



# 14 HAMMER MILL



JOHN DEERE

## OPERATORS MANUAL 14 HAMMER MILL

OMC13825 F5 English



**OMC13825 F5**

LITHO IN THE U.S.A.  
ENGLISH

## TO THE PURCHASER

Grinding your own feed with a John Deere 14 Hammer Mill is an easy and practical way to cut feeding costs and increase feeding profits.

The 14 Hammer Mill does a fast, low-cost job of grinding ear corn, shelled corn, small grains, seed crops, cured hay, and fodder. You may select a stationary, belt- or motor-driven or popular PTO-driven model, equipped with either reversible, heat-treated, or special hard-surfaced hammers.

John Deere engineers have designed this equipment to give you many years of satisfactory service. However, it must be cared for and operated properly in order to take full advantage of the high quality engineering built into the equipment. **Read this manual carefully.** The operator who does so has a **big** advantage—he knows his equipment, how to operate it safely, and how to obtain superior performance from it on the job.

Several critical items must be observed while you are using and caring for your hammer mill. Feed it in accordance with the power available for operating it. Do not overload it. Also be sure to check the hammers for wear periodically and lubricate it properly with the type of grease recommended.



### LOCATION REFERENCES.

All references in this manual to “front” and “rear” of the equipment are determined by standing at the feed table (rear) facing in the direction of the hood lock (front). The “right-hand” side is the pulley side of the mill, and the “left-hand” side is the fan side.

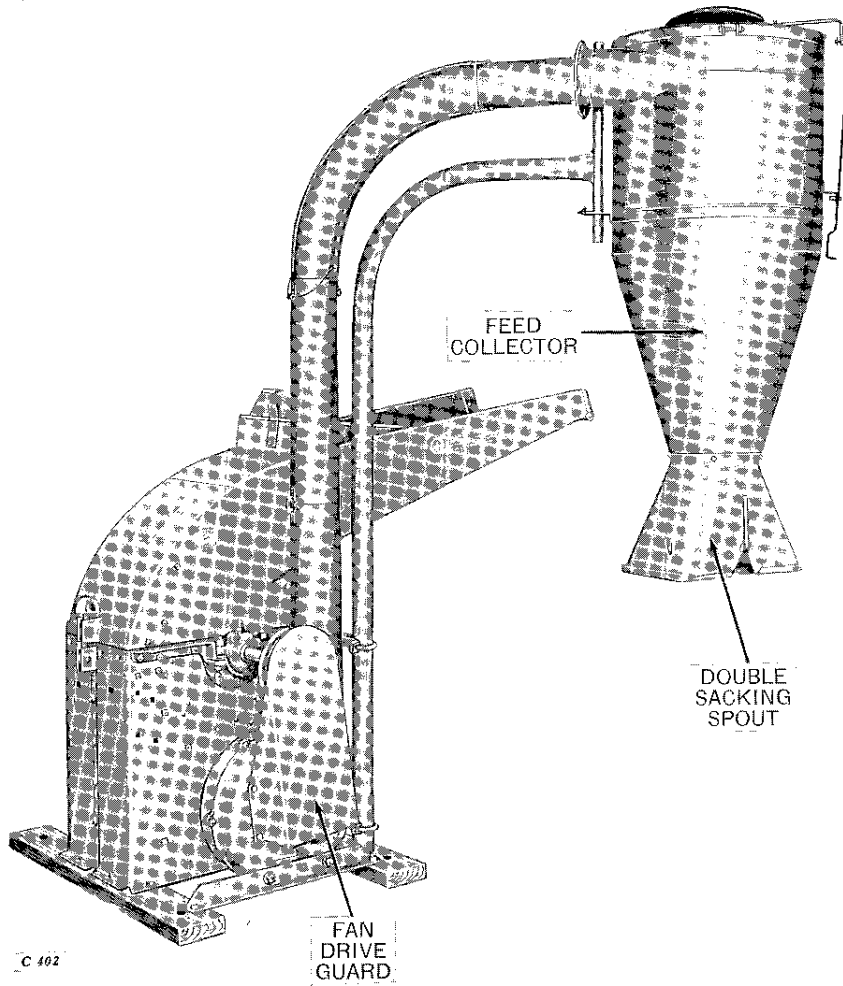
### SERIAL NUMBER.

Record the serial number of your hammer mill and the purchase date below. Do it **NOW**—it will save time later. You will find the serial number stamped on a metal tag located on the body under the feed table. This number is of prime importance when ordering parts from your John Deere dealer.

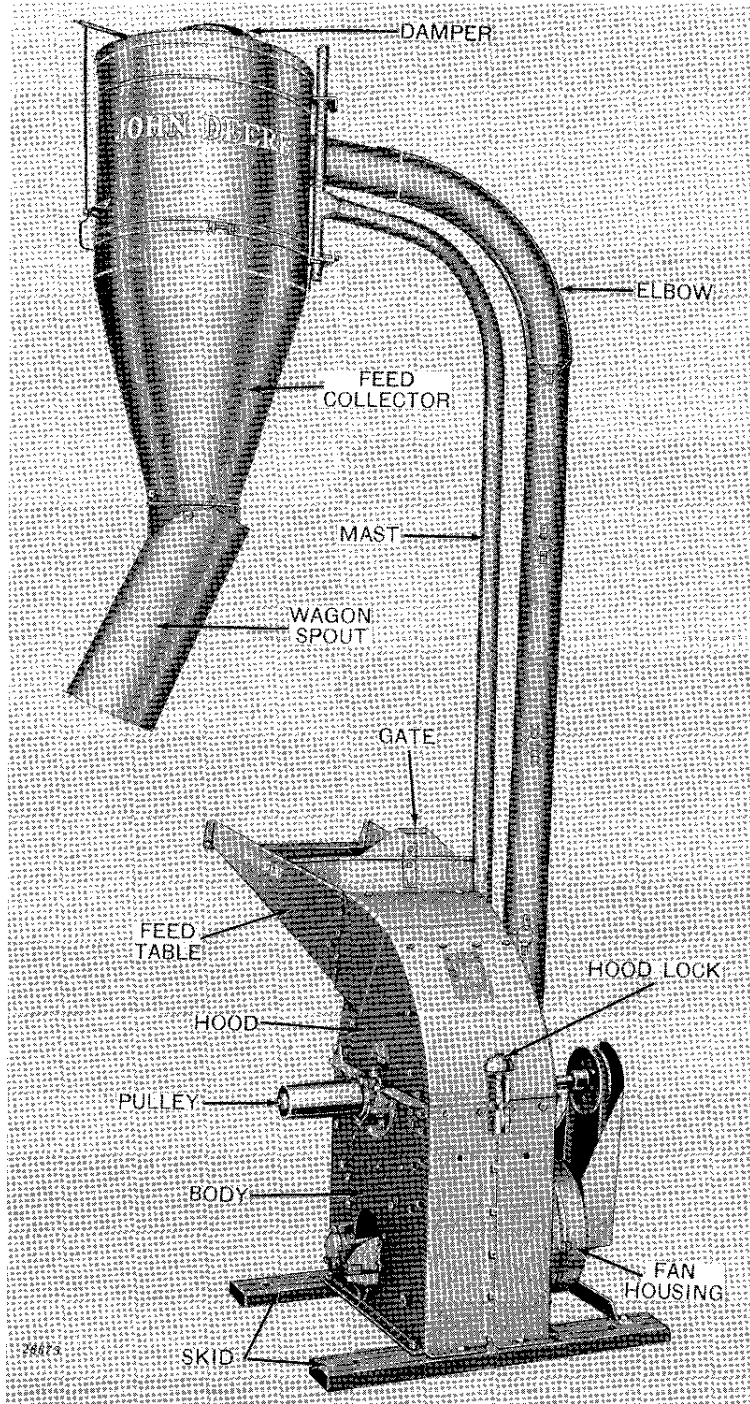
Serial Number ..... Date of Purchase .....

## TABLE OF CONTENTS

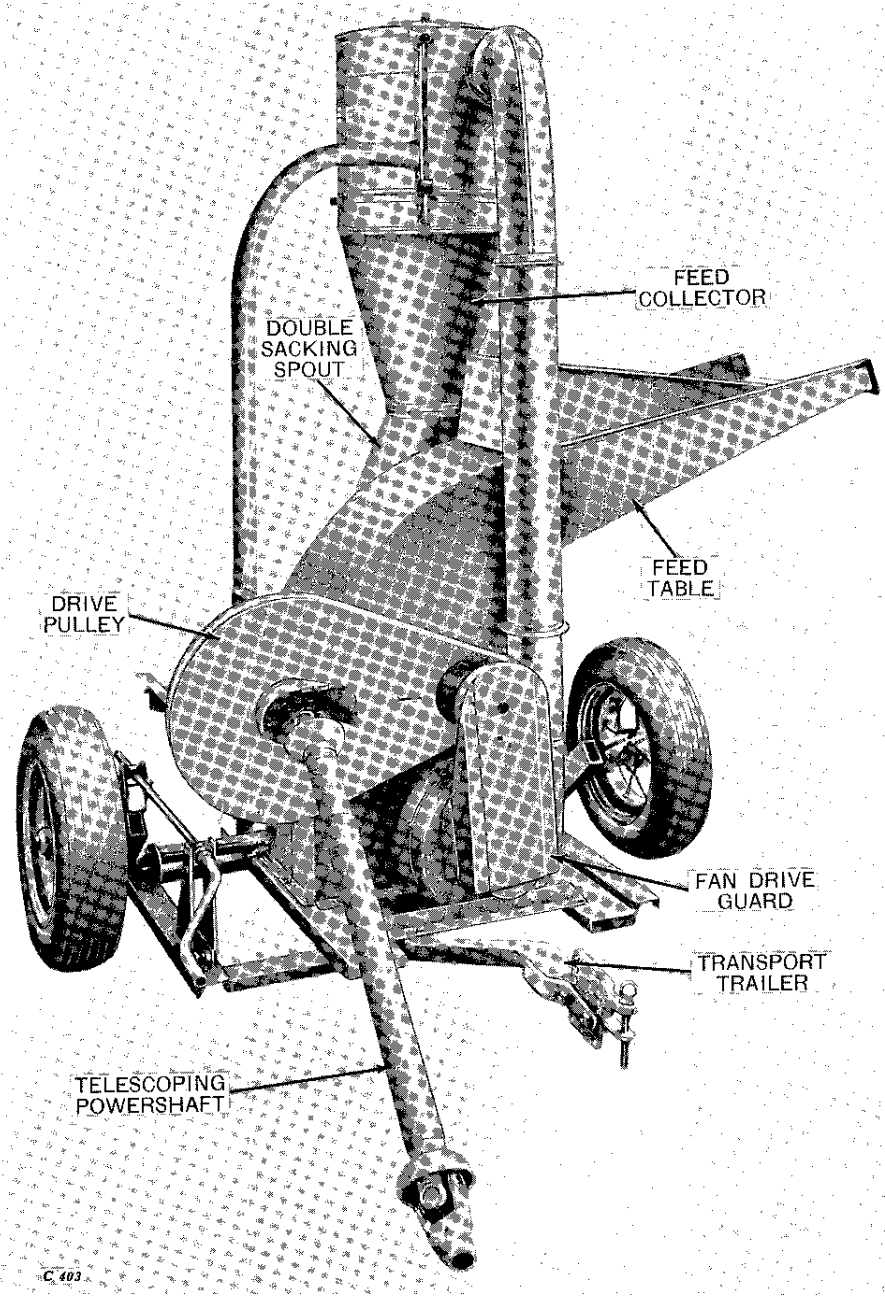
	<i>Page</i>
SPECIFICATIONS.....	6
OPERATION AND ADJUSTMENT.....	8
Installing Anchor Stakes.....	8
Drive Belt.....	8
Changing Drive Pulleys.....	9
Adjusting Fan Belt and Sheaves.....	9
Selecting Proper Pulley Size.....	10
Using V-Belt Main Drive.....	14
Power Take-Off Drive.....	15
Aligning Powershaft.....	16
Adjusting Drive Belt for PTO Drive.....	17
Mill Speed.....	17
Guards.....	17
Spinner Shields.....	17
Replacing Spinner Shield Bearings.....	18
Feeding the Mill.....	18
Feed Control Gate.....	19
Screen.....	19
Changing Screen.....	20
Use of Screens.....	20
Screens to Use for Various Materials.....	21
Double Sacking Spout.....	22
Air Control Damper.....	22
Safety Flap.....	22
Blower Pipe.....	23
Hammers.....	24
Converting Mill for Use with 1000 rpm Tractor PTO Drive.....	25
Transport Trailer.....	27
Transporting.....	27
LUBRICATION.....	28
SHIPPING BUNDLES.....	30
ASSEMBLY.....	33
Body.....	33
Feed Table.....	33
Feed Collector and Support.....	34
Blower Pipe.....	35
540 or 1000 rpm Power Take-Off Drive.....	36
Transport Trailer.....	41
Reflective Tape.....	43



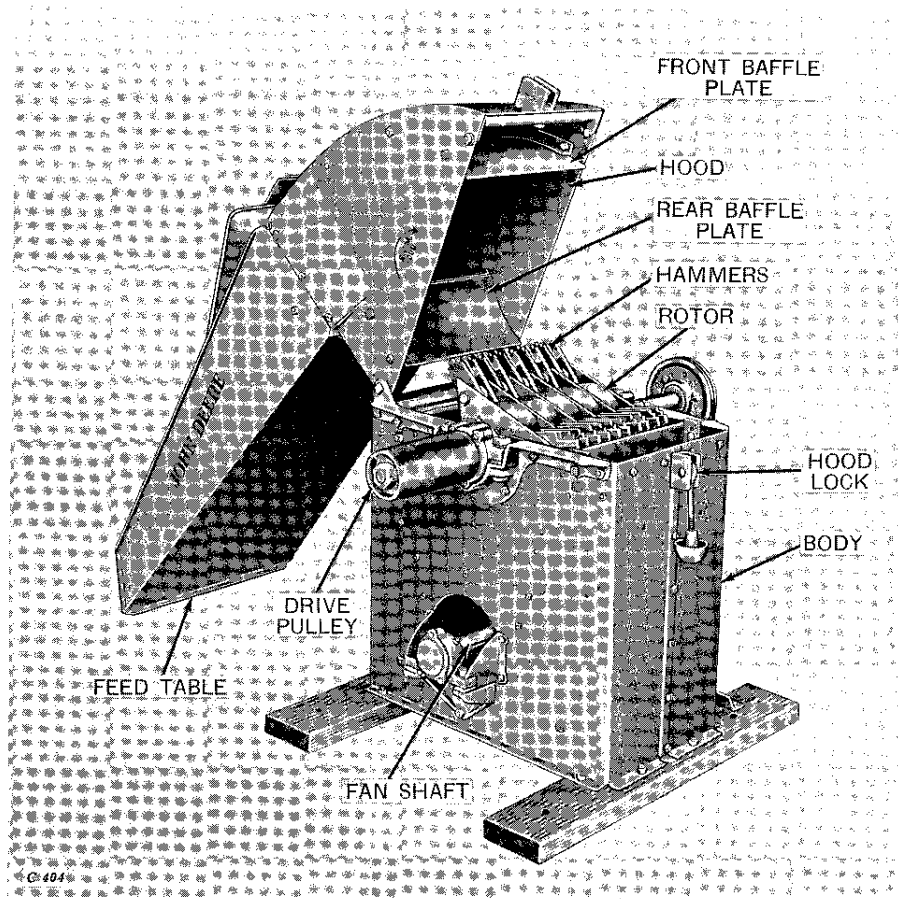
**14 Hammer Mill (Left-Hand Side) with Feed Collector and Double Sacking Spout**



*14 Hammer Mill (Right-Hand Side) with Feed Collector and Wagon Spout*



**14 Hammer Mill (Left-Hand Side) with Feed Collector, Double Sacking Spout, Transport Trailer, and Telescoping Powershaft**



**14 Hammer Mill (Right-Hand Side) Showing Internal Construction**

## SPECIFICATIONS

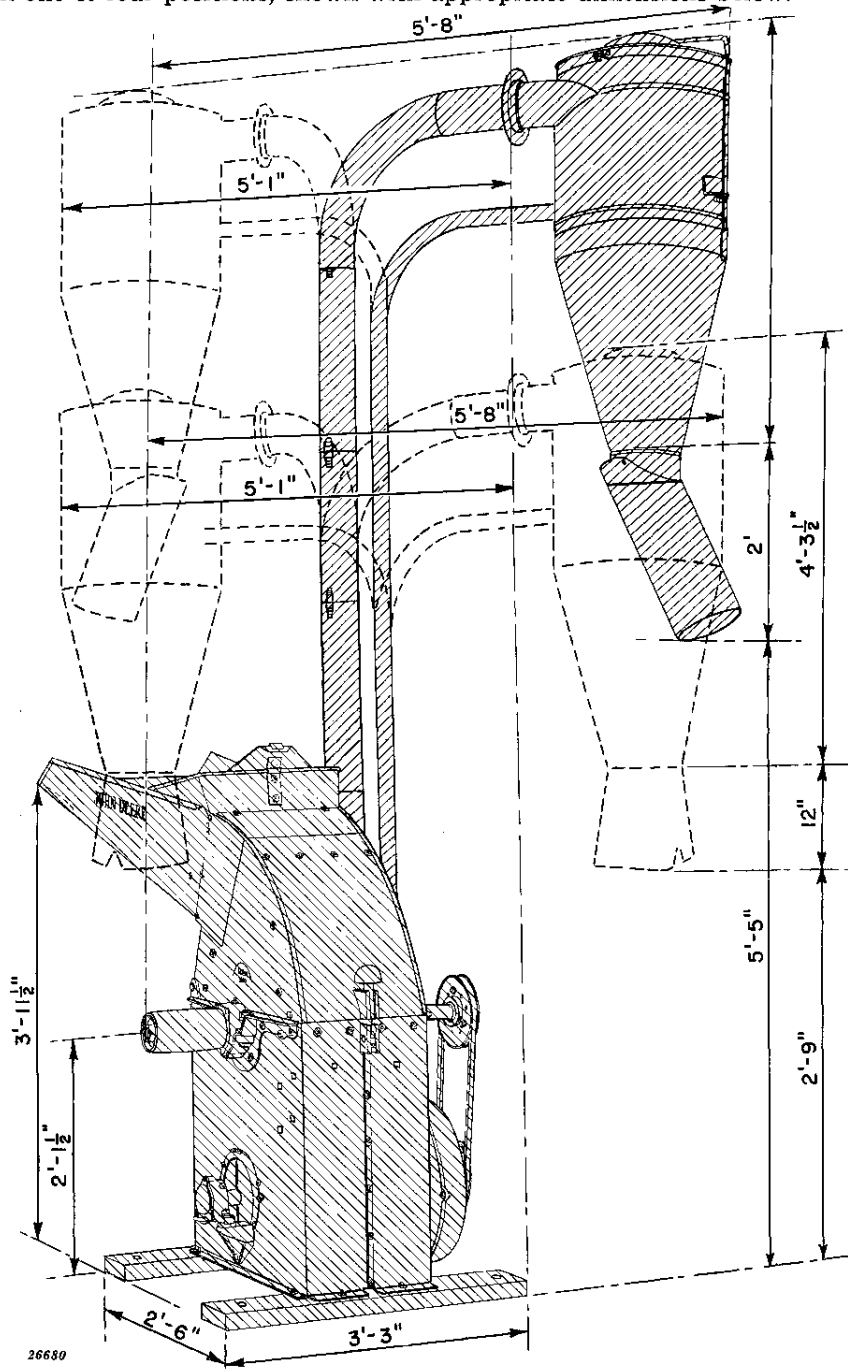
- MILL SPEED**..... 3000 to 3300 rpm.
- DRIVE**..... Belt pulley, power take-off, gasoline engine, or electric motor.
- POWER REQUIRED**..... **Belt Pulley Drive**—John Deere “530” or larger tractor or other tractor of similar horsepower (see pages 10-13).  
**PTO Drive**—John Deere “1010” or larger tractor or other tractor of similar horsepower (see page 15).  
**Engine or Motor Drive**—15 (minimum) to 25 h.p., higher horsepower if mill is to be used extensively (see page 14).
- HAMMERS**..... Heat-treated and hardened type or special hard-surfaced type, total of 30.
- ROTOR**..... Small diameter on heavy-duty ball bearings.
- SCREENS**..... Round and square holes in wide range of sizes (see page 21).
- FAN**..... Extra heavy and powerful, capable of delivering material up to 60 feet if necessary.
- FEED COLLECTOR**..... Used with double sacking spout or wagon spout.
- TRANSPORT TRAILER**.. Available as extra equipment to facilitate transporting and setting.

*(Specifications and design subject to change without notice.)*



**SPACE REQUIREMENTS**

If your hammer mill is to be placed permanently in a crib or granary, it must meet certain space requirements. The feed collector may be placed in one of four positions, shown with appropriate dimensions below.



Thank you so much for reading.  
Please click the “Buy Now!”  
button below to download the  
complete manual.



After you pay.

You can download the most  
perfect and complete manual in  
the world immediately.

Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)