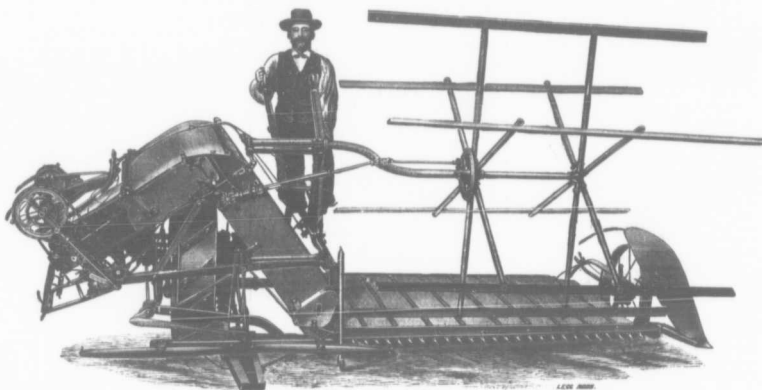


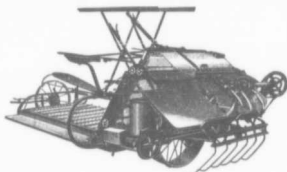
CLOKEY BINDER for 1907



The above is a cut of the **NEW CLOKEY BINDER**, a machine which will prove intensely interesting to every agriculturist, embracing, as it does, the best in every feature of its construction known to the art.

It has the largest drive wheel of any binder on the market, and the longest drive chain from master wheel to cross shaft. The cross shaft is in the rear of the elevator chain, which passing underneath the crank shaft has a strong upward pressure, and the pressure of the gear downward counteracts all strain which might come upon the bearing. The crank shaft is of the usual type and length. The pitman, which passes in front of the frame, is well protected from stumps and stones. The angle steel cutter bar, with guards well down, prevents it from scratching and scraping the ground. The grain wheel, which is large, is operated by a lever, and remits instantaneous operation. The table is supported by a strong steel tube in the rear, rigidly fastened to the steel frame in such a manner as to prevent all possibility of twisting. Throughout the entire length of this tube the table is fastened, and not being allowed to twist, holds the outer or divider end of the table perfectly rigid. Several men may get on the cutter bar or nose of the divider at once and in no perceptible way spring the table out of line. It is a well understood fact that perfect alignment of machinery is the secret of its easy running, and if this alignment can be maintained throughout the life of the machine, it will be greatly enhanced, as well as satisfactory in action. The drive wheel, being exceptionally large, permits a considerable incline to the binding decks, down which the grain glides or falls of its own accord, the three packers merely assisting and regulating the work. The knottor and binding attachment are of the well known Stark pattern, with certain valuable adjusting improvements used for the first time on this machine. The twine box is in the rear of the machine, and always under the eye and touch of the operator. The cord is carried directly from the twine box to the centre of the needle shaft, where it follows the course of the needle, and in no part of its motion has it any tendency to draw more than sufficient twine for its requirements. Thus there is no loose twine, and no need of a take-up lever, the cord regulator being always effective in keeping an even tension on the twine. The butter is of the double crank pattern, driven from the front end of the seventh roller, the perfect mechanism of which is securely shielded from all dirt and straw. The mechanism of the reel is especially neat and effective. At no time is there any slack motion of the reel, which is always operated with a tight gear motion, and perfectly steady in operation. The reel is supported by a strong steel tube, and balanced by a strong spring, leaving the operator nothing but simple regulation when he desires to move it. The forward and backward motion of the reel, which is supported on the seat pipe, is of the simplest description. The operator lays his hand on the raising and lowering lever, places his foot on the reel bar, and gently draws the reel towards him, or the reverse. The operation is most simple and effective. The machine is always well balanced, because a very large portion of the machinery has been removed from the front of the machine to the rear, thus making it possible to place the driver near the centre of the machine, where the difference in weight has the least possible effect, and neck weight on the horses is unknown. The machine can be lowered till it just gently floats over the ground, and raised to a point where it is 16 inches or 18 inches above the ground. The tilting mechanism is within easy reach, and under perfect control of the operator, as is also the reel. In addition to the raising crank, these two levers control the machine.

SOME OF THE POINTS OF EXCELLENCE ON THE CLOKEY BINDER FOR 1907



- The Largest Drive Wheel on the Market.
- The Most Perfectly Rigid Frame and Table.
- The Most Solid and yet Easily Operated Reel.
- The Steadiest Running Reel.
- The Largest Belt Rollers.
- The Greatest Amount of Movement Forward and Backward to the Binding Attachment.
- The Most Perfectly Balanced Machine.

The above points, taken together, make the Easiest Running and Most Efficient Binder of the age.

IF INTERESTED, ADDRESS

Farmers' Co-Operative Harvesting Machine Co., Ltd.
WHITBY, - ONTARIO

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