

# 110 "CHUCK WAGON" MIXER-FEEDER

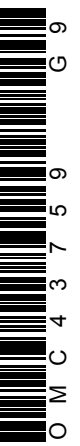


## OPERATORS MANUAL 110 "CHUCK WAGON" MIXER-FEEDER

OMC43759 G9 English

**OMC43759 G9**

LITHO IN THE U.S.A.  
ENGLISH



## TO THE PURCHASER

This manual covers operation and service instructions for the John Deere 110 "Chuck Wagon" Mixer-Feeder.

The machine is strongly built to withstand all-weather use and the abuse of cattle feeding chores in muddy feed lots. However, the life and performance of your wagon will depend largely on the care given it by the operator. Read this manual carefully to become fully acquainted with the different phases of its operation. If additional information is needed, see your John Deere dealer.

Lubrication is very important. Study the lubrication chart on page 18 and lubricate the working parts as instructed. If a grease fitting becomes lost or damaged, replace it immediately.

When in need of parts, see your John Deere dealer. He is equipped to provide genuine replacement parts which will maintain the life and satisfactory performance of your "Chuck Wagon" Mixer-Feeder.

## LOCATION REFERENCE

Right-hand and left-hand reference is determined by standing at the rear of the "Chuck Wagon" Mixer-Feeder and facing the forward direction of travel.

## IDENTIFICATION

Before you forget, fill in the information below.

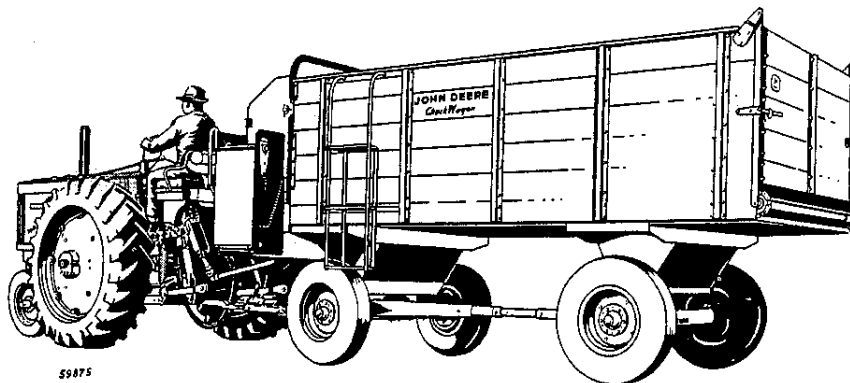
Serial No. ....

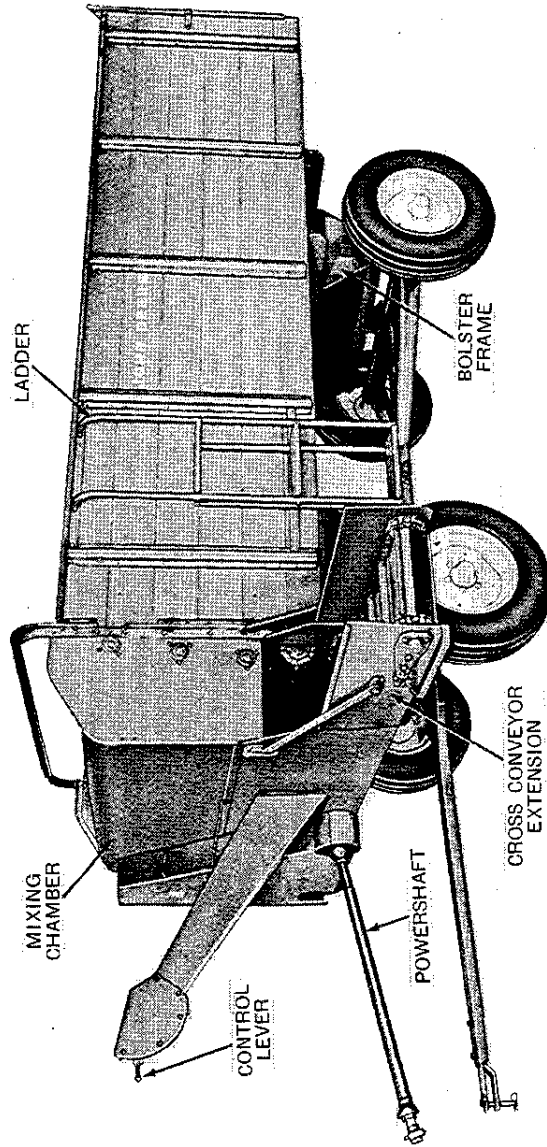
(The serial number plate is located on the lower side board near the front of the right-hand side.)

Date Purchased. ....

## CONTENTS

	<i>Page</i>
Specifications .....	3
Operation .....	4-12
Uses .....	4
Capacity .....	4
Controls .....	5
Beaters .....	6
Cross Conveyor .....	7
Apron Conveyor and Beater Drive Chains .....	8
Safety Suggestions .....	8
Main Drive .....	9
Apron Conveyor Drive .....	10
Endgate .....	11
Extension Side Boards .....	11
Transporting .....	12
Lubrication .....	18-19
Converting from 540 to 1000 rpm PTO Drive .....	13-17
Removing Powershaft, Drive Belt, and Sheave .....	13
Main Shaft .....	14
Assembling and Installing Jackshaft .....	15-17
Service .....	20
Stop Pawls for Apron Conveyor .....	20
Apron Conveyor .....	20





*John Deere 110 "Chuck Wagon" Mixer-Feeder and 963 Wagon*

C 175

## SPECIFICATIONS

Over-All Width (In Transport Position).....	92"
Over-All Height	
Mounted on 963 or 1064 Wagon.....	96"
With Side and Rear Extensions.....	103"
Over-All Length	
With Tractor Control.....	206"
With Truck Control.....	176"
Box Interior Dimensions	
Width.....	71"
Length.....	142"
Length (Including Mixing Chamber).....	160"
Height.....	36"
Height (With Extension Sideboards).....	57-1/2"
Capacity.....	168 bushels
Capacity (With Extensions).....	269 bushels
Silage.....	7000 lbs.
Speeds (At PTO Speed of 540 or 1000 rpm). If the tractor is operated at reduced throttle, the conveyor speeds will be proportionately lower.	
Cross Conveyor.....	325 rpm or 362 fpm
Main Apron Conveyor (Either Forward or Reverse)	
(1) Notch.....	2.4 fpm
(2) Notches.....	4.8 fpm
(3) Notches.....	7.2 fpm
(4) Notches.....	9.6 fpm
(5) Notches.....	12.0 fpm
Weight—Basic "Chuck Wagon" Mixer-Feeder (Less bolster frames, main drive shaft, apron control, and sideboard extensions).....	
	1950 lbs.
Bolster Frames.....	300 lbs.
Main Drive Shaft (PTO).....	27 lbs.
Truck Control.....	17 lbs.
Tractor Control.....	49 lbs.
Side and Backboard Extensions.....	184 lbs.

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

## DESCRIPTION

### USES

The John Deere 110 "Chuck Wagon" Mixer-Feeder is designed to mix feeds and deliver the feed directly into feed bunks, using the side-delivery conveyor. It can be used to haul forage from the field and, by using the side-delivery conveyor, discharge into elevators or blowers. Forage can also be unloaded from the rear of the Mixer-Feeder by reversing the direction of travel of the apron conveyor. Other uses include hauling baled hay, chopped hay and straw.

### PTO OPERATION

The 110 Chuck Wagon may be operated with a tractor equipped with either 540 or 1000 rpm PTO drive. Operating instructions are the same for both 540 and 1000 rpm with the exception of placing the telescoping powershaft to the drive shaft of the Chuck Wagon. When the Chuck Wagon is equipped for 1000 rpm, the powershaft must be attached to the jackshaft which is located directly beneath the rubber guard. See page 16.

Instructions for converting from 540 to 1000 rpm PTO operation are included on page 13.

### CAPACITY

The capacity of the basic box totals 210 cubic feet (168 bushels). When using the side and rear extension sideboards, the capacity becomes 337 cubic feet (269 bushels).

For maximum capacity and performance with tractor operation, it is recommended that the 110 "Chuck Wagon" Mixer-Feeder be mounted on either the John Deere 963 or 1064 Wagon equipped with rocking bolster or springs. The rated capacity when so installed is as follows:

On 963 or 1064 Wagon Equipped with 7:50 x 16—8-Ply Tires . . . 10,000 lbs. gross. (This capacity is permitted with 40 psi tire pressure and a maximum speed of 20 mph.)

The "Chuck Wagon" Mixer-Feeder will operate satisfactorily with smaller loads, when installed on the John Deere 953 Wagon. The rated capacity of this installation is as follows:

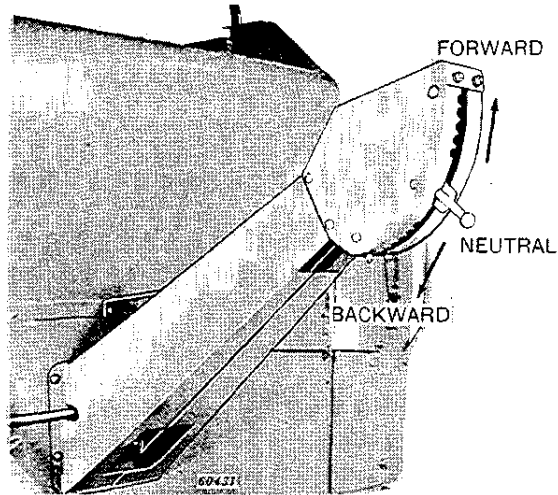
On 953 Wagon Equipped with 7:60 x 15—6-Ply Tires . . . 7,000 lbs. gross. (This capacity is permitted with 36 psi tire pressure and a maximum speed of 20 mph.)

If the 110 "Chuck Wagon" Mixer-Feeder is to be operated on a truck, its capacity is governed by the load carrying capacity of the truck tires.

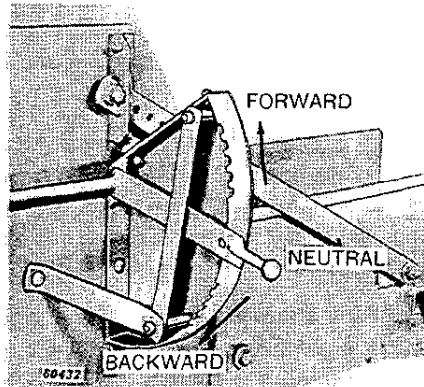
## OPERATION CONTROLS

Place the control lever in the center notch of the control lever assembly to locate it in neutral or "out of gear" position. To run the apron conveyor forward, move the operating lever upward. To run the conveyor chain backward for rear end unloading, move the operating lever downward.

Five forward speeds and five reverse speeds are provided and range from 2.4 feet per min. of apron travel to 12 feet per min., based on PTO shaft speed of 540 or 1000 rpm. Use the fourth or fifth notch primarily for cleaning out the wagon when nearly empty.



*Control Lever for Tractor Operation*



*Control Lever for Truck Operation*

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)