

A Word as to Prices

ORANGEVILLE AGRICULTURAL WORKS has been manufacturing a line of Threshers, Feed Cutters and Powers for over a quarter of a century. Many "mushroom" concerns have sprung up in that time flourishing for a brief season at the expense of a trusting public, then withered and died because their machines were a failure. Our line of machines has steadily increased their popularity. Thousands have been sold and they are operated successfully wherever such machines are used. The reason for this is not hard to find. Constructed on proper mechanical principles, from good material, improved as experience dictates, our machines always please their users and make money for their owners.

We have often been asked to compete in price with manufacturers whose machines have nothing to recommend them but their low price. We cannot do this and would not be asked to do so if the customer knew the full value of our machines. We construct our machines properly, use the best of material, employ good mechanics, guarantee every machine fully, and only want a small living profit.

Investigate the merits of our machines and you will find that their equal cannot be purchased for double the price we ask you.

We always give good value and please our customers.

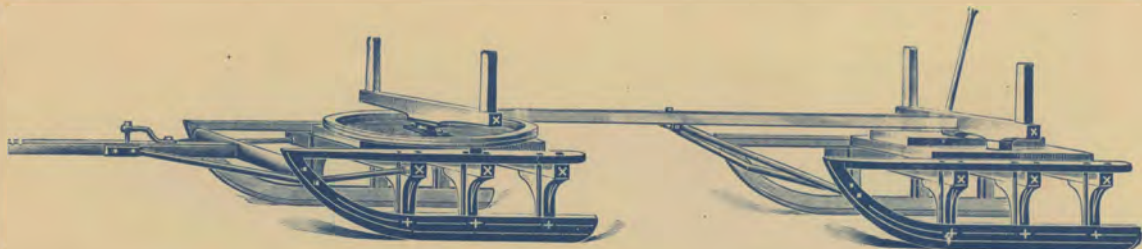
Write us on any point you may want to be enlightened on and we will answer you fully with pleasure.

Yours respectfully,

ORANGEVILLE AGRICULTURAL WORKS.

Economy is the Road to Wealth. There is no Economy in Buying Cheap Machines. The Best is the Cheapest

No. 6. Three Bench Bob Sled



The carrying capacity of this Sled is about the same as that of the No. 5. The Knees are held in the same manner, using 5-8 inch bolts on each side of Bench and Knee, and running through the runner and fender, where each is securely fastened; Sled is equipped with full iron circle; size of runners, 2 inches thick, 3 3-4 inches deep by 5 feet 6 inches long; three benches, size 3 1-4 inches by 2 3-8 inches; shoes, (cast iron), 1 5-8 inches by 2 inches by 3 feet 11 inches; size of bolsters, 3 1-2 inches by 4 inches by 42 inches; size of fenders, 1 1-4 inches by 8 inches by 4 feet 10 inches long; height of sled from bottom of sole to top of fender, 14 inches; weight, 475 pounds.

Write for our Reduced Prices. Satisfaction Guaranteed.

When ordering Sleds please order by Number, that makes up our Telegraph Code.

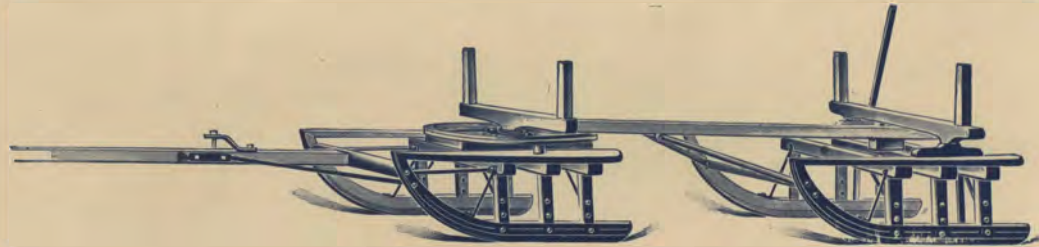
No. 5. Heavy Two Bench Pin Bob Sled



This bob, you will note, is built very strong. The knees are very short and each knee is held in place by two 3-4 inch bolts, which fastens top to fender and bottom to runner; size of benches, 3 1-2 inches by 3 3-4 inches; runners, 1 3-4 inches by 4 1-2 inches by 4 feet 10 inches; shoes, (cast iron), size 1 3-4 inches by 1 3-8 inches by 3 feet 1 inch long; bolsters, 3 1-2 inches by 4 inches by 42 inches; size of fender, 1 1-4 inches by 9 inches by 4 feet 4 inches long; weight, 450 pounds.

Write for Catalogue.

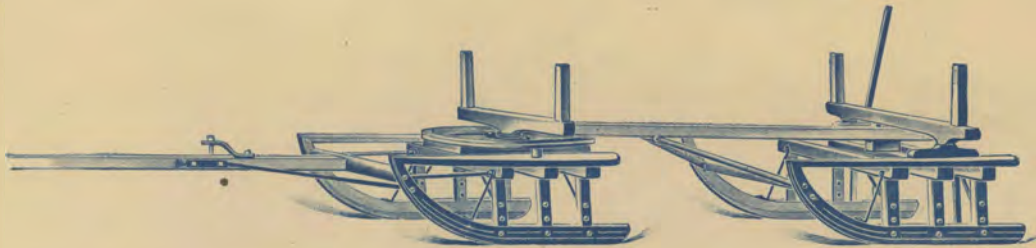
No. 4. Heavy Two-horse Three Knee Bob Sled



This bob differs from the one preceding only that it is built heavier. All sleds are furnished with limber or neck-yoke tongue unless otherwise specified; the knees are 1 1-2 inches by 2 3-4 inches by 1 1-2 inches; size of runners, 1 3-4 inches by 1 1-2 inches by 4 feet 10 inches long; shoes, (cast iron), 1 1-2 inches by 1 3-4 inches by 3 feet 5 inches long; size of bolsters, 3 3-4 inches by 2 5-8 inches by 42 inches; height of sled from bottom of sole to top of fender, 16 1-4 inches; this sled has full iron circle; weight, 400 pounds.

Only Skilled Workmen are Employed in Making Our Bobs.

No. 2. Two-horse, Three Knee Bob Sled

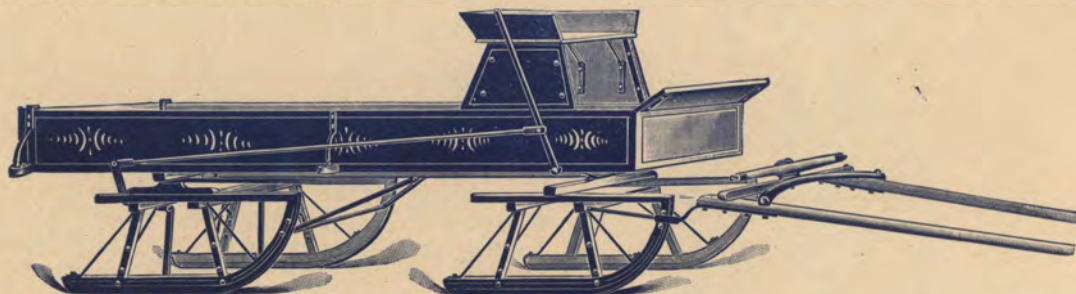


This is our light type three knee bob sled; same is furnished with pole; shafts will be furnished extra. This sled has full iron circle.

Size of runners: 1 1-2 inches by 2 1-4 inches by 4 feet 9 inches long; three knees, 1 1-2 inches by 2 1-4 inches by 1 3-8 inches; shoes, (cast iron), 1 1-2 inches by 1 3-8 inches by 3 feet 5 inches; size of bolster, 3 1-2 inches by 2 5-8 inches by 42 inches; height of sled from bottom of sole to top of fender, 16 1-4 inches; weight, 375 pounds.

All Sleds are Honestly Painted and Tastefully Striped.

One-horse Two Knee Bob Sled and Box

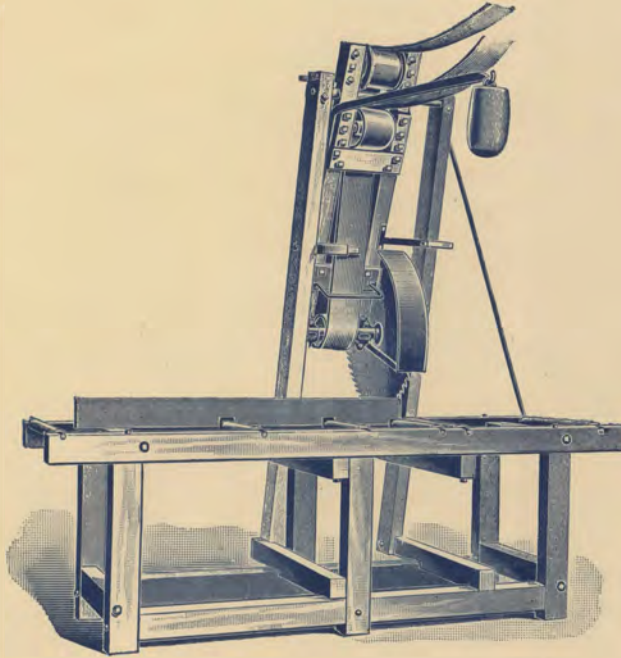


This sled is finished yellow, and the box green. Both are mechanically striped and varnished. Shafts can be changed to use straight or at the side. Pole furnished extra when ordered. Box is fitted with high seat and side lock fixtures. All made from choice material.

Size of runners: 1 1-2 inches by 1 1-4 inches by 4 feet 6 inches long; Two knees, 1 1-4 inches by 1 1-2 inches; Shoes (cast iron), size 1 1-4 inches by 1 3-8 inches by 2 feet 8 inches long; Bolsters, 2 1-4 inches by 3 inches by 36 inches; Height of sled from bottom of sole to top of fender, 17 inches; Weight complete, 400 pounds.

All Material is Carefully Selected.

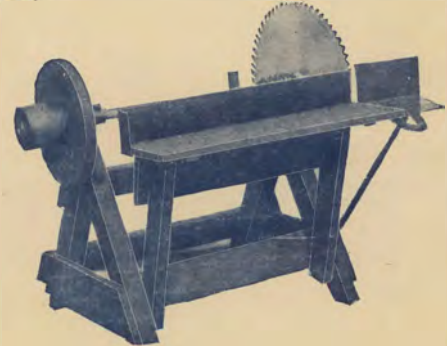
Over-head Cut-off Saws

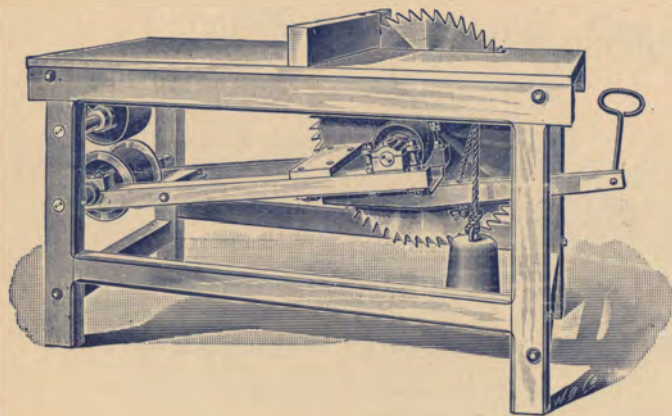


This over-head cut-off saw is a new production and made to fill the place where the other style saws will not. As you will observe, it is driven by one belt overhead direct from engine, which enables fireman to operate it on side facing boiler. The table is fitted with iron rollers, making easy handling of stock. This cut-off is very convenient to cut off lath bolts. Saws from 24 to 30 inches can be used.

Favorite Wood Saw

We claim for this Favorite machine that it is the greatest labor-saver of any cross-cut saw in the market. It will easily do the work of twenty men and it makes wood cutting a pleasure. It has a heavy balance wheel; pulley 6-inch face and 6 inches in diameter. An absolute guaranty goes with each machine,





Lightning Wood Saw

The saw is arranged on a swing underneath the table and when ready for work is easily raised by a hand lever with a heavy weight attached and cuts from under the wood, and when through, the saw drops down under the table again and out of the way of danger that is unavoids with other wood saws. The saw is operated with an endless belt, which slightly tightens when at hardest work. This saw is designed for saw mills, &c., or where steam power is used. Saws from 20 to 36 inches can be used on this table.

Farmer's Wood Saw

We also build a wood saw with sliding table that is a great labor saver in cutting fuel, pointing rails, etc.

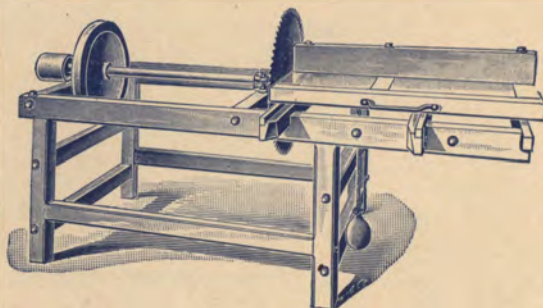
We build this saw with or without balance wheel. This saw has a 3 1-2 feet sliding table.

These saws are built in a substantial manner. Frames are built from hard wood well mortised and bolted. Mandrel is built from the best material.

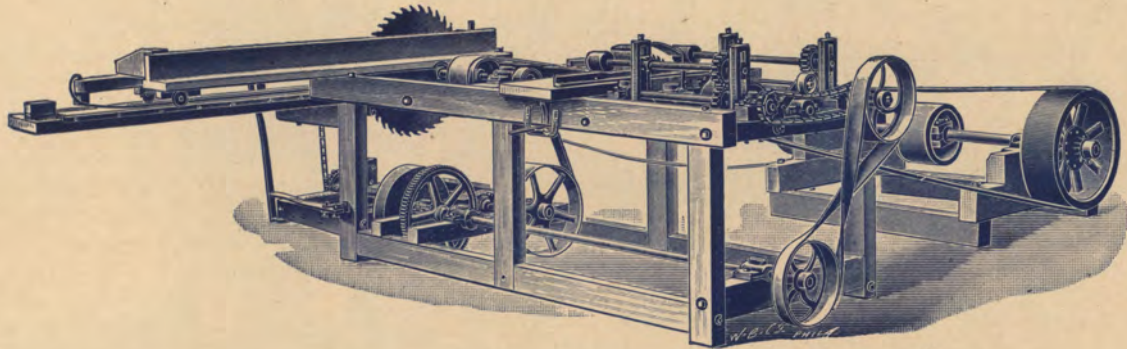
All shafts are run in well babbitted boxes.

All saws used on these machines are the best that can be bought and are fully guaranteed against any imperfections in material and workmanship. We positively will not use a cheap saw.

These machines are nicely painted and decorated and will please in every respect. Saws used on this machine from 20 to 30 inches in diameter.



No. 2 Combined Lath Mill and Friction Feed Bolter

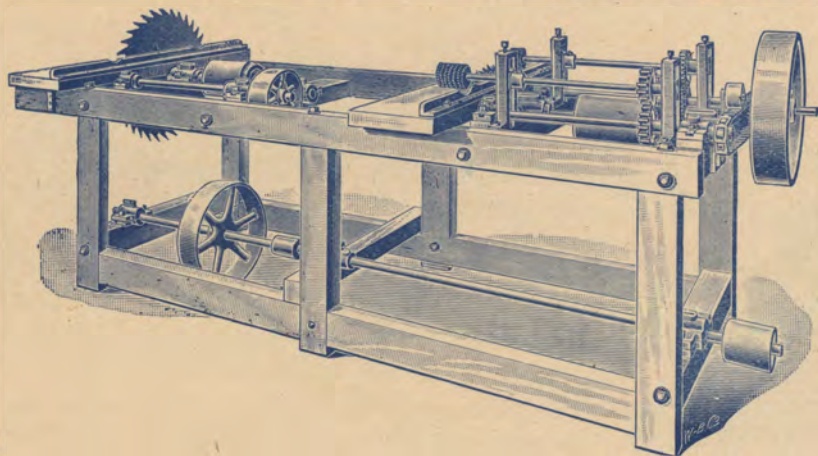


The lath end of this Mill is constructed same as our No. 1. Our No. 2 Mill is equipped with a friction feed bolter for bolting round timber. It is equipped with a carriage long enough to accommodate the bolts, and is controlled by a lever convenient to the operator.

The size of saws is same as used on our No. 1 Mill. The bolting saws should run from 1200 to 1500, and the lath saws 2500 to 2800 revolutions.

The bolter on the No. 2 Mill is built to bolt slabs, while this mill is made for all kinds of timber. This mill has comparatively the same capacity as our No. 1 Mill.

No. 1 Combined Lath Mill and Bolter.



This Lath Mill and bolter is built on an extra heavy frame, 3 1-2 feet wide and 9 feet long. The lath saws are 3 in number and 12 inches in diameter. The bolting saw is 24 inches in diameter. Mandrels of each are made of cold rolled steel and each has a 7 inch diameter by 8 inch face pulley. The stock is fed through lath saws by two sets of rollers, one in front and one behind. The rollers are all geared together by sprocket chain and pinions, doing away entirely with all short feed belts, which are a source of annoyance to any one or any machine. The feed rolls are fluted which make feeding the machine an easy task. The feed rollers are driven

by a clutch pulley, to which a lever is attached (as seen on No. 2), convenient to the operator to stop feed rolls instantly, which enables him to withdraw the piece, preventing injury or damage to the saws.

The Bolter is fed by our fluted roller. Capacity of mill from 10 to 20 thousand per day, according to power and labor applied. **This cut shows a Right-hand Bolter and Lath Mill.**

Saw Dust Elevators

This is an almost indispensable addition to any saw mill as a labor saver. While we have no cut of the carrier, will explain that we build a Jack with bevel gears that is secured in pit underneath saw mandrel and driven direct from same. We use No. 33 sprockets and chain and furnish these carriers any length desired. We keep them on hand for prompt shipment.

We also keep on hand pulleys, sprocket wheels, and gearings for all kinds of machines, and do all kinds of repair work. We will be pleased to hear from you when in need of anything.

Hog Troughs



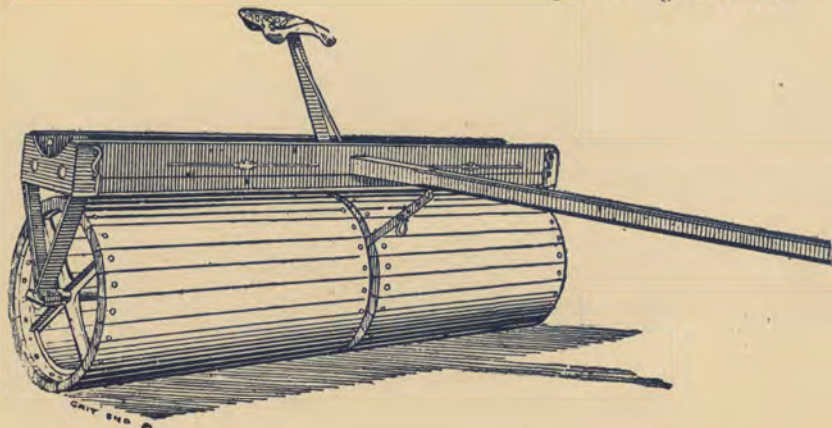
We would call your attention to the fact that greater attention is being given to hog raising than ever before. To do anything right you must be equipped to do it, and you will find all the leading farmers are placing the cast iron Hog Troughs in their pens.

They are easily cleaned and almost everlasting. They are strongly made, and made with proper pitch that we guarantee them against freezing.

Prices are within the reach of all. Write to-day for prices.

Length	Width at Top	Width at Bottom	Depth	Capacity	Weight
2 ft.	12 inches	2 inches	6 inches	4 gallons	28 lbs.
3 ft.	12 "	2 "	6 "	6 "	42 "
4 ft.	12 "	2 "	6 "	8 "	56 "
5 ft.	12 "	2 "	6 "	10 "	70 "
5 1-2 ft.	12 "	2 "	6 "	11 "	77 "
6 ft.	12 "	2 "	6 "	12 "	84 "
7 ft.	12 "	2 "	6 "	14 "	98 "

Land Rollers



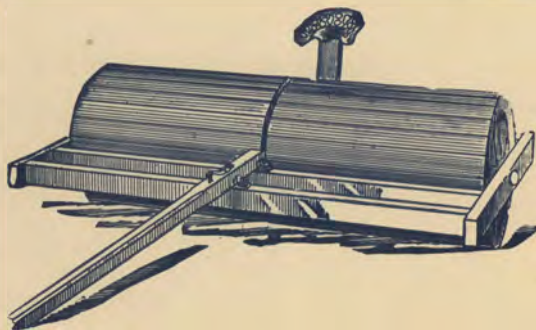
wide. The heads are all heavy cast and each stave or plank is bolted on separately so that if one gets broken it can be easily replaced. After the frames are made they are secured by heavy wood screws with nuts on, whereby they always remain firm, but in case one should get loose it could easily be made tight by simply tightening the wood screws. The poles can easily be removed when ready to put away. A 1 1/2 inch shaft runs the entire length of both rollers. The square frame roller is 28 inches high and weighs 900 pounds, and the top frame roller is 29 inches high and weighs 800 pounds.

We know you will be pleased with one of these rollers.

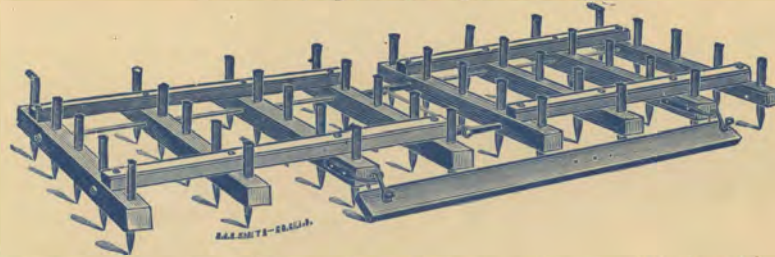
WRITE FOR PRICES

This important farm implement is coming into general favor. They crush all clods or lumps that remain after the harrow has passed, leaving the surface of the field smooth and level for the cradle or reaper, and by rolling, after the seed has been sown, and pressing the earth close around the seed a sure and quick germination is secured, besides retaining in the soil much valuable matter essential to vegetation, that would escape through loose, uneven soil.

These rollers are made in two sections of 4 feet each and will roll 8 feet



Scotch Hinge Harrow



This is a large double harrow, and may be used singly or together, and being hinged will accommodate itself to the unevenness of the surface. They are built from thoroughly seasoned white oak, beams 2 1-4 inches by 2 3-4 inches by 4 feet long, with forty 3-4 inch by 11 inches, steel teeth, unless otherwise ordered. Will harrow 10 feet wide.

Corn and Potato Hiller



The above tool is fast coming into favor for covering and hilling potatoes and corn.

The top and legs are cast, the covering blades are made from the best 3-16x7 crucible steel, insuring long service.

Price \$12.00

The Orangeville Coil Spring Harrow



The above Coil Spring Harrow is the most satisfactory Harrow ever made for new or rough ground. Having handled this Harrow for 25 years, we know from experience the merits of it. This Harrow was formerly manufactured by E. Bements & Son, Lansing, Michigan.

Having recently come in possession of all the patterns of this Harrow we are

now prepared to furnish them in large or small quantities. We propose to build the Harrow from first-class lumber and other material.

To those who have in the past handled this Harrow it needs no introduction, but for those who have not, we only ask you to give them a trial, and are sure you will want more.

BRIEF DESCRIPTION

The Springs are coiled Crucible Steel, tempered in oil, the adjusting plate under each tooth is 1 and 3-4 inches by 3-16 inches and is held in position by two 5-16 inch bolts. The tooth works on a 5-8 inch bolt screwed into an eye, the eye being Lag-screwed into the wood frame.

The frame underneath is well plated to insure long service.

The cut does not show it, but the Harrows have outside guard irons to prevent catching on stumps or other rough objects.

Positively the best rough Land Harrow ever made.

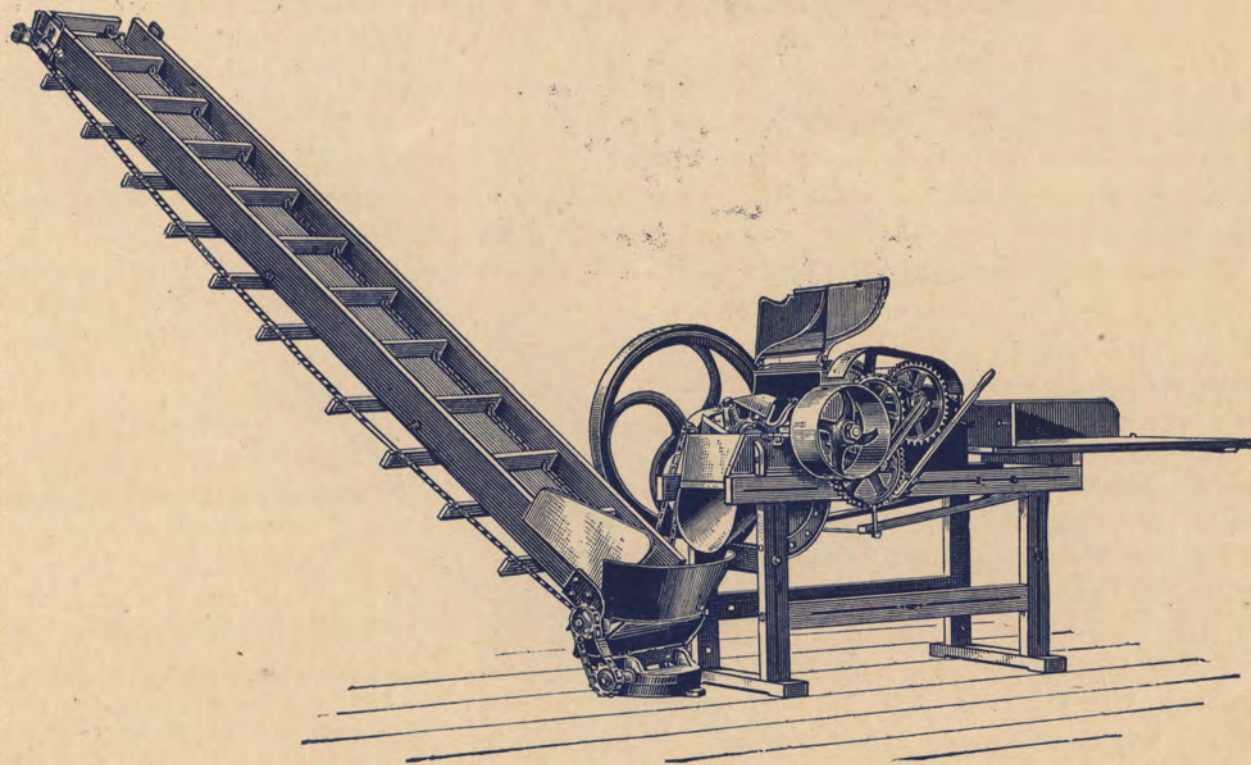
Width of Cut
5ft. 6in.
6ft.

Number of Teeth
16 teeth
18 teeth

Price
\$18.00
\$19.50

Weight
180 pounds
195 pounds

No. 16 Ensilage Cutter and Swivel Carrier



Description of No. 16 Ensilage Cutter and Carrier

The illustration on page 19 represents our largest size Ensilage Cutter and Swivel Carrier.

This cutter has four 16-inch knives of the best quality.

It has a 6-inch spiked feed roll which is by far superior to any feed roll of which we have any knowledge.

The cutter has an extra wide throat, increasing its capacity to a great extent.

This cutter will cut three lengths cut by simply changing a sprocket wheel.

This cutter is equipped with a safety balance wheel.

This cutter can be fed or belted from either side; also has an extension feed table.

Swivel or straight carrier can be used with this cutter.

We furnish carrier of any length.

With a swivel carrier you can elevate your ensilage at any angle desired, and it can be shifted from one side to the other without changing the position of the machine, thereby allowing you to fill two silos side by side or on opposite sides without changing the position of the machine.

Weight of cutter complete, 690 pounds.

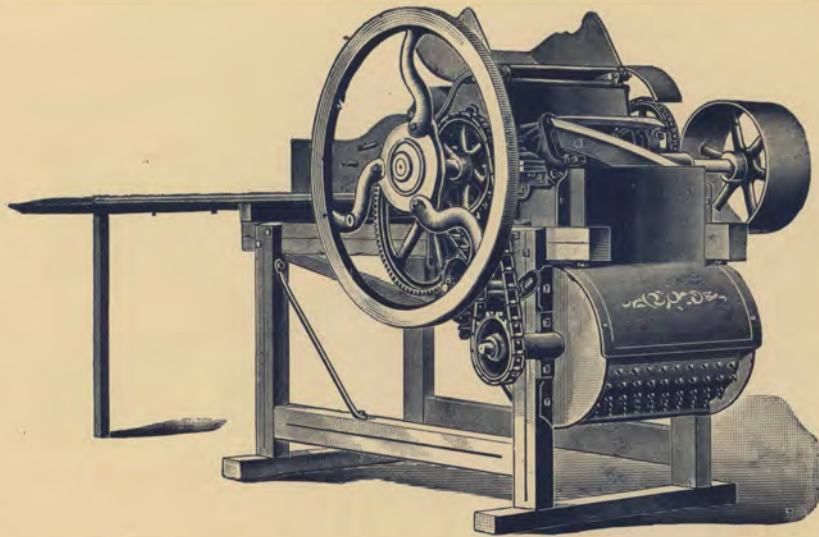
Weight of cutter and carrier, 950 pounds.

Capacity from 6 to 10 tons per hour, according to power applied.

If you are in need of a cutter and carrier you will make a mistake if you do not investigate the merits of this cutter.

We sell it on its merits and guarantee it fully.

No. 16 Cutter and Crusher



This is the largest size cutter and crusher we build.

This machine has four 16 inch knives.

Six inch feed rolls. Extension feed table.

Clutch to throw in and out of gear.

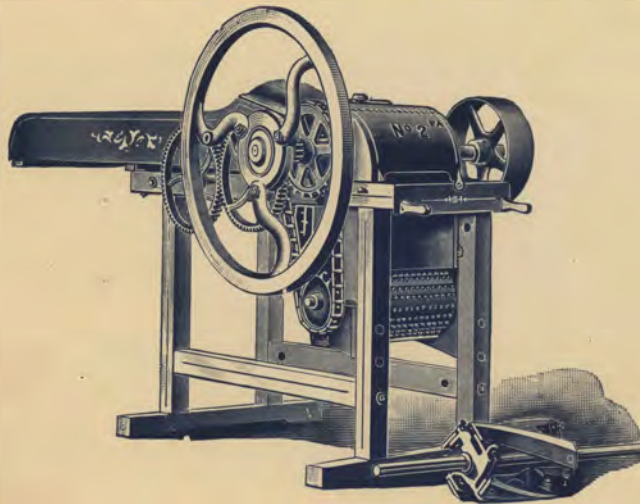
Weight of this machine not mounted, 1650 pounds.

Power required to run, six to ten horse power.

With the swivel carrier it is possible to fill two silos side by side or on opposite sides without changing the location of the machine.

Agents Wanted.

No. 2 Cutter and Crusher



This machine has four 12 inch knives.

Ribbed feed roller.

Clutch to throw in and out of gear.

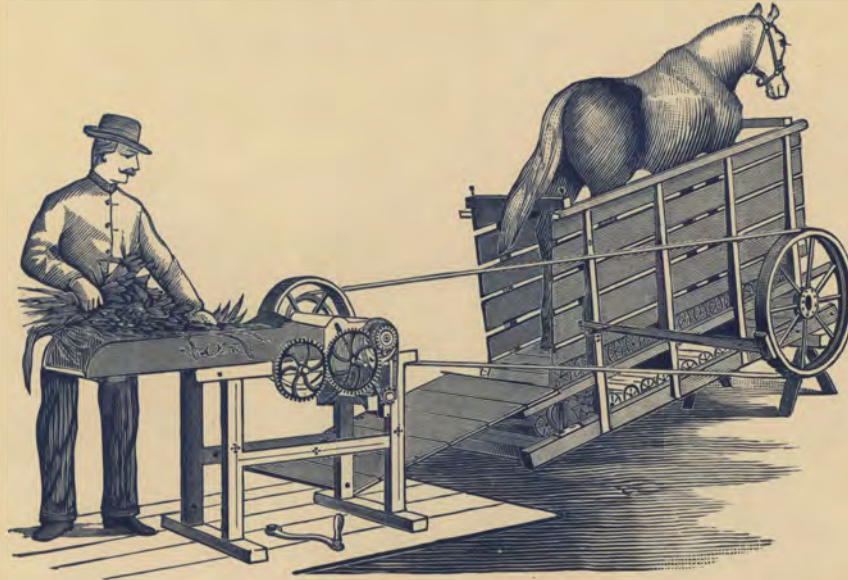
Weight of this machine is 450 pounds.

Power required to run, two-horse tread or light lever power.

Note general description on page 13.

Straight or swivel carrier furnished with this machine.

No. 4 Cutter and Crusher with One-horse Power



This machine has two 10-inch knives.

Ribbed feed-roller.

Weight of this machine is 250 pounds.

This machine was designed to run by hand or power. While this machine has not a large capacity, it is a little dandy where a small number of cattle is kept, and has ample capacity for light work.

For general description see page 13. This Cutter and Crusher with one-horse power will make an ideal outfit for a small farm. The power can be used for threshing, sawing wood and many other other purposes where a one-horse power is sufficient.

Agents Wanted.

No. 4 Daisy Cutter

This illustration represents our No. 4 Cutter without crusher and is designed to be run by hand or power.

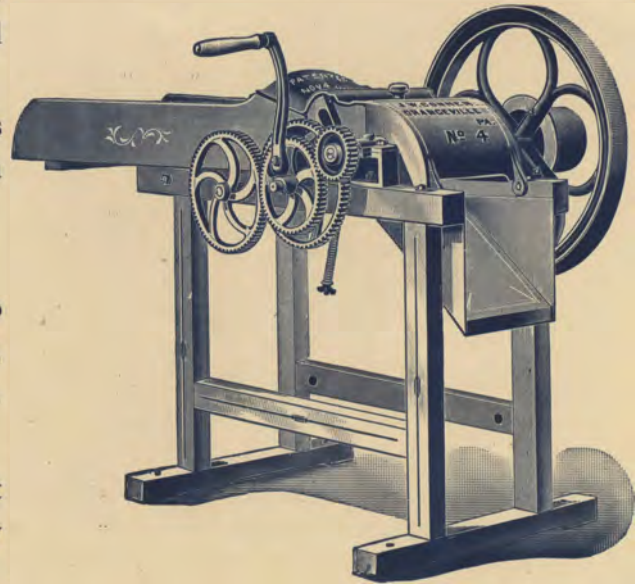
It has two 10-inch knives, ribbed feed rolls and will cut fodder or straw or both mixed, in an entirely satisfactory manner.

This cutter will cut several lengths.

We furnish cutter with balance wheel, also band wheel for power, and crank for hand power, extra change length pinions, wrench, all complete.

Weight of Cutter complete, 175 pounds.

This is without a doubt one of the best built and best finished Cutters on the market, and fully guaranteed.



Daisy Cutter and Crusher

Substantial

Practical

Effective

Daisy Cutters and Crushers have long since passed the experimental stage, having been in successful operation for ten years and have won their laurels in competition with the best cutters on the market and stand to-day at the top as one of the best constructed, lightest running, most effective Cutters and Crushers built.

We candidly believe they will give longer and better service than any other cutter on the market to-day.

Daisy Cutters all have a downward shear cut making one of the best and most effective cutting devices known.

Knives. We use on all our cutters heavy wrought back, steel face knives.

Cutting Plate. Is made from tool steel and arranged so as to be reversible, and can be used on all four cutting edges, thereby outlasting four of the average plates found on most cutters.

Crusher. Our crusher is an exclusive pattern of our own and can be found on no other cutter. The crusher cylinder is made of cast iron having long teeth which run through a concave having like teeth, which tears and crushes the fodder to a soft mass, making without exception the best feed possible to make from corn fodder.

Concave. Can be lowered or raised so as to regulate the crushing capacity.

The crusher is run by a chain gear, which is by far more substantial than cog gear.

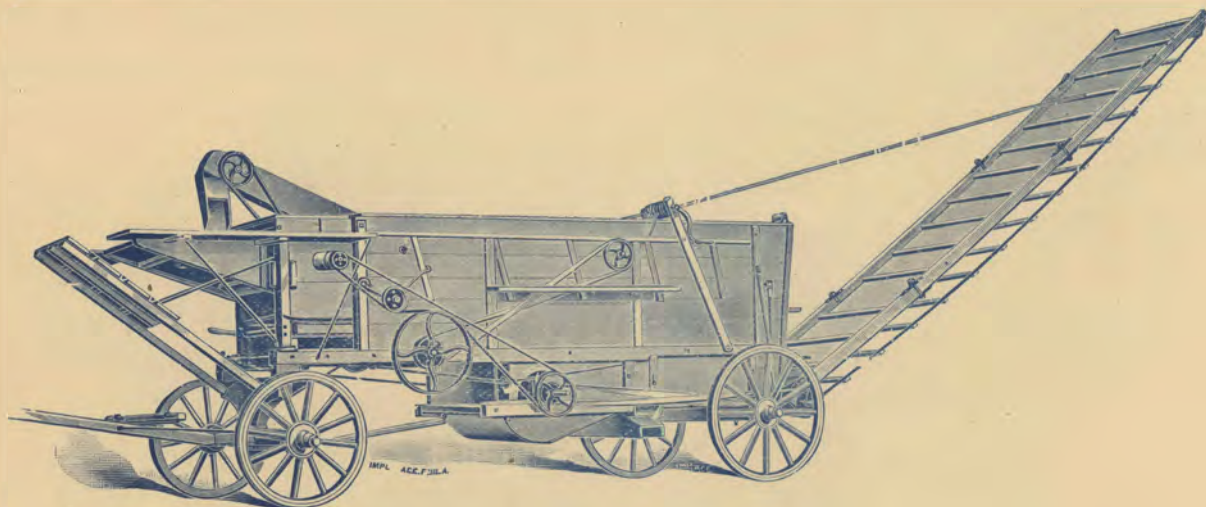
It has a simple device to throw in or out of gear which often saves the machine from choking down or from being broken by hard substance running through.

These cutters are fitted with heavy safety balance wheels and band wheels.

Frames of all our cutters are built from hard wood well mortised and bolted.

All cutters are well painted and decorated, making a handsome appearance.

We ship these cutters knocked down; by so doing we get the lowest freight rates.



This illustration represents our White 20th Century Undershot Thresher made in three sizes as follows:

No. 10. This size has 22 inches by 18 inches cylinder; trunk of machine is 36 inches in width; power required 6 to 8 horse power engine; capacity on wheat per hour 40 to 60 bushels, and other grain in proportion; shipping weight complete, 2600.

No. 20. Size of cylinder is 26 inches by 18 inches; trunk of machine is 40 inches wide; power required to run same 8 to 10 horse power engine; capacity per hour on wheat 50 to 60 bushels, and other grain in proportion; shipping weight complete, 2800.

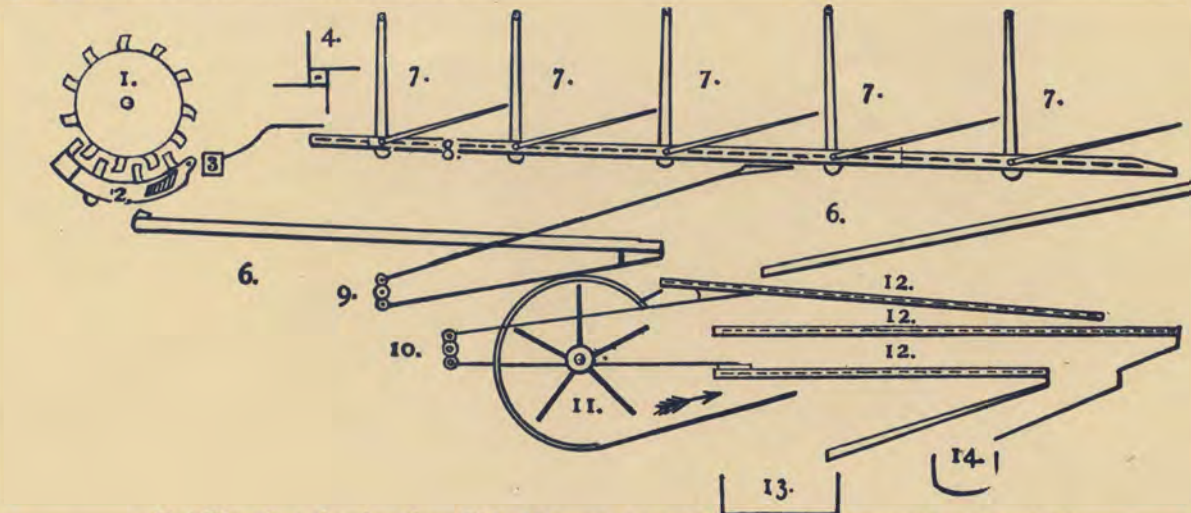
No. 30. The largest thresher we build has 34 inches by 18 inches cylinder; trunk of this machine is 46 inches wide; power required to run this size, 10 to 12 horse power engine; capacity on wheat is 60 to 75 bushels per hour, and other grain in proportion; shipping weight on above size is 3000.

Straw Carriers. All size undershot machines are furnished with three section straw carriers, 20 feet long, with canvas shields on sides.

The Tailings Elevators are equipped with sprocket chain drags instead of belting, as mostly used, and threshermen will readily see the advantage of this.

Dusters. Machines are equipped with improved Dusters if wanted.

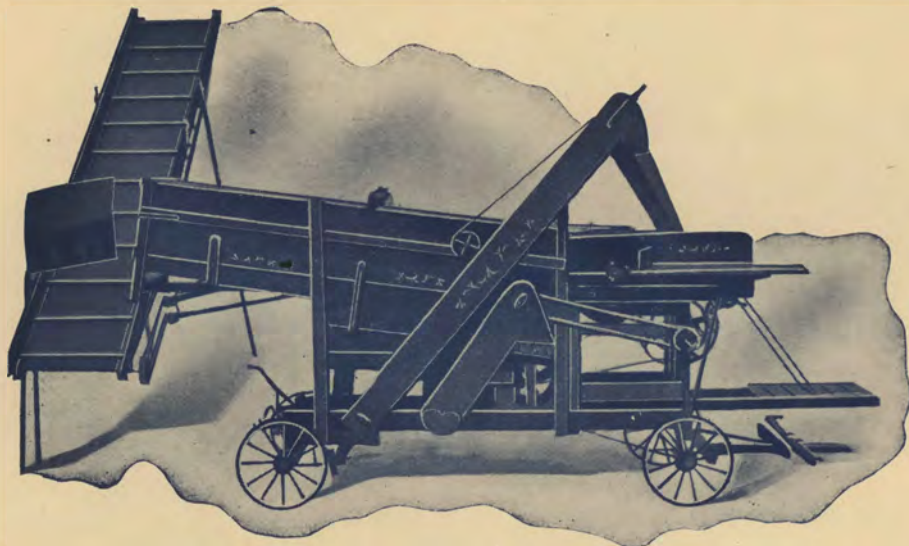
Baggers are also furnished if wanted.



Cut Showing Sectional or Side View of 20th Century Thresher, 10, 20 and 30.

- | | | |
|---------------------------------|-------------------------------------|----------------------------------|
| No. 1. Cylinder | No. 6. Grain Conveyors | No. 10. Pitman's Driving, No. 12 |
| No. 2. Concaves | No. 7. Tossing Forks | No. 11. Fan |
| No. 3. Adjustable Fork | No. 8. Separator | No. 12. Sieves |
| No. 4. Beater or Straw Governor | No. 9. Pitman's Driving, Nos. 6 & 8 | No. 12. Grain Spouts. |
| | No. 14. Tailings Spout | |

Improved No. 2 Favorite Thresher and Cleaner



The Improved No. 2 Favorite Thresher and Cleaner, mounted on steel wheel truck, also side delivery stacker, tailings elevator and bagger. This represents our full rigged machine.

This thresher is built on same style as the No. 1, which you will note by cut above.

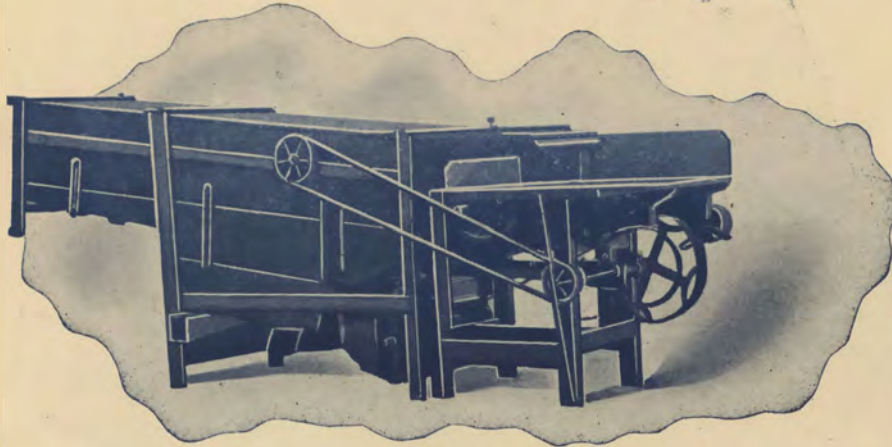
Power required, a two-horse tread power or 3 1-2 horse engine or larger.

Size of cylinder, 18 by 24 inches; size of trunk, 34 inches; side of riddles, 30 inches.

Weight dismounted, 1400 pounds; weight complete, 2000. Capacity 25 to 30 bushels wheat and 50 to 60 bushels of oats per hour.

All Machines are Honestly Painted.

Improved No. 1 Favorite Thresher and Cleaner



This Illustration Represents our No. 1 Thresher and Cleaner

This thresher is built in two parts, same as our No. 2, except in size, and for light threshing is equal to any on the market.

Besides its being an ideal thresher it is very convenient to store, owing to its being made in two parts.

In fact every farmer should have an outfit of this kind to enable him to take advantage of the high prices
Power required, 2-horse tread power or 2-horse power engine or larger.

Size of cylinder, 18 by 20 inches; size of riddles, 22 inches; size of trunk, 27 inches.

Shipping weight of separator, 1000; capacity, 10 to 20 bus. of wheat and 20 to 40 bus. of oats per hour

We furnish above thresher with mountings, tailings elevator, straw stacker and bagger.

Made to run with any kind of power.

No. 3 Overshot Separator



This Illustration Represents our Improved No. 3 Overshot Separator

This machine is built same as our No. 2, of which a description can be found on pages 1 and 2 except it is built heavier and some larger and is the ideal machine for a heavy team on a tread power or light engine. Size of cylinder 26 by 18 inches. Size of trunk 32 inches.

Shipping weight with trucks complete, 1850 pounds. Shipping weight without trucks or straw carrier, 1425 pounds.

Straight or side delivery straw carrier furnished with this machine ; also jack for raising or lowering carrier. Extra pulleys furnished with this machine for bean threshing when ordered.

Our Threshers all do Satisfactory Work with Gasoline Engines. Agents Wanted.

Improved White No. 2 Overshot Thresher



This illustration represents our **Improved White No. 2 Overshot Thresher.** The lightest running, fastest threshing and most thorough cleaning separator on the market to-day.

This outfit will thresh and clean all kinds of grain under all conditions that it is possible to thresh grain and do it to perfection. As a bean thresher it has no equal.

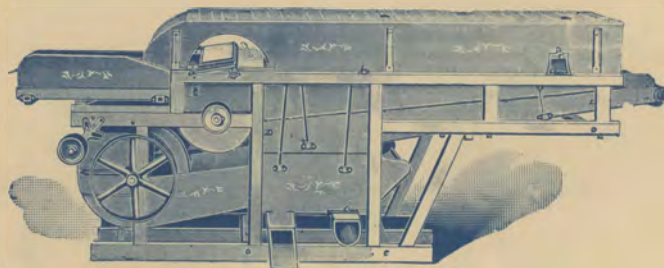
We furnish extra pulleys for bean threshing when ordered.

Size of cylinder, 24 by 18 inches; size of trunk, 30 inches.

Shipping weight with trucks, elevator complete, 1800 pounds.

We furnish this machine with straight or side delivery straw carrier, also bagger or duster.

Improved No. 1 White Separator



This illustration represents our **Improved No. 1 White Separator.**

This Separator is built same as No. 2 or 3, except in size, and for light threshing is equal to any on the market.

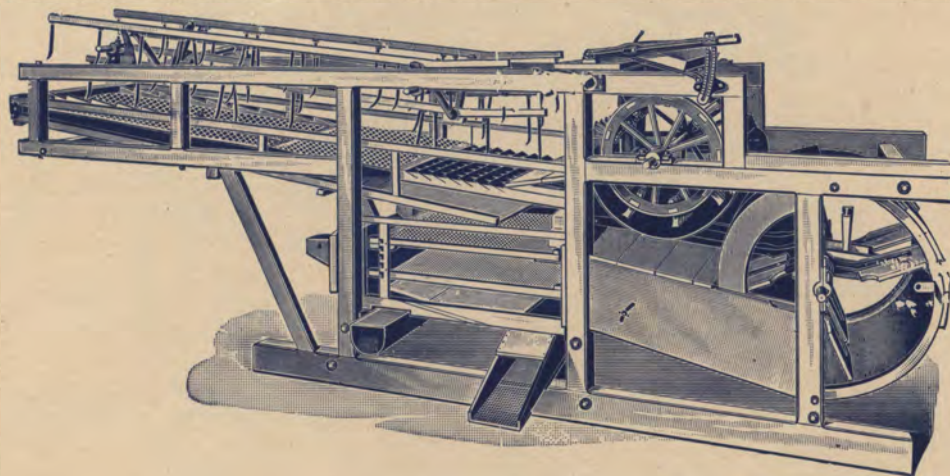
With this outfit a farmer can thresh his own crops and do it so as to have his grain ready to take advantage of the highest prices.

Size of cylinder, 19 inches by 18 inches; size of trunk of machine, 24 inches.

Shipping weight of Separator on trestle, 800 pounds.

We do not furnish tailings elevator, but will furnish straw carrier with this machine.

Skeleton Cut of Nos. 1, 2 and 3 Overshot Machine



Ratchet Pulley. Our cylinders are all provided with ratchet pulleys which are a great saving to the belt. If the power is stopped suddenly the cylinder will continue in motion and not throw the belt. In case of accident the power and horses may be stopped instantaneously without injury to horses, power or machinery.

Shaker Bottom. The shaker bottom is made of perforated sheet iron and wood, and constructed in sections so that in case of needed repairs the broken part can be replaced without bringing the machine to the shop. The under bottom of shaker heretofore made of wood, we are now making of sheet iron, a great advantage gained.

Duster. The top of our machine or duster, is so constructed that no grain is thrown in the feeder's face and the motion of the cylinder sends the dust back to where it belongs.

Standing Platform. The standing platform on our mounted machines can be quickly folded back under feed board when moving,

Elevator. The tailings elevator is made in the best manner, and returns to the cylinder all unthreshed heads and white caps, much of which would be otherwise wasted. Sprocket chain is now used instead of belts.

Straw Carrier. The straw carrier will carry away the straw, and if desired, both chaff and straw. We build them any length desired, and also for carrying straw from either side of machine to mow.

Painting. Our machines are thoroughly painted, striped and otherwise ornamented, thus making them showy and more desirable.

Mountings. All machines are framed on sills and may be used with or without trucks at pleasure. We furnish either two or four wheeled trucks as desired. The four wheeled trucks are supplied with brake, double-trees, neck-yoke and all complete ready to hitch to. We recommend parties who buy machines for merchant threshing to have them mounted on four wheels.

Capacity. It is hard to estimate the capacity of our threshers and cleaners, much depending on the quality of the grain, and the power employed, but will warrant our machines to do as much work, with the same power, and do it as well as any other in use. We estimate the capacity of our No. 1 machine from 8 to 16 bushels of wheat, and 20 to 30 bushels of oats per hour. No. 2, 20 to 25 bushels of wheat, 40 to 50 bushels of oats per hour. No. 3, 25 to 50 bushels of wheat, 50 to 60 bushels of oats per hour.



General Features of Importance of the Improved
"White" Overshot Separator and Cleaner

Construction. In constructing our machines we use nothing but the very best material, and employ none but skilled workmen.

Putting Machines Together. In putting up our machines it will be noticed that all joints are bolted together with strong bolts, so that there is no trouble about the joints racking and getting loose; and should they get loose, any one can take a wrench and draw up the nuts thus making them secure and firm; and should a piece be broken, it is easily replaced by an ordinary workman.

Cleaning. Its separating and cleaning is equal to its threshing capacity, from the fact that the trunk of the machine is from 6 to 8 inches wider than cylinder.

For light running it has no equal, for we have taken great pains to make all parts as light as possible to do the work and stand the strain; and the machine being well balanced, having the iron pointed rakes or straw agitators, making the machine so light and steady running that a mounted machine can be attached to it without ever blocking the wheels.

Concave. The concave is now made with solid cast plate bolted to wood top, instead of solid cast concave as heretofore made, and so hinged that it can be turned up and have a spike removed or a new one put in very easily. The concave is raised or lowered by a lever and ratchet, and can be done in half a minute's time and all while machine is in motion. (See skeleton cut.) All spikes are made from the best forged steel, are interchangeable and secured with nuts so that there is no trouble in taking out old ones or putting in new ones.

Cylinder. We are now using the 9 bar, 18 inch diameter open iron cylinder, instead of 6 bar, 13 inch diameter as heretofore, which is a decided improvement, for with every revolution of the new cylinder you have three spikes to the circle instead of two with the old style cylinder. The advantage of the large cylinder over the small cylinder is the reduced speed it can be run at, and at the same time threshing cleaner without cutting the grain or winding the cylinder. The cylinder is built with all full sized spikes and secured with nuts, and banded in at ends and centre with heavy iron bands.

We will build none other unless ordered. Any thresherman will of course know the advantage of the open cylinder in removing old or inserting new spikes. We will make three different sized cylinders. All bearings are run in best babbit metal boxes so made as to take up the wear.

Introductory

IN placing before the public this catalogue we have endeavored to describe our line of Threshers, Horse Powers, Engines, Fodder Cutters, Bob Sleds, Harrows, Wood Saws, etc., and we trust that the recipients will find it worthy of being preserved and referred to often.

To those who have been our customers in the past no guarantee need be given. Suffice to say that the same careful attention in the selection of material and high-class workmanship, both in construction and finish, will enter into the make-up of our machinery in the future, as in the past, sparing no expense or pains to keep fully abreast of the times.

We need not enter into a discussion as to the merits of our machines here. Yet we take the liberty to say our twenty-eight years of practical experience in this line has been of vast importance in producing a line of farm machinery, that is not excelled by any concern in the country.

We ask you to examine this catalogue carefully, and if any further information is desired, write us and we will take pleasure in answering you fully on the subject.

ORANGEVILLE AGRICULTURAL WORKS.

