

The
"Bonnie"
Binder



RIGHT HAND,
OPEN
ELEVATOR

Manufactured by

The Johnston Harvester Co.
BATAVIA, N. Y.

E. J. Harvester
Johnston Harvester Co.
La

“Bonnies”

have a great many distinct advantages of the utmost value to the farmer. The most important of them all is that they will handle

ALL THE GRAIN. ANY KIND, IN
ANY CONDITION, ON ANY KIND
OF GROUND, WITHOUT LOSS.

• Requires the least power, is lightest on the horses and gives the least trouble to the operator. Is novel in design, compact, durable, well finished and costs less to keep in repair.

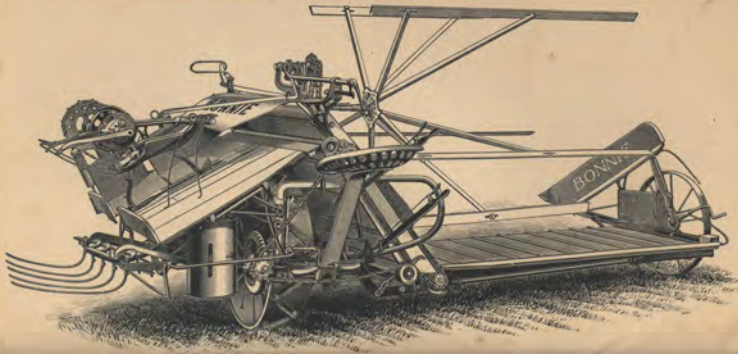
Many thousands of farmers know, from years of experience, that they can rely absolutely on the perfect work of the “Bonnie” Binder. A few expressions of their hearty appreciation are printed on pages 15 and 16 of this booklet—read them!

The “Bonnie” is the only good low-elevator binder ever manufactured, and the only one to remain on the market and successfully compete with the high-frame machines. This is the strongest kind of proof of the general satisfaction it has given in all parts of the world.

The Johnston Harvester Co.

BATAVIA, N. Y.

The "Bonnie" Binder



The "Bonnie" Binder

Right Hand. Open Elevator

Has Greatest Strength and Capacity.

Lightest Draft.

Steel Wheels.

Steel Main Frame.

Steel Elevator Frame.

Sheet-Steel Platform in one piece.

Steel Angle Divider Base.

Dust-Proof Roller Bearings in Both Wheels.

Detachable Driving Sprocket.

Special Malleable Chain, Easily Detached.

Adjustable Chain Tightener.

Right-Hand Levers.

Widest-Range Reel.

Convenient Platform Wing.

Best Made Binder Canvases.

Elevators of Greatest Capacity.

Seventh Roller.

Detachable Roller Boxes.

Steep-Slanted Decks.

Model Butter, with Steel Extension.

Simplest Binder Attachment.

Widest Shift of Binder Attachment.

Trip that Never Repeats.

Frictionless Packers.

Simple Compressor Adjustment.

Surest Knotter.

The Most Convenient Transporting Truck.

Steel Folding Bundle Carrier.

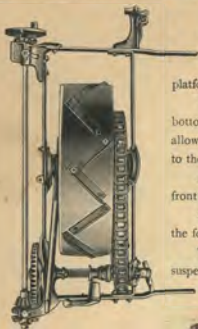
Sizes: 5 ft. 6 in., 6 ft. 6 in., and 7 ft.

The "Bonnie" has the least width of any machine of the same size cut. The 6-foot 6-inch machine passes through any ordinary farm gateway.

The "Bonnie" Binder



The Main Frame is made of special high-carbon steel. A steel "K" brace prevents twisting. The steel elevator frame, is light, strong and well braced.



Note, also, sheet-steel platform in one piece, steel angle finger bar and steel torsion pipe that holds platform and bar in line.

The guards are flush with bottom of the platform, which allows the operator to cut closer to the ground.

Plenty of room for wheel, front and rear.

Strong clutch operated by the foot.

The Steel Wheel is of suspension pattern, with steel rim, spokes and calks. The lat-

ter are set at right angles to each other to prevent end pressure on the hub.

The Hub is fitted with dust-proof roller bearings that decrease the drag.

The Driving Sprocket is detachable.



The "Bonnie" Binder



A Brass Bush Bearing at rear end of crank shaft prevents wear and heating.

Gears and pinions are made from cut patterns.

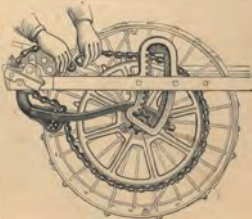
The Drive Chain is made up of special-shaped malleable links, of right pitch, strength and durability. Never climbs the sprocket. We use a simple, *adjustable chain tightener*.



To Raise and Lower the drive wheel end of the binder, we use a simple worm, gear and segments. Is effective, never out of order, well shielded.

The Range of the Segments allows the operator to raise and lower the machine so as to cut above old stubble or close to the soil.

Chain is Easily Detached. — The last notch in the segments is cut deep, so that the chain can be slackened and removed without taking the wheel out of the frame.



The "Bonnie" Binder

The Steel Grain Wheel is light and strong, with a broad rim that *does not cut into the ground*. It is fitted with *roller bearings*.



Our Improved Divider has proved to be the lightest, strongest and best. Has angle steel base. A sheet-iron shield *prevents the grain getting through the openings*. A direct-raising worm gives the best adjustment to this end of the machine.



The "Bonnie" is the *only binder* where the levers are all on *right-hand side*. The left hand is always free and the levers work easily and quickly. The machine is always in perfect balance.



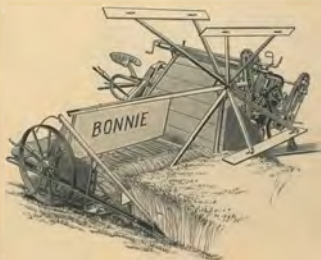
The "Bonnie" Binder



The "Bonnie" Reel has a much wider range than on any other binder. Handles equally well the tallest, shortest or medium, down or tangled grain. Any adjustment you want. One lever does it all.

The engravings show but two positions, viz.: For the tallest and the shortest.

The Platform Wing is convenient and adjustable while the machine is in motion.



The "Bonnie" Binder



Range Entirely Around the Circle.

The arrows "B" and "CCC" show adjustment around the center "A." Dotted lines indicate range at forward adjustment. Dotted line "DDD" shows range at back adjustment.



A Strong Balance Spring carries the weight of the reel. It is inside of the reel post, out of the way.

The Canvases run Taut and carry the smaller

bunches of grain, even the single straws.



The 7th Roller prevents loss and helps the grain over.

The Heaviest Grain is carried without clogging.

The large upper elevator roller pulls all tangled or short grain into the throat of the elevator.

Does not push it out between the lower rollers.

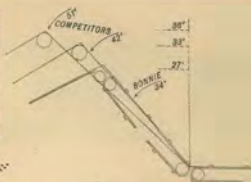


The "Bonnie" Binder



The Wide Upper Elevator increases the capacity. Canvases, finger bar and inner divider fit closely, and leakage is impossible.

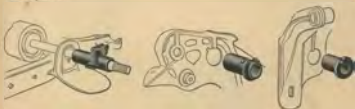
The "Bonnie" has the *shortest elevators* and yet the *greatest capacity* per foot of elevation. *Saves power!* *Saves time!*



The Best Binder Canvas, made from the finest duck; is well riveted and hemmed, has inch elm

cleats and the most tacks to the inch.

Detachable Boxes are provided for the rollers. They are self-aligning, make the rollers run true and cost little to replace.



The Decks have steep slant. One nut takes up the wear in the dump-board spring.

The "Bonnie" Binder



A Model Light-Board Butter, with sheet-steel extension. With an even, regular movement it butts the light straws into place.



The butter lever, in connection with the binder shifter lever, controls the placing of the band.

Either short or long bundles are bound in the center.



Can bind
 $6\frac{1}{2}$ to $24\frac{1}{2}$
inches from
butts of the
straw.

Our Binder Attachment is very simple in construction; has a sure trip; never repeats or makes small bundles. We use chain power, the most practical and satisfactory.



The "Bonnie" Binder



The Packers and Driving Dog Arm are always in perfect time with the needle. The packers keep just ahead of the needle, doing the heavier part of the work.



Packers and Packer Crank run in safety detachable oil boxes, preventing friction. The boxes are easily replaced when worn. *The needle is easily threaded, and you do not have to get under the machine to do it.*



The Trip Spring and Compressor Spring are adjusted independently, but with the same nut. *One nut takes up all the wear.*

Our Knotter's Perfect Work each succeeding year is ample proof that it is rightly constructed, and extreme care taken in its manufacture.

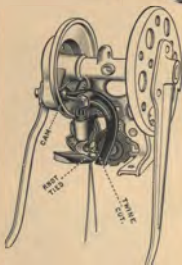
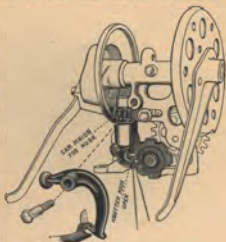


All working parts have *cam-drive movement* and there are no springs to get out of order.



The "Bonnie" Binder

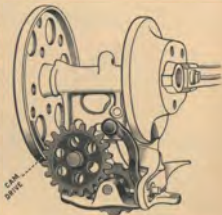
Figure No. 1 shows cam-driven knotter pinion, the knotter hook open and the knot being tied. The knife arm is easily detached.



In **Figure No. 2** note the cam-drive movement for *knife arm*, the knot tied and the twine being cut. As the knife cuts the twine, it also pushes the knotted twine from the hook.

Figure No. 3 illustrates the cam movement for the *cord holder*. Each cog on the cam wheel means a bundle tied.

A **Third Discharge Arm** can be adjusted ahead of the other discharge arms, so as to *part the heads in heavy tangled grain*.



The "Bonnie" Binder



The Needle is easily threaded through a trap door in the deck.

The Twine Can opens on the side and is readily filled.

Folding Steel Bundle Carrier. It is shifted with the binder attachment. It carries its load easily, and dumps and returns to place quickly.

It is in perfect balance and is operated by a foot lever. The steel fingers fold back against the machine, and will avoid all obstacles.

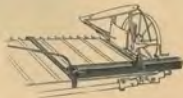


The "Bonnie" has a patent whipping device. The driver simply pulls a rod and cracks his whip or touches either horse, at pleasure. Hands are free to handle reins or levers.

The "Bonnie" in a Quick Trip on the Road



Transporting Truck.—The strongest and most convenient made. The wheels are high enough to allow the main wheel to pass in safety over any road. In loading binder on truck it is not necessary to remove platform canvas at all, but *simply fasten a brace over the canvas and bolt pole to the brace.*



Plum Branch, Va., March 26, 1901.

Messrs. Perrow, Evans & Co., Lynchburg, Va.

DEAR SIR:—The Johnston "Bonnie" Binder, bought of you last year, has proven to be far superior to any binder I have seen. The draft is one horse lighter and it is the only binder I have ever seen that will cut and tie short, thin grain and not scatter it. It is no trouble to put on truck and move about on the farm, and will go through most any gate used on wagon roads. It is strong and durable.

Yours very truly,

D. B. EVANS.

Rustburg, Va., March 25, 1901.

Messrs. Perrow, Evans & Co., Lynchburg, Va.

DEAR SIR:—The Johnston Binder that I bought of you last year gave perfect satisfaction—gave less trouble and ran one-horse lighter than my old one.

Yours truly,

H. J. PATRICK.

Hess, Okla. Terr.

Parlin & Orendorff Co., Dallas, Texas.

DEAR SIR:—I bought one of your "Bonnie" Binders this season, from your agent at Vernon, Texas, and will say that it has given perfect satisfaction. I ran my machine this season and it has worn but very little.

I have run other binders in Tennessee and Texas, but the "Bonnie" is ahead of any that I have tried yet. It is low, handy and easy to operate, and the draft is as light or lighter than any that I have ever run. As to the binding department, it can't be beat.

I think anyone in need of a binder will do well to try the "Bonnie."

Yours truly,

J. M. SHANNON.

Locke, N. Y., August 8, 1901.

The Johnston Harvester Co., Batavia, N. Y.

GENTLEMEN:—My "Bonnie" Binder gives best of satisfaction and is far superior to anything in the town. I have cut six-foot rye on a hill so steep that other machines could not keep from tipping over, and did nice work. It has never skipped a bundle in the whole season.

Yours truly,

PURLEY MINTURN.

Gunter, Texas.

Parlin & Orendorff Co., Dallas, Texas.

GENTLEMEN:—The "Bonnie" Binder we bought from you, together with those by our neighbors and tenants, amounting to a dozen or so, have proved satisfactory in every respect. We were agreeably surprised to find them filling the bill so perfectly. We have found them capable of cutting and binding ripe sorghum yielding from eight to ten tons per acre.

We have been familiar with the machine for the past three years and have never heard a complaint.

Yours truly,

NAT GUNTER, Manager.

Schodack Landing, N. Y., July 4, 1901.

The Johnston Harvester Co., Batavia, N. Y.

GENTLEMEN:—I am well satisfied with your "Bonnie" Binder. It works to perfection, runs easily, and I am well satisfied every way.

Yours truly,

GEORGE RANDERSON.

Trampton, Pa., Dec. 16, 1901.

The Johnston Harvester Co., Pittsburg, Pa.

GENTLEMEN:—The "Bonnie" Binder we bought of your agents, Ditz & Mooney, was used during the season of 1901, and gave complete satisfaction. Some of our grain was very weedy and we were afraid it would not do the work, but must say we were agreeably surprised, as it did the work and did it well. We feel that we can recommend the "Bonnie" Binder to our friends.

Yours respectfully,

U. M. & J. H. GEORGE.

Limestone, Pa., Jan. 11, 1902.

The Johnston Harvester Co., Pittsburg, Pa.

GENTLEMEN:—After having used one of your "Bonnie" Binders for four years, I have no hesitancy in saying that it is the best machine I have ever used or have seen used. I have cut on an average 60 acres a season and my expenses for breakage have not been one cent. My binder is still good and gives promise of remaining in that condition a number of years yet. No one need hesitate in buying a "Bonnie" as they are all good, as can be testified to by many of my neighbors, who have since purchased them.

Yours truly,

G. A. COLLETT.



MANUFACTURERS OF

Binders

Headers

Reapers

Mowers

Rakes

Tedders

Corn Binders

Disk Harrows

Spring-Tooth Harrows

Disk Cultivators

