

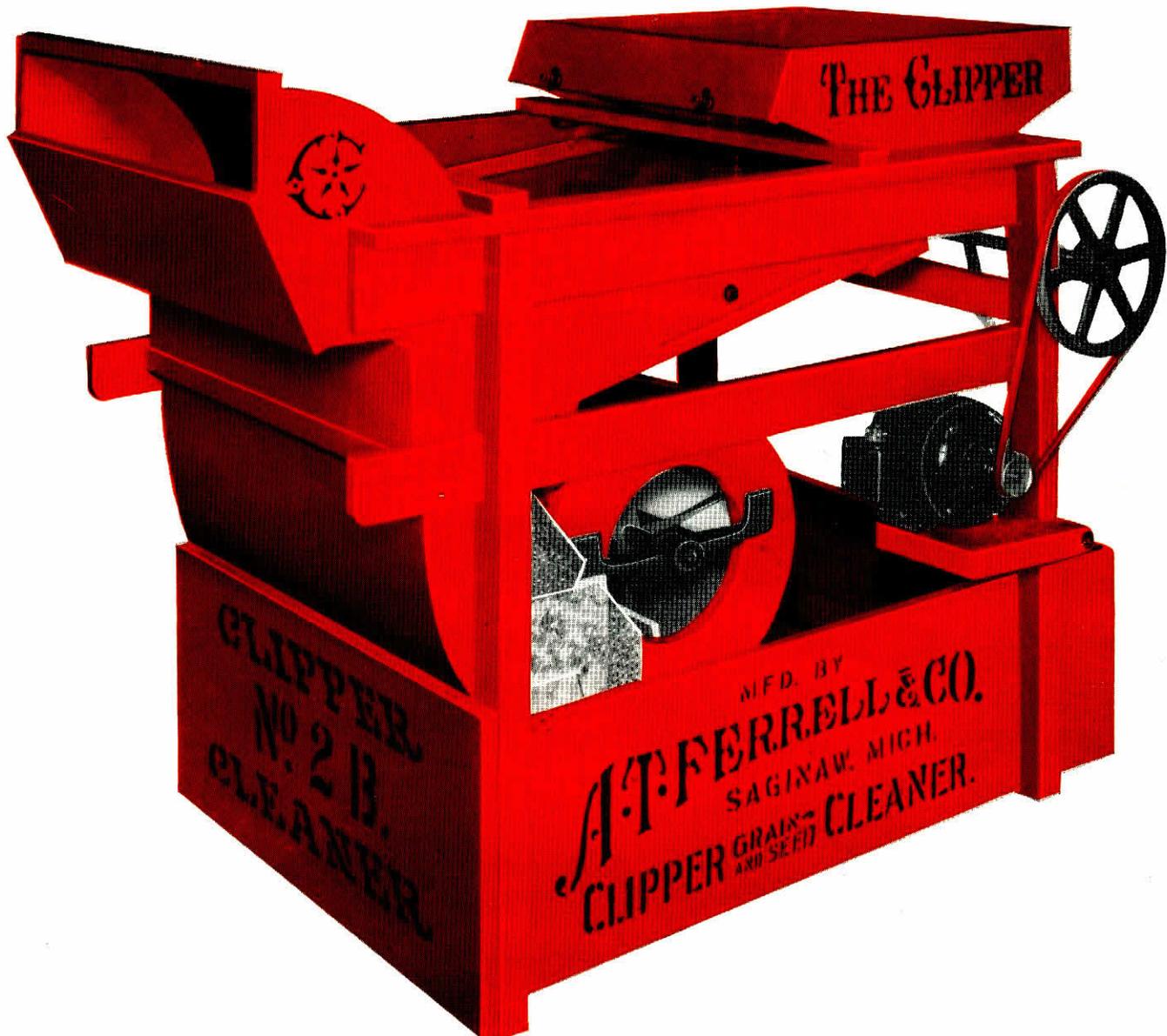
THE CLIPPER

*Farm Grain and Seed
Cleaner*



A. T. FERRELL & CO.
SAGINAW, MICHIGAN

CLIPPER Farm Grain



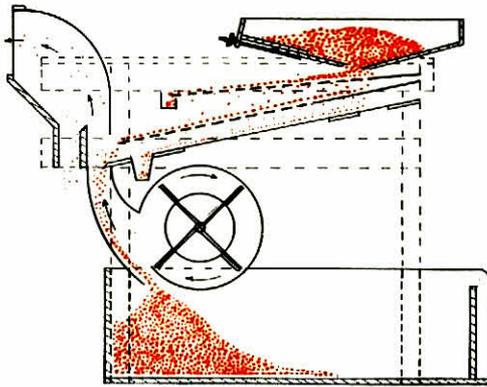
SHOWING CLEANER WITH ELECTRIC MOTOR

6 Outstanding Clipper Features

1. VERTICAL AIR BLAST.
2. THREE SPEED FAN.
3. THREE CLEANING OPERATIONS.
4. LIFETIME CONSTRUCTION.
5. BIG CAPACITY.
6. TWELVE SCREEN EQUIPMENT.

The twelve screens furnished with each Clipper Cleaner will clean Wheat, Oats, Barley, Rye, Red and Alsike Clovers, Alfalfa, Sweet Clover, Timothy, Millet, Flax, Peas, Beans, Cow Peas, Soy Beans, Clover containing Buckhorn, Plantain or Ripple, Timothy containing Pepper Grass and Sorrell, Cane Seed, Milo Maize, Kaffir Corn, Seed Corn (cleaning and grading) and separating Corn from Oats. All screens may be used in either top or bottom position.

and Seed Cleaners



The CLIPPER Principle

Clipper Farm Cleaners are built on the same principle and exactly like (except for size) the large Clipper Cleaners used by practically every seed house and elevator in the country. They do exactly the same quality of work, but have much smaller capacity. Turning the crank vibrates a shoe which carries two screens, eight times per revolution, and also drives the blast fan at any one of three speeds. The blast of the fan can be further regulated by two slide valves and by turning the crank faster or slower.

In operation grain or seed is fed into the hopper and flows in a closely regulated stream on to the top or scalper screen where large bulky waste is screened off, while the good grain passes through and on to the lower screen where dirt, undersized kernels and foreign material are screened off. The good grain passes over the bottom screen and into the Vertical Air Column of the blast fan where light weight, shrunken or chaffy grains are blown out while the Clean, Plump, Full Sized kernels fall downward against the current of the air blast and into the good grain box. Thus in one passage through the cleaner the grain is subjected to two screen separations and one air separation to insure perfect cleaning.

MODEL 1B

Just the right size for hand operation. Has screens 19 by 22 $\frac{1}{4}$ inches and will clean from 10 to 20 bushels per hour. Has latest type feed hopper easily regulated by thumb screw, reliable type grain agitator, gear drive to shaker shaft, three step pulley drive for blast fan and five bushel grain box. Comes complete with 12 interchangeable screens, hand crank and power pulley. Requires 1/6 H.P. Can be furnished with electric motor and V belt drive installed.

Dimensions — Length, 4 ft 8 in.; width, 3 ft.; height, 3 ft. 8 in. Shipping weight, 185 lbs.

MODEL 2B SPECIAL (2B WITH BAGGING ELEVATOR)

This model consists of a Special No. 2B with all equipment as described above except grain box, plus a built in elevator to raise the cleaned grain to the proper height to flow directly into bags without shoveling or any handling whatever. The frame of the cleaner is built higher so that the clean grain can flow from the bottom of the fan into the elevator.

The elevator is driven from the shaker shaft by means of a belt and consists of a series of metal cups mounted on a chain running over sprockets at the top and bottom. Adjustable bearings are provided for taking up the stretch in the chain, and a clean out opening is fitted into the bottom. The bagging spout has a shut off slide. Shipped separate from cleaner, but easily bolted in place. All bolts, braces, spouts, elevator belt and pulley furnished.

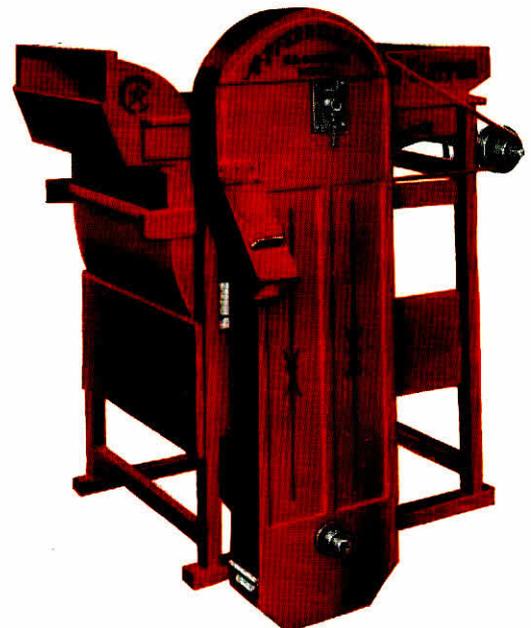
Can not be hand operated. Requires $\frac{1}{4}$ horsepower. Can be furnished with electric motor and V belt drive installed.

4 ft. 8 in. long, 5 ft. wide, 5 ft. 4 in high. Weight, 400 lbs.

MODEL 2B

A larger size for hand operation over short periods or power driven for continuous duty. Has screens 25x22 inches and will clean from 15 to 25 bushels per hour. Has latest type hopper with feed easily regulated by thumb screw, reliable type grain agitator, gear drive to shaker shaft, three step pulley drive for blast fan and five bushel grain box. Comes complete with 12 interchangeable screens, hand crank and power drive pulley. Requires $\frac{1}{4}$ H.P. Can be furnished with electric motor and V belt drive installed.

Dimensions — Length, 4 ft. 8 in.; width, 3 ft. 6 in.; height, 3 ft. 8 in.; shipping weight, 210 lbs.



Model 2B Special

CLIPPER FARM CLEANERS

CONSTRUCTION

Clipper Cleaners are justly famous in all America as the original farm cleaner to employ the principle of a vertical air blast combined with shaking screens. For fifty years the name Clipper has stood for the very peak of excellence in grain cleaning performance as well as superior mechanical construction and design.

Clipper Cleaners are built to last a lifetime. They do. A large majority of the Clippers built before 1900 are now serving a second generation on American farms. Quality materials plus expert workmanship have made such a record possible. Selected hard and soft woods, three coats of paint, cold rolled shafting, heavy castings and screens of highest quality sheet zinc are combined to make CLIPPER Cleaners the outstanding value in farm equipment today.

You Need This CLIPPER Cleaner Now.

Read what leading Farm Editors say:

Cleaning Seed Grain. There is no more important duty associated with farm work and farm management than the securing of perfectly pure seed — seed all of its own kind, that is free from foreign substances, dirt, weed seed, other grain seeds and all imperfections. There is no occasion in these times of seed cleaners and seed graders, to sow in seeding for any crop anything but the best quality of seed.

The difficulties encountered in germination, in getting seeds properly planted, in the right condition of soil, depth, etc., are certainly a sufficient handicap without introducing the added embarrassments of impurity and dirty seed when this feature is so easily remedied and entirely in the hands of the one having the direction and management of the farm.

Every farm should be supplied with an up-to-date cleaner and grader. There is no greater money saver on the farm.

It is almost impossible to get seed that will not be greatly improved by running it through the cleaner in your own barn. It is practically a crime to distribute noxious weed seeds on your land to later become a menace and nuisance to your neighborhood.

Buy a machine and use it in all your planting and sowing. It will be one of the best investments made for the farm. — Editorial.

What is Good Seed? The term "Good Seed" may convey different ideas to different people. To the practical farmer, however, good seed means clean, pure, strong seed, capable of germinating and producing a maximum crop of good quality.

Extensive experiments have been made by the Experiment Stations to determine the relative yielding power of heavy and lightweight kernels, and the universal result has been a decided increase in yield where the heavy, plump seed is sown.

If a grower producing 1000 bushels of grain needs 100 bushels for seed and can select the best 100 bushels out of the 1000 bushels, it is evident that he will get pretty choice seed. By using a modern fanning mill or seed cleaner and grader, 100 bushels of the heaviest and plumpest seed may be selected from either 200 bushels or 1000 bushels and good seed secured — at a cost so low as to make the use of poor seed seem ridiculous.

There is no better or safer way of securing good seed for the great bulk of the crops grown on the farm than selecting it from grain grown thereon in the above way. In this way the yield can be increased to the maximum degree. — Editorial.

REMEMBER — You will pay Ten Times the cost of a CLIPPER in loss of yield, weed control labor, and poor quality of your crop if you plant uncleaned seed.

Don't Hesitate — Mail your order for a CLIPPER Cleaner today.

A. T. FERRELL & CO.

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