

COMPLETE GRAIN DRYING SYSTEMS

MEYER MORTON DRYERS

MODEL 400 CONTINUOUS FLOW DRYER FEATURES:

Completely automatic moisture control eliminates any possibility of wet spots in dry storage through constant monitoring of the grain. Finished grain is uniformly dried to the highest quality. The Meyer Moisture-Manager™ compensates automatically to any change in moisture content of grain being dried. This prevents over drying grain when a load of drier grain immediately follows a wet load.

Unique positive metering system with fewer moving parts is literally the "heart" of a Meyer Dryer's operation. A variable speed DC motor, controlled by the Moisture-Manager™, prevents clogging, cracking or crushing of the grain. It automatically and gently unloads the grain at the proper moisture content.

Easy access feature to interior of dryer and metering system facilitates easy cleaning and maintenance.

High strength commercial grade, 18 gauge, 1 1/4 oz. galvanized steel with 2 coats of baked-on Silicone paint on exterior perforated sheets is used in construction to assure years of dependable service.

Low cost operation. Low initial purchase cost, the saving on job-site erection costs, lower fuel costs through use of low pressure gas burners, high efficiency fans that require low H.P. motors, and baked-on silicone finish for extended life of the dryer.

Electric or PTO drives available.



MODEL 350 RECIRCULATING BATCH DRYER FEATURES:

Uniform grain flow for higher quality dried grain. The Model 350 combines the efficiency of a round bin with a cone-shaped bottom, a double-coned steep-slant interplenum, a large vertical 12" auger, and an exclusive auger-feeder to provide positive metering, uniform flow, and drying of all grain. This design permits better circulation at slower speeds for gentle grain handling and a superior quality dried grain.

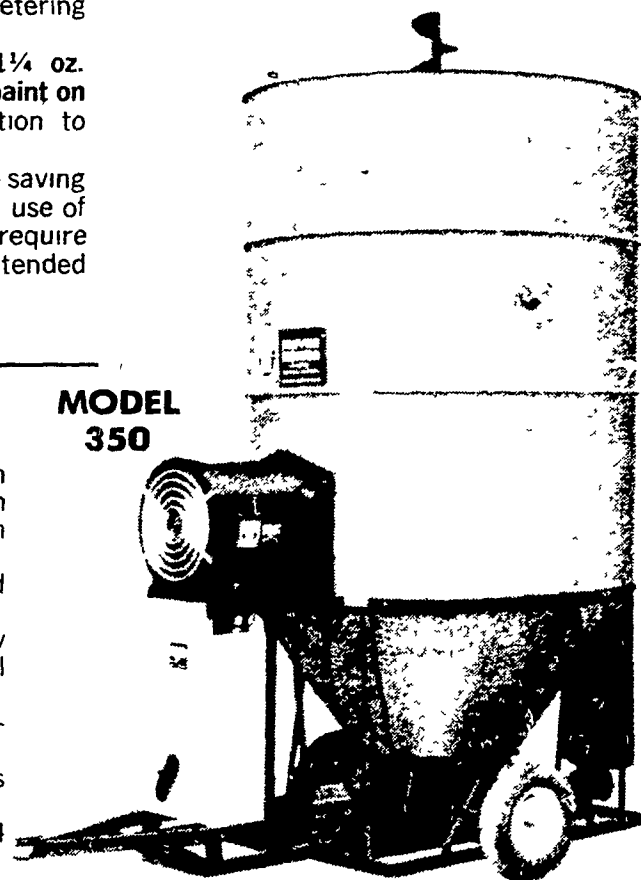
Economical design and operation. The Model 350 design reduces fabrication, eliminates many parts and requires fewer drive mechanisms — thus lowering initial cost, as well as operating and maintenance costs. The gas burner and fan force heated air into plenum. High and low air heat cycles, that are automatically controlled and baffled, prevent overheating grain. 3/32" round hole perforations in plenum chamber wall and outer bin wall allow heated air to pass uniformly through grain column to remove grain moisture.

Automatic safety controls. The Model 350 is exceptionally well protected without any relays or complicated controls requiring constant critical adjustment.

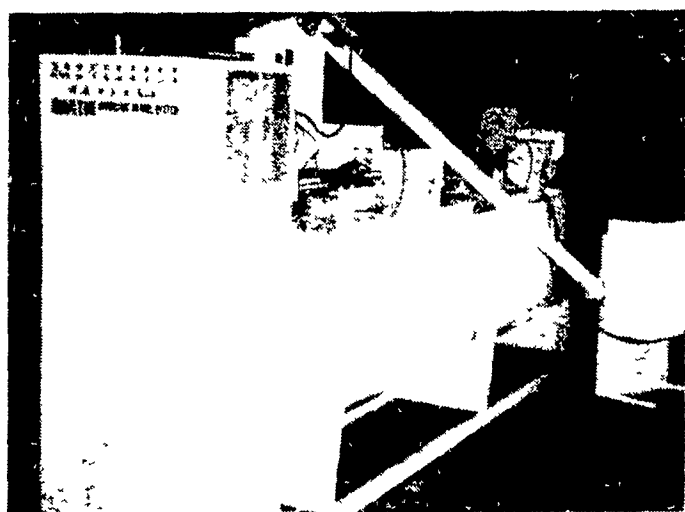
A rugged, fast loading auger-conveyor is standard equipment to feed grain into center auger that loads dryer and recirculates the grain.

The Model 350 is completely portable to field or drying location. Requires only a 3 bottom plow rated tractor P.T.O. with a 6 or 12 volt battery and an L.P. tank for operation.

MODEL 350



MAKE YOUR OWN FUEL FOR 60¢ A GAL!



The Martin Ag-Fuel System (shown in the photo) will be at the Pa. Farm Show, Jan. 12-16. Also on display will be a manually operated, low priced batch unit. Both systems are constructed of stainless steel, copper, plastic and other non-corrosive materials in order to provide long life and satisfactory operation by resisting rust and bacteria malfunctions.

Come to the Farm Show and see a space heater in operation at our booth producing clean heat by using low-cost ag fuel (ethonal).

The Martin Automatic Ag-Fuel System is a completely automatic continuous flow system. Various sizes up to 5000 gallons per day will be capable of producing 100 to 190 proof ethanol 24 hrs. a day without any baby-sitting.

It automatically augers the grain from a storage bin to a small hammermill. The ground grain, water and enzyme are metered into the cooker along with lime to adjust the P.H. After cooking the slurry, it is cooled and more enzymes and yeast are added. After fermentation the solids are separated and squeezed to a low moisture, high protein meal, ready for feeding, or it can be dried and stored.

The ethonal-water liquid is strained and distilled by positive proof control. The ag-fuel (ethonal) flows into a supply tank while the water is recycled back to the cooker and additional water is added as needed.

Through the use of internal heat exchangers, the Martin Automatic Ag-Fuel System uses only 5200 BTU per gallon of fuel produced.

We know of no other system like it, so why continue to pay high gasoline and gasohol prices when you can make your own fuel for 60¢ a gallon?

SEE ALL THIS IN THE GSI GRAIN BIN AT OUR OUTSIDE DISPLAY BOOTH NUMBERS 27, 28, 29, 30, 31 and 32

MARTIN DISTRIBUTORS, INC.

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