

JOHNSTON

**CONTINENTAL
BINDERS**

LEFT HAND

MANUFACTURED BY
**THE JOHNSTON
HARVESTER CO.**

BATAVIA, N.Y.

U.S.A.

Sold By
H. D. Sittler.

Greentown, Pa.

JOHNSTON MACHINES

GOOD
WHILE
THEY
LAST,
LAST
WHILE
YOU'RE
GOOD.

TAKE
CARE
OF
THEM,
THEY
WILL
TAKE
CARE
OF
YOU.

25⁰⁰

The Johnston "Continental" Binder,

A BINDER of the times, for the times. A modern machine in every particular. Harvests thousands of acres of grain in all parts of the world.

We put into the "Continental" the best that brains can invent, that money can buy, and careful supervision of each detail of construction.

It will reel, cut, elevate and bind, any kind of grain that grows, on any kind of field. It will pick up and handle perfectly, tangled and down grain. It will elevate all the grain with the least power. Drives with great power. Ties every bundle and does not waste the grain. Is durable, economical, practical, and convenient. Has the lightest possible draft and no neck weight. Is easy on the horses and driver, easy on his patience and his pocketbook.

The Johnston Harvester Co.,
Batavia, N. Y., U. S. A.

The Johnston "Continental" Binder.

Left Hand—Open Elevator.

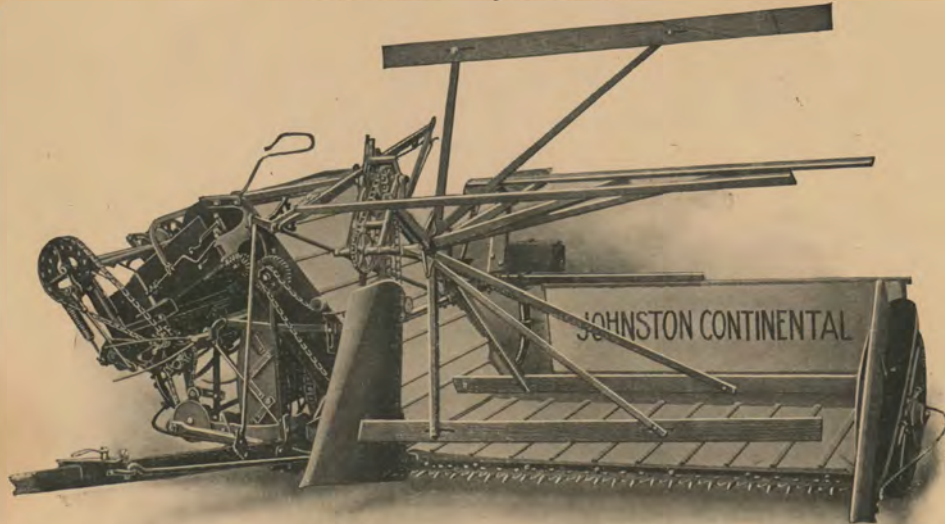
Steel
Construction.



Light
Running.



Durable and
Convenient.



SIZES:

5 feet, 6 inches.



6 feet, 6 inches.



7 feet.

Sizes; 4 feet, 9 inches; 5 feet, 6 inches.

Johnston "Continental" Binder.

Left Hand.

Has Steel Wheels.

Steel Main Frame.

Steel Elevator Frame.

Steel Platform.

Steel Divider Base.

Roller Bearings in Both Wheels.

Detachable Driving Sprocket.

Special Malleable Chain, Easily Detached.

Adjustable Chain Tightener.

Wide-Range Reel.

Reel Balance Spring.

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.

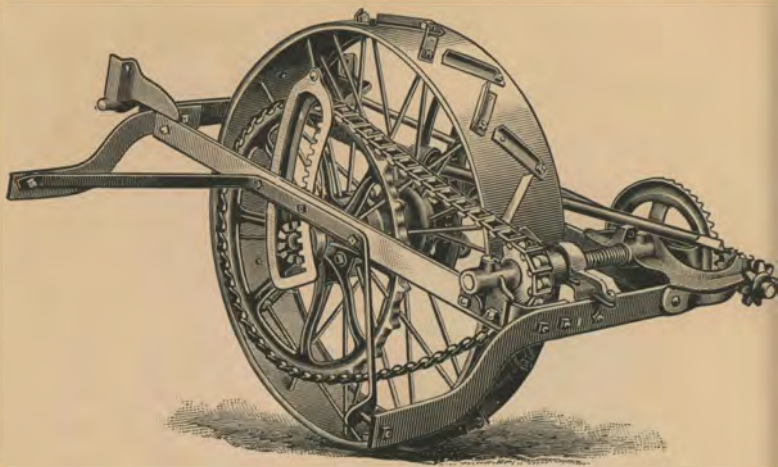
Simple Compressor Adjustment.

Surest Knotter.

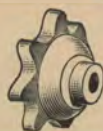
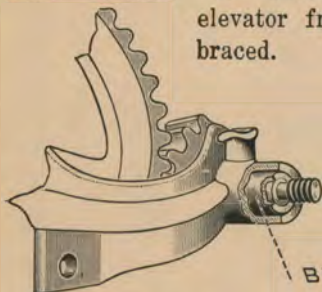
Quick Change Transporting Truck.

Steel Folding Bundle Carrier.

Johnston "Continental" Binder, L. H.



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.



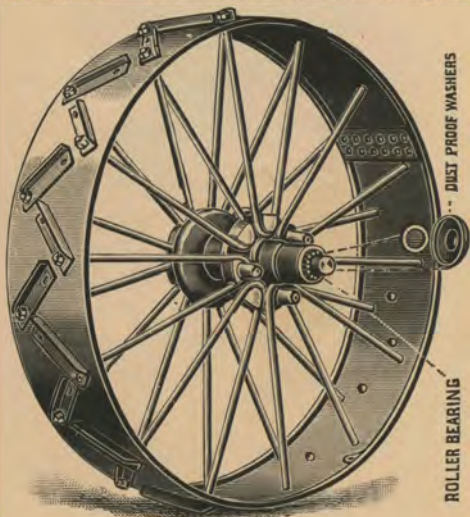
BRASS BUSH

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

The Steel Wheel is of suspension pattern, with steel rim, spokes and calks. The latter 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 draft.

The Driving Sprocket is detachable.

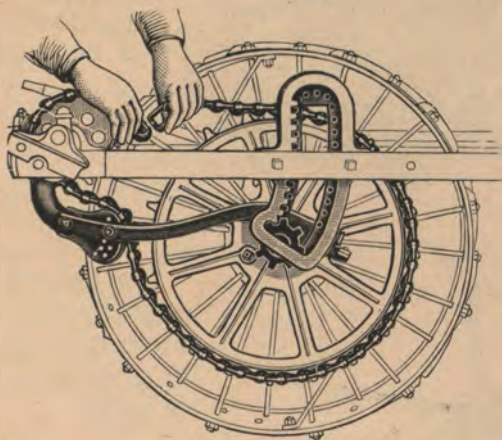


Johnston "Continental" Binder, L. H.

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*.

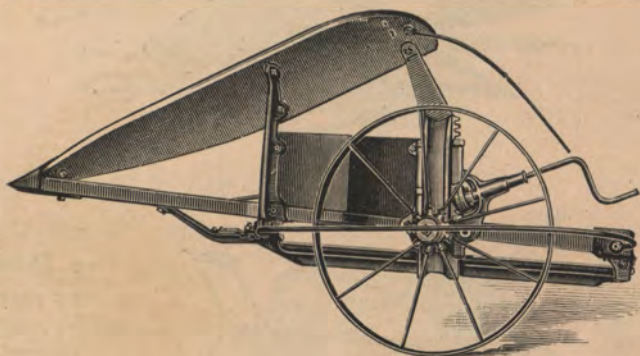


Chain Easily Detached.—The last notch in the segments is cut deep, so that the chain can be slackened and removed without taking the wheel out of the frame.



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



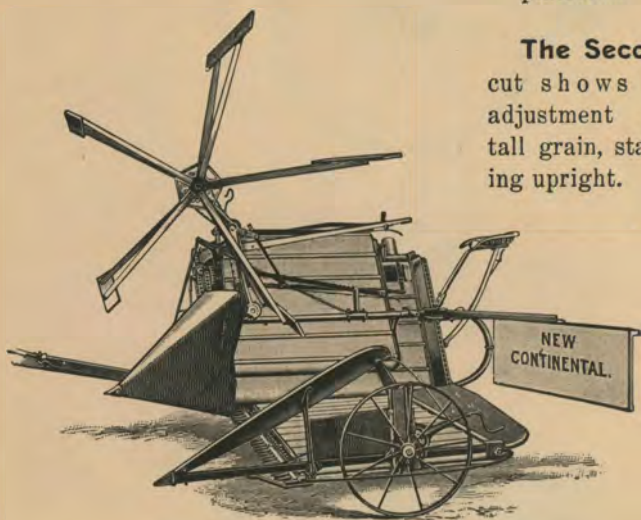
Our Improved Divider has proved to be the lightest, strongest and best. A sheet-iron shield *prevents the grain getting through the openings*. A direct-raising worm gives the best adjustment to this end of the machine.

Johnston "Continental" Binder, L. H.

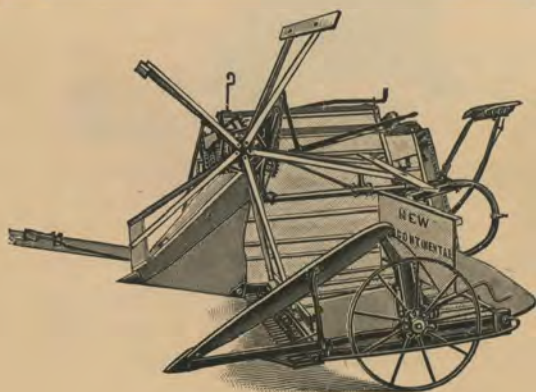
The **Extremely Wide Range** of the reel on the "Continental" is best shown in the accompanying cuts.



The First shows the reel in position for grain of medium height, and leaning from the machine. Notice that the reel is well down and far out, to press the grain on the platform.



The Second cut shows the adjustment for tall grain, standing upright.



The Third for very short grain, that the wind has blown down.

Johnston "Continental" Binder, L. H.

The Balance Spring carries the weight of the reel and helps to make all adjustments easily and quickly.

The platform backwing is adjustable to accommodate long or short grain and may be removed for extremely long grain.

For short grain, the binder attachment shifts forward, in order that the bundle may be bound in the center.

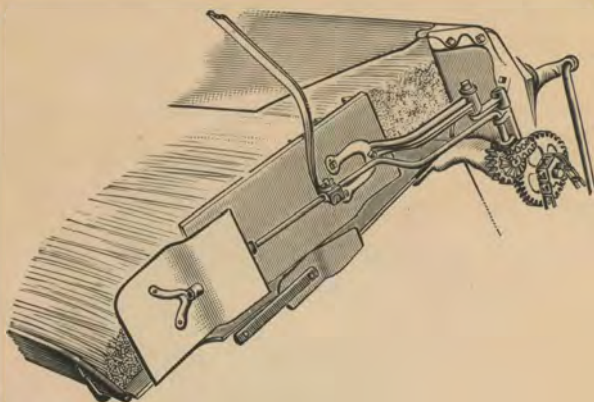
"Continental" Elevators are our special pride. They carry either light or heavy bunches of grain without loss and without clogging. Note the $5\frac{1}{4}$ -inch roller



at lower end of the upper elevator. It is the largest roller for the purpose in use on any binder. It increases the capacity of the elevator and yet it holds the canvases taut for light grain. It pulls all tangled or short grain into the throat of the elevator instead of pushing it out between the lower rollers.

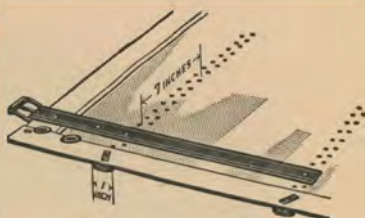
The seventh roller prevents loss at the top and helps movement of the grain to the binder deck.

Johnston "Continental" Binder, L. H.

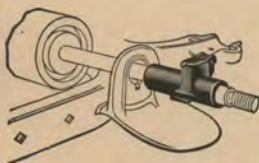


A Model Light Board Butter, with sheet-steel extension. With an even, regular movement, it butts the light straws into place. The butter lever, in connection with the binder shifter lever, controls the placing of the band. Either short or long bundles are bound in the center.

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.



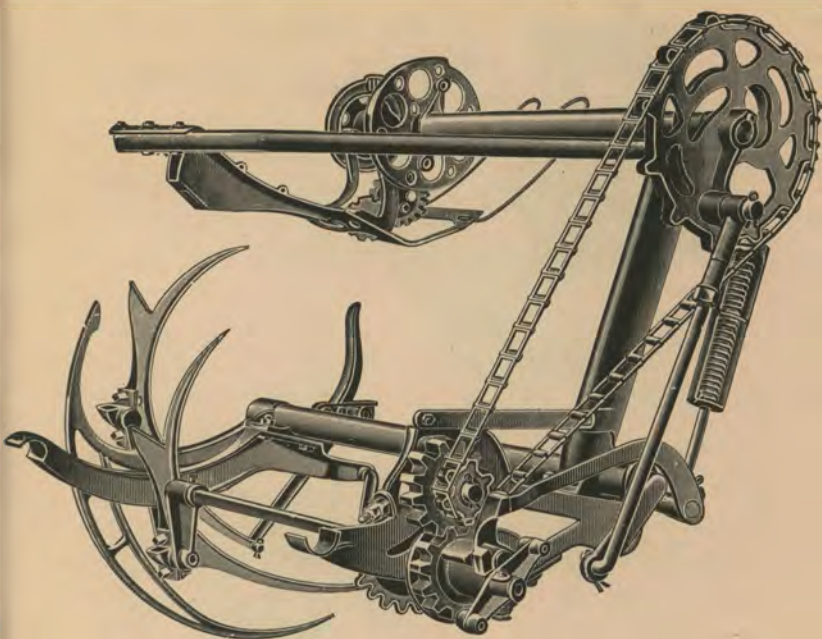
Detachable Boxes are provided for the rollers. They are self-aligning, make the rollers run true and cost little to replace.



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

Our Binder Attachment is very simple in construction. Never repeats or makes small bundles. We use chain power, the most practical and satisfactory.

Johnston "Continental" Binder, L. H.



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.



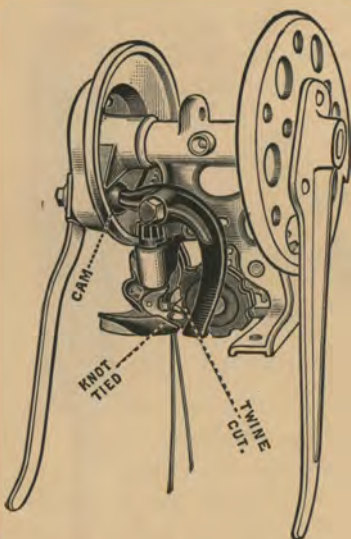
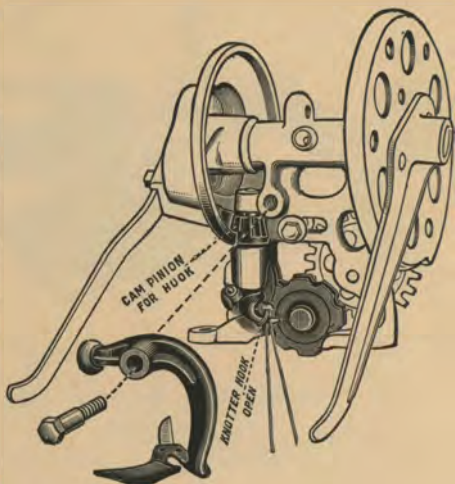
Johnston "Continental" Binder, L. H.



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.

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

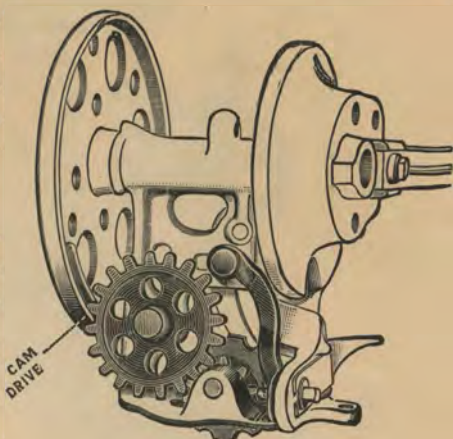


In Figure No. 2, note the cam-drive movement for *knife arm*, the knot tied and the twine being cut. As the knife cuts the twine, it also pushes the knotted twine from the hook.

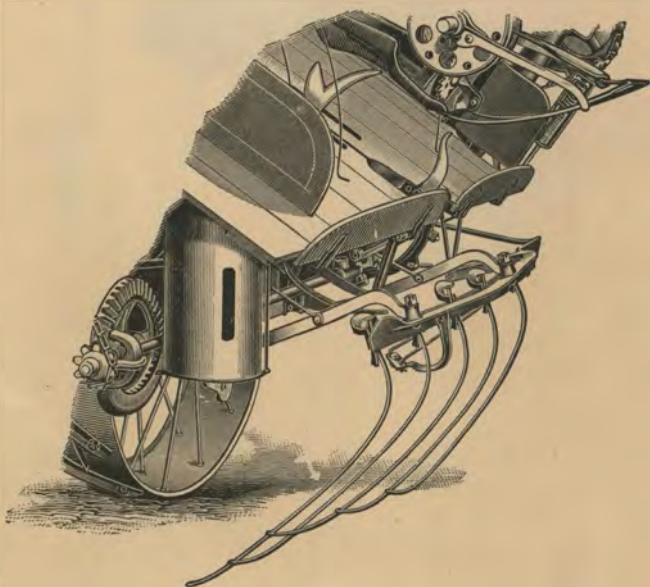
Johnston "Continental" Binder, L. H.

Figure No. 3 illustrates the cam movement for the cord holder. Each cog on the cord holder gear 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.



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.

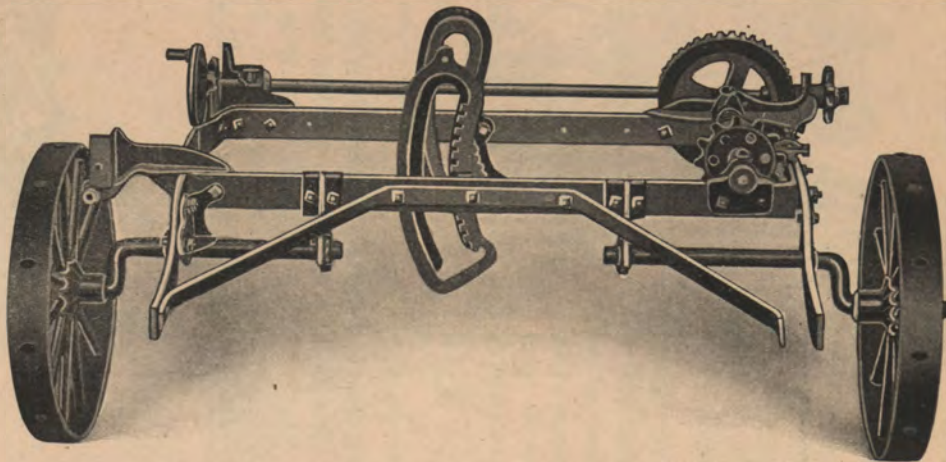


Johnston Transporting Truck.

WE have discarded the single-piece pipe axle and heavy cast supports, and substituted two small steel axles with four malleable supports.

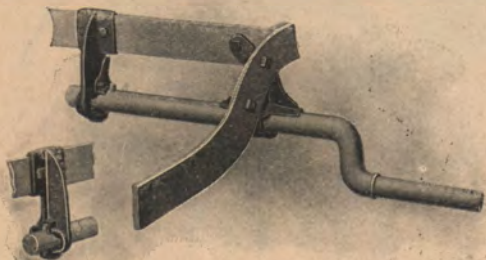
Each wheel, with its axle, is adjusted easily without taking off a single piece or nut.

The accompanying cut gives a view of the truck. The axles are kept in



place by pins at the ends, which fit in the notches in the supports. A lock lever let down on the axle holds it firmly.

To insert or remove the axle, it is only necessary to give it a quarter turn to allow the notches to pass through the grooves of the supports.

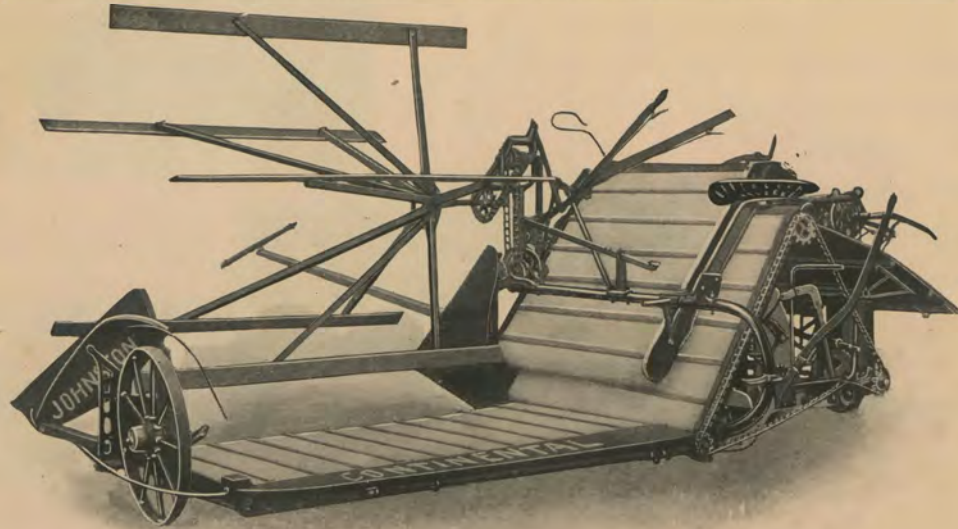


The Johnston "Continental" Binder,

36-inch
Drive Wheel.

Elevators
of Greatest
Capacity.

Binder always
Ties,
Never Repeats.



The
"CONTINENTAL"
will handle
every kind of
grain,
under any condition,
on any kind of
ground.



In
Down
Grain



The
First
Binder
in the
Province



A Group
of
Normans

In Normandy

The JOHNSTON "CONTINENTAL" BINDER was first in the field, and remains first in the estimation of the Norman people. The engraving shows the extreme conditions of the crop. The Johnston handles the down grain in a perfect manner.

LITTLE RIVER, KANSAS, May 6, 1903.

The Lightest Draft Machine.

The Johnston Harvester Co., Kansas City, Mo.

Gentlemen:—We bought one of your seven-foot cut Continental Binders of your Agents, Crawford & Ramage, Little River, Kansas, and in the four days we have used it have averaged over 20 acres a day.

We consider the Johnston the equal of any binder on the market and it is the lightest draft machine we have ever used. There is little or no side draft and no neck weight at all. We are well pleased with our machine and would recommend it to all of our friends.

Yours truly, DOWNING BROS.



No Expense Except for Oil. WELLINGTON, KAN., May 8, 1903.

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

Gentlemen:—The Johnston Continental Binder, 6½-foot cut, I bought in 1900 has never given me any trouble. Is an absolute tier and never misses bundles. I was not out a cent except for oil for two years. It has given me the best of satisfaction. If I was in need of a harvesting machine, I would buy a Johnston.

Yours truly, W. T. McCORMICK.



WAUKOMIS, OKLA.

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

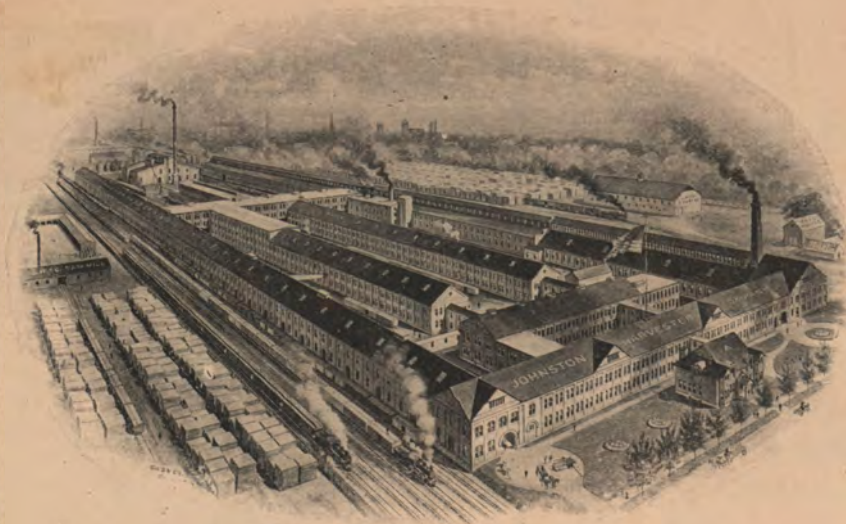
Gentlemen:—I have handled your machines in the State of Ohio, and am convinced that there are none better on the market (having had considerable experience with all the leading binders.) I purchased one of your 7-ft. Binders in 1901 of the Bragg Hdw. Co., Waukomis, O. T. I ran the machine during the entire harvest with three horses. It will elevate anything that comes on the platform, and is an absolute tier—never misses binding. The machine is well built and durable in every respect. I did not get one cent's worth of repairs during the season.

Yours respectfully, J. C. FERGUSON.

Factory and Home
Office of

THE
JOHNSTON
HARVESTER
CO.

BATAVIA, N. Y.



Branch Offices:

HARRISBURG, PA.

PITTSBURG, PA.

COLUMBUS, OHIO.

KANSAS CITY, MO.

ABERDEEN, SO. DAK.

Principal European Office:
148 Boulevard de la Villette, Paris.



MANUFACTURERS OF

JOHNSTON

BINDERS,
HEADERS, REAPERS,
MOWERS, RAKES,
TEDDERS,
CORN BINDERS,
DISK HARROWS,
SPRING TOOTH
HARROWS,
DISK
CULTIVATORS.