

THE FOLLOWING WAS TRANSCRIBED FROM COMPANY PROMOTIONAL LITERATURE

#### A BRIEF HISTORY OF THE JOLIET MANUFACTURING COMPANY

It is one of the old farm machinery industries of Illinois; having begun the manufacture of farm implements in 1851, in the town of Plainfield, County of Will. It was one of the first to produce the spring type corn sheller, which it has manufactured for over six decades, and for many years it has built corn shelling machinery exclusively. The original industry was established under the name of Dillman & Company, and in 1867 the present organization was incorporated. Mr. A. H. Shreffler, inventor of the Shreffler Shaker Sheller, was President of the company for many years, and after his death in 1896, his son-in-law, Mr. C. S. Witwer, became President and General Manager, which position he filled until his death, April, 1919. Mr. A. S. Witwer, his son, and grandson of the late A. H. Shreffler one of the founders of the industry, succeeded his father and is now President and General Manager of the company.

On the following pages we give, in a condensed form, some of the general points of interest concerning our product, with a brief description of the different machines.

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FRONT COVER

JOLIET POWER CORN SHELLERS

"Famous Wherever Corn Grows"

THE CYLINDER MACHINES BUILT TO SHELL HUSKED CORN

Manufactured by the

JOLIET MANUFACTURING COMPANY, JOLIET, ILL

The oldest, largest and only exclusive manufacturers  
of power corn shelling  
machinery in the country

DISTRIBUTING HOUSES AND SALES AGENCIES

Lininger Implement Co.,	Omaha, Neb
Rock Island Plow Co.,	Rock Island, Ill
Rock Island Implement Co.,	Kansas City, Mo
Rock Island Implement Co.,	Oklahoma City, Okla
Rock Island Plow Co.,	St. Louis, Mo
Gale-Hooper Co.,	Memphis, Tenn
Southern Plow Co.,	Dallas, Tex
Northern Rock Island Plow Co.	Minneapolis, Minn
Eastern Rock Island Plow Co.,	Indianapolis, Ind
American Machinery Co.,	Atlanta, Ga
Diets Machinery House,	Bloomington, Ill
Shannahan & Wrightson Hdw. Co.,	Easton, Md
Wright & Lowe,	Centreville, Md
Gibbes Machinery Co.,	Columbia, S. C
E. B. Ferguson Implement Co.,	Paducah, Ky
R. A. Hingson & Co.,	Oxford, Ala
The Wolf Company,	Chambersburg, Pa
John G. Duncan Co.,	Knoxville, Tenn

GENERAL POINTS OF INTEREST

We are not only the oldest and largest, but the only exclusive manufacturers of power

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corn shelling machinery in the country. Our line includes machines of all types and sizes for the shelling of corn. Each machine is run and thoroughly inspected by an expert who has been doing this work for us for over 25 years. Our castings are made in our own foundry, out of a special mixture consisting of the best quality of pig iron and #1 machinery casting; they are hand cleaned. All lumber is thoroughly air-dried hard maple, cottonwood, and yellow pine; the frames are mortised and bolted together. All shafts are centered, trued and balanced as the wheels are keyed on, insuring perfect balance and a true running machine. The mountings of all Joliet Shellers have steel wheels, axles, side planks (or sills), and hounds. We have specialized in corn shelling machinery for over 68 years. All beaters on our cylinder shellers, breaking within five years from date of sale, from whatever cause, are replaced free of charge. The Rural and Shreffler are built to handle husked corn only; the Eureks and Cylinder machines are made in both types, to handle either shuck or husked corn.

#### THE RURAL

is intended for small mills and warehouses, or for farmers who desire a small machine for their own shelling. Used with either hand or belt power (hand feed and self feed), capacities 25 to 50 and 65 to 100 bushels shelled corn per hour respectively. Speed should be 500 to 700, and 700 to 800 R.P.M. of the balance wheel respectively. The Rural machines have been built by this company for over 65 years.

#### THE SELF FEED RURAL

requires a 4 H.P. has engine, and can be equipped with self feeder, sacker, cobstacker, elevator, and mountings. The belt pulley is 7 in. in diameter. Shelling performed by feed wheels, stripping wheels, picker wheels and ratchet castings. Corn is forced into sheller by two sets of beaters, one above and one below; shelling process similar to Eureks as shown in catalog.

#### EUREKA IRONSIDES

The Eureka is made in 2, 4, and 6 hole sizes, all using the same principle of construction. The capacities are increased in proportion to the number of holes, viz., 2-hole, 100 to 150, 4-hole, 200 to 300, 6-hole, 300 to 450 bushels shelled corn per hour. Speed should be 1000 to 1100 R.P.M. of the balance wheel. They require a 6 H.P., 10 H.P., and 12 H. P. gasoline engine respectively. Equipped with 8 in. diameter belt pulley. Can be equipped with all the latest improvements. Shelling process explained in detail on page 11 of general catalog, page 10 of special spring sheller catalog. By studying the skeleton view you can obtain a good general idea of the operation of the different parts, and their functioning in shelling the corn. The Eureka machines have been manufactured by us for over a half century.

#### THE SHREFFLER IRONSIDES

is made in 4 and 6 hole sizes, and is the same as the Eureka in capacity, power required, equipment, and shelling process. It differs from the Eureka in its separation after the shelling has

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been completed, the cobstacker and mounting frames, and its speed, which should be 900 to 1000 R. P. M. of the balance wheel. The separation is performed by means of a continuously moving apron, made of 1/4 in. steel rods, which carries of the cobs, husks, etc., allowing the corn to fall thru upon an oscillating screen, which removes the small pieces of cobs and leaves the corn cleaned ready for market. A cleaning fan blowing over the sieve removes the fine particles which otherwise would fall thru with the corn. The sieve used is 6 in. longer and has a 1 1/2 in. stroke instead of 2 in. stroke, as in other shoe machines, enabling the sheller to be run at a greater speed, and obtaining greater capacity than the ordinary shoe or shaker machine.

#### NO. 1, NO. 2 AND BIG 4 CYLINDER SHUCK SHELLERS

No. 1 and No. 2 built either as down or mounted machines, for warehouses or work in the field; Big 4 built as warehouse machine only. Capacity 60 to 100, 125 to 200, and 200 to 400 bushels shelled corn respectively, and should be run at 700 to 750 R.P.M. off the main cylinder shaft. 12 to 15 H.P. has, 25 to 30 H.P. gas, and 16 to 20 H.P. steam required respectively, equipped with 12, 14, and 16 in. drive pulleys. Regular equipment includes suction fun for removing the dust and blowing it away from the machine; they can also be equipped with extension feeder, cobstacker, wagon box elevator or sacker. The shelling is performed by means of a shaft having keyed on it a series of beaters, and set in a cylinder cage made of long steel rods and steel rings. The beaters rotate the corn thereby shelling it, and at the same time forcing the ears toward the discharge end of the cage where, after being thoroughly shelled, they are forced out. The slide damper should be regulated according to the condition of the corn.

#### NEW NO. 1. NEW NO. 2, AND NEW BIG 4 CYLINDER SHELLERS

These are built as either down or mounted machines, capacity, 250 to 400, 500 to 800; and 800 to 1500 bushels shelled corn per hour respectively. They should be run at 700 to 750 R. P. M. of the main cylinder shaft, and require 15 H. P. has, 25 of 30 H.P. gas, and 16 H.P. steam, respectively. Equipped the same as the cylinder shuck shellers. The same principle is used in the shelling process, the cylinder cage being somewhat different, and the shaft and beaters having a different construction. For a careful description of the shelling process, see pages 46 and 47 of the large yellow catalog, and pages 9 and 10 of the small cylinder sheller catalog. The Joliet Cylinder Shellers have proven to be the most compact, efficient and durable cylinder shellers on the market.