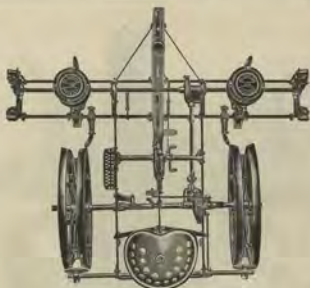
Mr. J. E. Marsh, Omaha, Nebr.

Dear Sir: In regard to the new Janesville Corn Planter I bought some time ago, am thankful I got it. It is certainly a peach. It works fine. I have a fine stand of corn.

In checking and drilling it sure makes up for the old one I had. I must say a good word for your planter and I am satisfied with it.

Yours truly,

(Signed) EMIL MEDINGER.



Janesville No. 7 Gear Drive—Top View. A Perfect Ensilage Planter

Shaft drive gears dust proof, oil tight. Greased with axle grease, good for one season's use, before leaving factory.

Read the experiences of the users of the Janesville which were written us unsolicited which is the surest proof of its efficiency. Write them direct if you like before buying.

Buy the Janesville if you would have the latest and most up to date corn planter. A Side or a Center reel for reeling up the check wire is furnished although all Janesville Planters are furnished with Center Reels unless otherwise ordered.

Our Center Reel is provided with an automatic wire guide in order to insure the proper winding of the wire on the reel. The driver has nothing to do but drive, the guide and the reel do all the work.

All Janesville Planters are made with interchangeable shoe, stub or disk runners. The popularity of the Janesville Single Disk Runner is proof positive of its being the only practical and successful disk runner. The Disk blade revolves on dust proof bearings and is oiled by hard oilers. Steel coverers are provided which follow the disks and insure the covering of the seed an even depth.

The Janesville Planter is also made on special order with the regular clutch and chain drive which are the best in that particular style.

The Janesville is made for Drilling only and is also made as a combined Drill and Checking planter. A simple downward push of the foot lever throws it from a check to a drill planter. Unlock the foot lever and instantly the valves are back in a checking position.

No other planter gets the seed in the ground and insures a crop like the Janesville.



Janesville No. 7 Planter with No. 7 Fertilizer Attachment

The *Fertilizer Attachment* is the most improved type of mechanical device for handling all kinds of fertilizer known. It has been bought by many dealers and put on other makes of planters because it is so satisfactory. It has adjustments of the widest range and will handle all kinds in any quantities. It drops the fertilizer just off the hill far enough to insure the greatest growth as prescribed by the best authorities on this vital subject.

Remember there is no wear out to the Janesville in the ordinary sense of the word. It is built for service and more than fulfills its part. Janesville Planters are variable in planting widths from 3 feet to 4 feet, but our regular planters are usually set up adjustable in 3 widths of 3 feet 4 inches, 3 feet 6 inches and 3 feet 8 inches but can be set for narrower as well as wider widths on orders.

30 inch as well as 36 inch wheels, open or concave tires are furnished as wanted on both the check and drill planters.

Brookville, O., March 5, 1913.

Janesville Machine Co., Janesville, Wis.

Gentlemen: Would you please let me know whether or not I can get Fertilizer Attachment for my Janesville Convertible Drop No. 2 as a Drill Planter. It is a 1907 model. If so send me price list for I surely want to get one. I have seen all the dealers that handle them, but they want to sell a new planter, that is the cry. My planter is just as good as new and the best Dropper that was ever made. Hoping to hear from you by return mail,

As ever,
JOHN M. GOLL.

Janesville Four Wheel Lister



Janesville No. 4 Four Wheel Lister—Gear Drive

The frame is unusually strong and rigid and is guaranteed to stand up against any strain imposed upon it while making any turns desired.

The Janesville can be equipped with our regular bottom as well as what we call our medium bottom which is a narrower faced bottom than the regular type.

The Bottoms are made of the very best soft center steel and a one piece share reinforced.

Shoe or Duck Foot Sub-soilers and shoe or disk coverers are furnished. The disk coverers have dust proof bearings.

On account of the special arrangement of the Raising Lever we have the easiest lever lift Lister known.

The Seat sets well back on the frame which position places the seeding, plowing and covering in full view of the driver. Another Janesville idea.

The Seed Plates are operated by a dust proof machine fit gearing which will last the life time of the machine. This construction was original with us in our two wheel lister which is giving such excellent service and does away with all chains, sprockets, tighteners, set screws and their consequent frequent breakage.

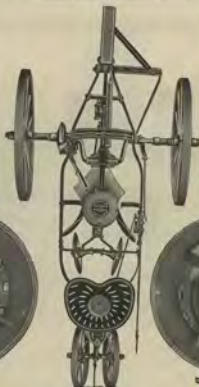
The Gear Drive is automatically thrown in or out of mesh when the bottom is lowered or raised.

The Drop is the famous Janesville Convertible Edge or Flat plate drop. Both kinds of plates being furnished with each machine. The plates are taken off at the bottom of the tilting can.

The Wheels are adjustable in width from 3 feet 4 inches, 3 feet 6 inches to 3 feet 8 inches. The hitch is adjustable to three or four



Shoe Subsoiler



Janesville No. 4
Four Wheel Lister



Duck Foot Subsoiler



Flat Drop—Lister or Planter



Edge Drop—Lister or Planter

horses. The Rear Wheels are 18" in diameter and are automatically locked and unlocked when the machine makes its turns.

The Janesville Two Wheel Lister has been sold by us for years and outside of the extensions to make it a four wheel machine it is practically the same as the four wheel machine in regard to the gear drive, drop, bottoms and attachments.

The Janesville Listers are guaranteed against defective material during the entire life of the machine.

The famous Janesville Convertible Drop is furnished with all Listers and Corn Planters. You get without extra charge edge drop plates as well as a full set of flat drop plates with each machine. Disc or shovel coverers. Shoe or duck foot sub-soilers.

Worthville, Ky., Feb. 6, 1914.

Janesville Machine Co., Janesville, Wis.

Gentlemen: I have bought one of your Sulky S. & S. Bottom Plows and it was just what I wanted and I am going to get another one. Also have a Disk Harrow of your make. You have a dealer in my neighborhood.

Wish to have any literature on better farming as it is my aim to go to the front.

Yours,

(Signed) G. A. WOOD.



Two Row Lister Cultivator



Janesville Two Row Lister Cultivator

Seat is always in central position.

All levers in most convenient position for the operator.

One lever only is used for lifting the gangs at ends of rows.

Relative depth of shovels independently adjusted by separate levers. Frames are hooked together so as to operate perfectly regardless of position of teams or variations in width of rows.

Shovel gangs are held down by spring pressure so that in passing over furrows the shovels will lift automatically and avoid lifting the wheels off the ground.

The shovels can be placed in any position or distance from the row and a separate vertical and horizontal adjustment is provided for each shovel.

The shields are adjustable forward or back, and have a guide and pivot so as to provide for perfect action. They are held perfectly central by chains which are adjustably attached to the shovel beam.

The disks are adjustable to any angle both vertically and horizontally and by loosening one nut only they can be reversed. The disk bearings are wood and have grease cups and dust proof sand bands. In throwing out the disks can be set to cut close up to the row.

It is a horse lift machine and perfectly balanced so that a small boy can handle it with ease. The hitch is on the direct line of draft and there is therefore no neck weight and very light draft.

The gang or carrying wheels are of pressed steel and of special shape to add to the strength. The boxings are long and heavy and supplied with dust band and grease caps. These carrying wheels can be



Janesville Single Row Lister Cultivator

raised or lowered and turned on their shanks so as to travel or toe in more or less as desired. They can also be moved any desired distance apart.

All parts are interchangeable and only necessary adjustments are provided. They go out adjusted for first cultivation. All you will have to do is to assemble the machine, hitch up and drive into the field.

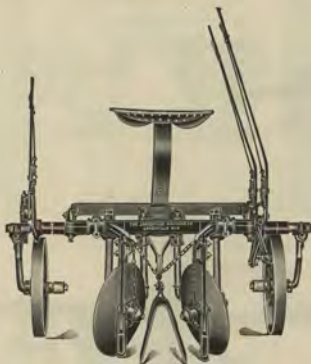
Every piece in it is guaranteed against defective material during life of machine. Buy the Janesville and insure satisfaction. We stand behind it.

We make an especially long shield, which is hung by a chain at the rear which gives it any adjustment one would wish and is bolted at the front ends in such a manner as to hold the shield rigid except in an up and down position. The chains also hold the shield the same way at the rear, which gives us one of the very best shield arrangements made.

The entire rear frame of the Single Row Lister hooks over the square tubing which runs through the center of the frame.

The lever controlling the wheels and which throws them up or down for proper depth regulation is automatic in a measure. As the wheels pass over the rough ground, the cushion spring as shown in the cut herewith takes up all these inequalities of the surface over which the wheel is traveling.

The wheels are placed on the shaft in such a manner that as one side travels on a lower surface than the other, the wheels will automatically drop and steady the equipment.



Janesville Single Row Lister Cultivator

The wheels run in dust-proof, oil-tight bearings and the hub cap also forms the grease reservoir.

The axles also have a half-circle bend and they can be raised or lowered on the frame either very high or very low and still the lever will operate them in any position wanted.

The hitch is direct to the disk blades and we guarantee this machine in every respect to do the best work possible in any kind of soil.

By reversing the disks, they can be made to throw in or out as the operator desires and given any adjustment on their universal joints which will produce the best work in the various kinds of soil. They have wood bearings and are greased by filling dust-proof hub caps and both the shovels and the disks are very easily and conveniently handled by hand levers at the side of the seat.

Of all the Four Wheel Listers and Single and Double Row Lister Cultivators made today none of them approach the strength and simplicity of the Janesville.

Janesville Cultivators

Disk and Shovel



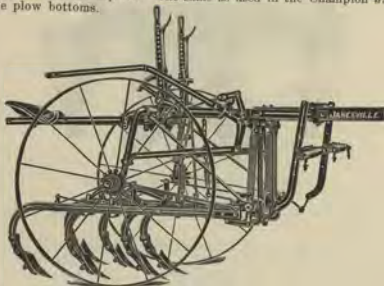
Janesville No. C4 Walking Cultivator

We make a very complete line of cultivators in all styles and kinds but our space here permits us to show but a few of the various types of the most popular.

The Janesville walking cultivators are equipped with any style of pin break or

spring trip shovel shank, 4, 6 or 8 shovels of any width.

All Janesville Shovels 3" wide or over are of the genuine soft center steel hand tempered. The same as used in the Champion Janesville plow bottoms.



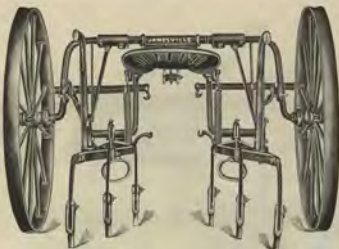
Janesville No. C36 Balance Frame Cultivator

The *Janesville Balance Frame* is one of our most popular riding cultivators. It is always in balance regardless of the weight of the driver and can be used either as a hand lift or a horse lift. The shovel gangs are fitted with foot lever guides if wanted.

Any style of gang or any size of shovel will work on this type of cultivator. Also a surface attachment is provided.

The horses pull direct on the shovel gangs and the gangs are so balanced to make the shovels pull into the hardest kind of soil.

Handles are furnished on special order to be used while riding or walking.



Janesville No. C166 Leverless Cultivator

This cultivator is really a Walking Cultivator provided with a seat and 42" wheels and combines simplicity with strength.

An adjustment feature found only on the Janesville Leverless Cultivator is placed on the forward raising springs, which gives you a regulated depth for the shovels. This adjustment is made with a thumb nut.

Should you come to a dead furrow or a weed deeply rooted, the shovels can be pressed down to the required depth but will come back to the regulated depth as soon as the pressure is released, insuring level cultivation.

Shields about 5" longer than the ordinary are hung by chains to the hooks shown in the above cut, and can be adjusted from the seat.

The wheels can be narrowed or widened by adjustments in the sleeve axle.

The seat can be thrown forward when desired.

A self balancing hitch is provided.

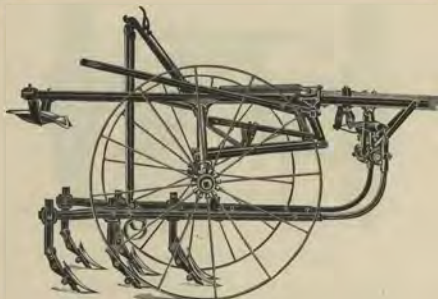
4, 6 or 8 shovel Pin Break or Spring Trip and 8 shovel Eagle Claw Gangs, as well as 10 shovel Spring Tooth Gangs are furnished on order.

We have often heard the farmers ask the question, "Why cannot a seat be placed on a Walking Cultivator so we can have the simplest kind of an implement and still not have to walk?"

It has remained for The Janesville Machine Company to make this idea practical.

Any boy old enough to drive is able to handle this machine.

If you are looking for a high grade cultivator and one which is simple and strong, this is the machine you want to buy.



Janesville No. C96 Hammock Seat, 6-Shovel, Horse Lift Cultivator

The *Janesville Horse Lift Hammock Seat Cultivator* is close coupled and can be used as a horse lift machine or hand lift.

On account of an ideal arrangement on the raising springs the shovel gangs can be instantly set to float in loose soils or dig in the very hardest. This is a very important adjustment to have on a Hammock Seat Cultivator.

The telescope axle gives any width of frame desired and on account of the rear shovels traveling behind the wheels an extra amount of clearance is provided.

The shields on all Janesville Riding Cultivators are much longer than the ordinary kind and are hung by chains on hooks to the gangs and the driver can reach from the seat and adjust them just as he wants them. No other arrangement is as handy as the Janesville idea.

Wheel boxings are dust proof and the grease is applied by taking off the hub cap and filling with any kind of a lubricant. This is a feature on all of the Janesville riding and walking cultivators. No wheels to take off when greasing the axles on Janesville Cultivators.

The balancing feature of the machine is such that it does away with all neck weight and when you turn at the ends the pole does not raise from its level position regardless of the weight of the driver.

4, 6 or 8 shovel adjustable shank, pin break or spring trip gangs are furnished with this machine.



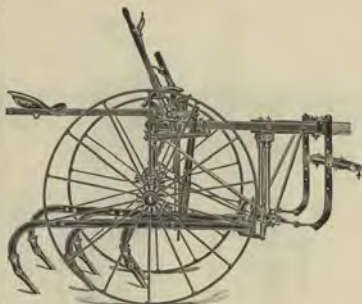
Little Janesville No. C82 Cultivator

The *Little Janesville* is a (32" low wheel) Pivot axle machine, and is positively the only Pivot Axle cultivator we know of (except the Big Janesville) whose wheels pivot on a dead center where the tires rest on the ground. Others pivot 3 to 4 inches off center and are just that much harder to guide. The hitch is of such a construction as to keep the pole always in balance. Competitive field tests will convince you the Janesville idea is the most advanced and permits a much quicker shift of the shovel gangs with the least effort. Don't overlook this valuable point. Remember the Janesville guides the easiest, bar none. The gang bars being punched with holes the shovel stems can be set anywhere the drivers wish or part of them may be taken off if desired making two, four, six or eight shovel cultivators.

A hand lever widens or narrows the gangs over the rows. Dust proof hub caps.

A telescope axle permits setting the frame any width. Crops in rows as narrow as 24 inches can be cultivated. Its use is advised where the planted rows are liable to be somewhat narrower than usual. However the frame can be widened to handle wide rows as well.

Shovel or Disk Hillers as well as irrigating furrowers can also be furnished on the Big or Little Janesville cultivators. Do not overlook reading description of Big Janesville cultivator on next pages which is the same in principle except it is a larger machine.



Big Janesville No. C86 Cultivator—42" Wheels

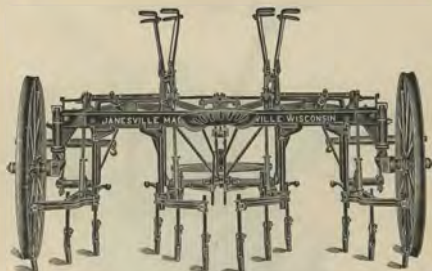
The *Big Janesville Pivot Axle Cultivator* is a 42" high wheel machine, and is about the same general construction in the frame work as the *Little Janesville* except that it is larger all the way through.

Any kind of an adjustable gang can be used on this machine as well as spring trip, pin break, spring tooth or zig zag gang. It is adapted for the handling of wide row crops such as corn while the *Little Janesville* takes care of the crops liable to be planted in the narrow rows.

The great features on both the *Big* and *Little Janesville Cultivators* is the fact that you can force the gangs in the hardest soils by lever and spring pressure and yet not cause the driver any harder leg work. The labor is passed on to the horses and in no way affects the driver as the shifting of the gangs to and fro through the corn is greatly aided by long foot levers as shown in rear view of the *Little Janesville* on preceding page. This construction takes away all the old time effort of pushing the gangs about with the feet direct.

No sore legs by use of the *Janesville Pivot Axle Cultivators* either in single row or double row construction.

A spring is provided to hold the wheels in a parallel position while driving on the road, etc. This also steadies the machine while at work in the fields. Disk Cultivator Gangs can be placed on the *Big Janesville Cultivator*. For general work in all sections, for all regular width crops, the *Big Janesville Cultivator* is as practical a machine as we make and its success has been wonderful.



Janesville No. C22 Two Row Cultivator

The Janesville Pivot Axle Two Row is without question the easiest handling two row known and that is saying a good deal, but we know them all.

The rider sits the farthest back of the front shovels and can see the condition of the plants after they have been passed by the machine.

Long Foot Levers throw the pivoted wheels this way and that with the quickest kind of a motion. As the foot levers are also connected to the shovel gangs by a tie-bar the gangs are shifted the same time the wheels are turned. This enables you to dodge the most crooked corn instantly.

Made in 8, 12 and 16 shovels, pin break or spring trip gangs, also 20 shovel spring tooth.

On account of the pivoted action of the wheels the machine can be held to its work on side hills with ease.

By actual count we have the fewest parts of any similar machine made. It is durable, light and extremely efficient.

The use of the Janesville Two Row saves one man's wages and the use of one horse which economy along with the perfect work possible with the Janesville is something that cannot be overlooked.

A three or four horse hitch is furnished but the Janesville Two Row three horse hitch is guaranteed to equalize the draft and for that reason a four horse hitch is an unusual thing on the Janesville. It is impossible for one horse to loaf when using our hitch.



Janesville Disk Cultivators



Janesville No. 7-14" Disk Cultivator

The perfect corn cultivator should possess two things; First—It must promote root growth and development; Second—It must kill weeds and grass.

Corn root formation is peculiar. The anchor roots go straight downward, while the feed roots branch great distances to all sides of the growing plant and are not very far below the surface.

The deep-going shovel cultivator rips these roots off and those which do not happen to be cut by the shovels are lifted toward the surface where there is the least substance for them to feed upon and the heat of the sun will kill them in a few hours.

The Janesville Disk Cultivator blades have an entirely different effect upon the roots. They act as packers and their weight helps force the roots downward. Perhaps you have never stopped to think that the portion of a wheel or disk blade in contact with the ground is not moving forward no matter how fast it may be running. The exact

Corwith, Iowa, Feb. 3, 1914.

Janesville Machine Co., Janesville, Wis.

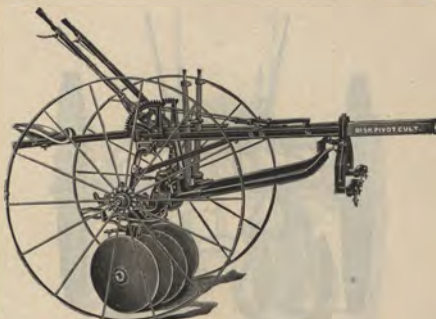
Gentlemen: A farmer moving here from another part of the state has been using the Janesville Disk Cultivators. He has been raising better corn than his neighbors who use the common shovel cultivator.

As no dealer handles them in Corwith, I would like it if you would send the price of your cultivators as there are a couple of farmers besides myself who would like to have them.

Respectfully yours,

(Signed)

OREN GOODHEART.



Janesville No. 5—Pivot Pole 14" Disk Cultivator

spot of contact is simply pressing downward and this is true of the rim on a disk on the Disk Cultivator. This keeps the roots from working toward the surface to dry out or die from lack of sustenance.

How much more satisfactory it is to cut up all the old stalks left from the previous year as well as the heavy vines and bury them, than it is to drag them along and break off the corn as you do when using a shovel cultivator.

Weeds will get ahead of you in wet seasons in spite of all you can do, but with a Disk Cultivator you can plow from one to two days earlier after a rain than with any other type of cultivator, and you can also cover the weeds better with the disks. This makes it a better wet weather cultivator.

The Janesville Disk Cultivator was the original Surface Cultivator as well as Disk Cultivator. It prepares a dust mulch to conserve moisture and check evaporation, which is the secret of "Dry Farming," and is therefore the best dry weather cultivator.

The Janesville Disk Cultivator pulls lighter than the shovel cultivator as the disks and soil have a rolling motion. The shovel cultivator is a dead drag on the horses. Your team can work a third faster, and the disks do not throw the dirt up and cover the young corn but roll it over and move it toward the plant. They do not throw up big clods with three sides to the sun to harden and kill your tender corn. They pulverize the soil as it should be, move it in a large body



Janesville No. 3—14" Disks, (Knife Levelers Throwing Out)

and close up the air spaces which checks evaporation and holds moisture. The Janesville Disk Cultivator was invented by us and the first machine of its kind was built in our factory over thirty years ago. There are many imitations of the Janesville but buy the "ORIGINAL" and get the BEST. Our long experience enables us to give you the best machine.

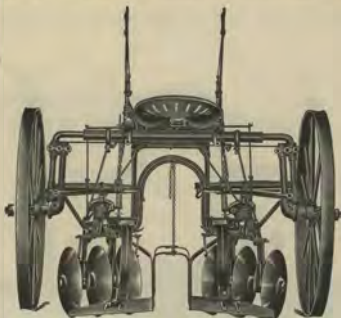
We are willing to back our faith in this machine with the following offer:

We, The Janesville Machine Co., of Janesville, Wis., agree to accept in full payment for any Janesville Disk Cultivator that the buyer may select, the cash market value of any increase in yield of 40 acres of corn cultivated according to our directions with a Janesville Disk Cultivator; said increase to be the yield in excess of the crop on 40 acres cultivated with a shovel cultivator, the soil in each case to be of the same fertility.

THE JANESVILLE MACHINE COMPANY.

This means that if you do not use a Janesville Disk Cultivator, you will throw away its value on every forty acres you cultivate with a shovel cultivator.

The Janesville Pivot Axle Disk Cultivator allows the driver to place any amount of spring pressure on the disk gangs without causing him any extra exertion, as the machine is shifted from side to side by long foot levers. This extra work is on the horses and not on the driver. This insures thorough cultivation at all times and gives the driver no excuse for not doing good work.



**Janesville No. 7 Pivot Axle Cultivator with Surface Blade Levelers
14" Disks**

This machine is excellent to use on side hills as the pivoted wheels can be set to make it hoe the row.

14" and 16" disk blades are furnished.

They can be given any angle or can be set at any tilt to throw the soil just where you want it. This is all done by hand levers.

By changing the disk gangs from one side to the other the machine can be made to throw the soil to or from the row.

It is the best known cultivator for potatoes.

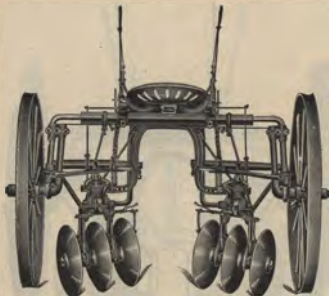
The disk blades are of the best quality we can buy and the telescope axle in the frame gives them any width of set desired.

Our Janesville direct hitch takes off all neck weight, equalizes the draft per horse and makes a very steady pulling machine.

The Surface Levelers attached to the rear of the disk gangs are the greatest invention ever put on a disk cultivator and was originated by The Janesville Machine Co.

After the soil has been thoroughly pulverized and the weeds have been cut these surface blades hanging by spring steel holders level the soil, bring all weed roots to the surface to die and give a finishing touch to a system of cultivation that cannot even be approached by any other disk cultivator or by the use of a shovel cultivator.

You get two complete cultivations every time you cross the field, once with the disk blades and the other by the surface blades following.



Janesville No. 8—16" Disk Pivot Axle Cultivator

The Janesville produces a dust mulch, thorough cultivation and can be worked in dry years, wet years, heavy soils or light soils. No other cultivator is needed from the time you start until you lay the crop by.

Janesville Disk Cultivators are made in the various styles as shown here with 14" and 16" blade, pivot axle style with the surface blades and also are made with rigid axles with rigid poles as well as pivot poles.

The levelers used on the rigid axle type are what we call our Knife Levelers. This also were first produced in the Janesville Factory. This particular style of leveler is made of sharpened spring steel bars and are the most practical design known for a rigid frame cultivator. In this type of disk cultivator the disk gangs are swung independent of the frame on a pivot connection underneath the pole and are guided by simply pressing downward on the disk gangs. However they follow the row after the first time through and no attention is necessary if they are set correctly for the following cultivations.

Dust Proof wheel bearings with grease caps on all disk cultivator wheels.

If you want real service and the best disk cultivator made buy nothing but the Janesville.

It will actually increase your yield per acre over any other system of cultivation. You can't afford to neglect its investigation.

Janesville Hallock Success Anti-Clog Weeder



Hallock Walking Weeder
Length 7½ Feet

No machine ever leaped into universal popularity as quickly as the Hallock Success Anti-Clog weeder. The original and only genuine Hallock has a flat steel tooth with a round point. Buy no other as they do not produce the results. Insist on the genuine Hallock.

Under the new patent license we are the only one allowed to sell and manufacture the Hallock in the Central and Western United States.

Remember the round tooth weeder's wipe about when they strike the weeds and have been proven absolute failures.



Hallock Riding Weeder With Grass Attachment

The Hallock Weeder produces a fine dust mulch, preserving the moisture and protecting the roots of the cultivated plant. It will keep the crust broken and largely increase the yield of all small grain and the machine can be successfully used in clover, sugar beets and all garden crops.

Grass seeding attachment is furnished on the riding weeder if wanted.

The riding weeder is equipped with spring pressure applied by the raising lever and can be made to do good work in all kinds of soil both hard and loose.

If one will start the Hallock on the corn field from the time the corn first appears until the first joint in the stalk appears you will not need any other style of cultivator. No weeds will get a start, the crust will be kept broken, the moisture preserved and on account of none of the roots being cut the largest yields are produced.

From 40 to 50 acres can be cultivated in a day with the rider.

The Hallock Walker has 39 teeth and cultivates 7½ feet wide.

The Hallock Rider has 63 teeth and cultivates 12 feet wide.

Grass Attachment furnished on the rider.

Of all universal cultivators on the farm, there has been nothing made to equal the Hallock Success Anti-clog Weeder. The successful use of this machine extends from all crops in rows to the cultivation of small grain.

The action of this cultivator is to produce a weedless dust mulch which preserves moisture for the plant. This machine successfully breaks up the crusted surface either in crops planted in rows or in fields of small grain.



By attaching the Grass Seeder Attachment, any kind of seed can be sown in widths 12 feet wide and does away with the more or less wasteful method of end-gate seeding attachments and wheelbarrow models. Where the field to be seeded is more or less trashy the teeth can be raised to provide clearance and the seeding can go on uninterrupted. However, the action of the teeth help the seed to find a place to grow. This machine is indispensable for alfalfa seeding and in some sections is used extensively to sow crops of this nature on the snow just before it is melted.

A field of oats, wheat, barley, rye, etc., can be successfully cultivated until the plants are over 15" high, and there has never been a

time when the Weeder has been used in instances of this kind that the yield has not been materially increased. It breaks the crust around the roots of the small grain. It also has a tendency to clean the weeds from the fields of small grain if used before they become deeply rooted.

Weed seeds do not germinate and begin to grow until they are within $\frac{1}{8}$ " of the surface where the sunlight and warmth make them sprout. Constant cultivation with large shovels brings these dormant seeds to the surface where they at once start to grow.



The Hallock Weeder teeth have a rearward flexibility and the flat shank holds them from whipping to the either side. When the point of the tooth strikes the weedlet the tooth does not bend sideways. Thus the small short rooted weed is turned out. Crops such as corn, small grain, turnips, alfalfa, etc., are very deeply rooted in comparison to the small weeds when they start to grow. Thus the tooth strikes the deeply rooted plant and the plant must give, being pushed to one side by the tooth, which cultivates and pulverizes the soil immediately around the root. A perfectly round tooth whips about in all directions and for this reason does not cultivate the growing plant or kill the small weeds. This, in brief, is the principle of the Hallock Weeder.



Janesville Sowers, Junior and New Leader



**New Leader Sower—Force Feed. Steel or Wood Wheels
Jumbo Box Furnished on Order**

The New Leader Sower is 11 feet wide and of the low down construction. The wheel axles extend 21" into the seed box with double bearings. This is much superior to attaching the stub axle direct to the box ends which in time becomes loose and forces the owner to throw the sower away. Jumbo box will hold about $6\frac{1}{2}$ bushels.

Grass seeding attachment furnished when wanted.

Made with force feed only.



Junior Jumbo Sower—Force Feed

The Janesville 11 and 14 foot Narrow Track Junior sowers have been made for years and have given first class satisfaction.

They wear exceedingly well being made of selected timber and the best of steel.

The sowing is accurate in both the large seed hopper and the grass seed attachment. Jumbo box will hold about 8 bushels.

Grass seed attachment is furnished when wanted for both lengths of sowers. Made with force feed only.

Demand Janesville Machinery and Accept No Other in its Place

The Janesville Machine Co., since 1859, 56 years ago, has actually originated more STANDARD ideas in use by all agricultural machinery manufacturers of today than any one other Manufacturer regardless of size, bar none.

For instance, the LITTLE CHAMPION REAPER one of the original machines of its class and time took the HIGHEST MEDAL AWARD in Germany for its then unheard of and unthought of original construction and which is standard today in that class of machines, especially in the foreign trade.

DISK CULTIVATORS. This most popular machine was originated by The Janesville Machine Co. and absolutely revolutionized the method of cultivation. Every single permanent improvement on this class of machines has been made and first used by The Janesville Machine Co., although today finds imitations galore. Don't be fooled—get the absolute original. There is just one—The Janesville.

BUDLONG DISK HARROWS. This was the first and absolutely the first disk harrow ever made and successfully put on the market which had the FLEXIBLE FEATURE where the two halves of the disk harrow ROLLED TOGETHER ON LARGE CENTER BUMPERS and where the horses pulled directly on draft bars attached to each half of harrow. Where can you get any other style of harrow today? They all had to imitate the Budlong. Remember it was The Janesville Machine Co. who was the first to exploit this type of harrow. There is but one ORIGINAL. All others are but imitations of the MASTER PATTERN.

SINGLE LEVER HORSE LIFT RIDING PLOWS. Who originated the Single Lever Horse Lift Foot Trip riding plows? Janesville. Who was ever known to build ONE TYPE OF PLOW BOTTOM capable of handling all the Corn Belt Soils? The Janesville Machine Co. This was an old story to us nearly 20 years ago. Try our S. & S. Auger Twist Plow Bottoms.

Who is it that builds a plow bottom that was never beaten in draft at an accredited plowing contest? Janesville.

Who is it that builds the plows that took the WORLD'S CHAMPION PLOWMAN'S SWEEPSTAKE PRIZES FOR SIX YEARS AT THE ONLY REAL PLOWING MATCHES IN THE COUNTRY at Wheatland and Big Rock, Illinois? Janesville. The first noted organized in 1874 and both open to any plow or plowman in the U. S. Annual attendance from 5,000 to 10,000 people.

LEVER HARROWS. Who originated a wood bar lever harrow that could be used as a FLEXIBLE HARROW or as a RIGID HARROW?—Janesville.

CORN PLANTERS. Who was it that originated one of the very first VARIABLE 2, 3, 4 kernel drop? Janesville.

Who is it today that is making the only variable 2, 3, 4 kernel drop planter WITHOUT A CLUTCH? No springs, no chains, no sprockets, no kerosene bath every round. IT'S THE JANESVILLE AUTO SHAFT AND GEAR DRIVE, patent pending and originated by us.

LISTER. Who originated the idea of a machine fit gear drive Lister? No chains. No sprockets. Janesville.

CULTIVATORS. Who perfected the modern Horse Lift on riding cultivators? Janesville. Who originated the interchangeable shovel gangs on all cultivators?—Janesville.

HALLOCK WEEDERS. Who is the only licensed Manufacturer of Hallock Success Anti-clog Weeders for Western U. S. A.? The only weeders with a flat steel tooth with a round point. The only successful one made.—Janesville.

THE CROWN MOWER first made by us had the first wood pitman. The first Draw-cut feature. The first Flexible Frame. The first wearing plates under the sickle and the first direct draft link to the cutter bar—first double speed—all standard equipment today. Now owned by Thomas Mfg. Co., Springfield, O.

Money spent for Machinery by you is AN INVESTMENT IN SERVICE; not somebody's name, not some one's well spoken story, or "just as good" argument but SERVICE. "Machinery designed by a master mind and built with skill." Buy Janesville and get the originals.

