

483 AND 485 MOWER AND CONDITIONER



JOHN DEERE

OPERATORS MANUAL 483 AND 485 MOWER AND CONDITIONER

OME44809 K9 English

OME44809 K9

LITHO IN THE U.S.A.
ENGLISH



INTRODUCTION

Your new John Deere Mower and Conditioner is a dependable machine. With proper care and operation you can expect to receive the service and long life designed and built into it. Like any precision machine, it will require some attention at regular intervals. When any questions arise regarding lubrication and adjustments, etc., use your manual as a guide to service your machine the RIGHT WAY.

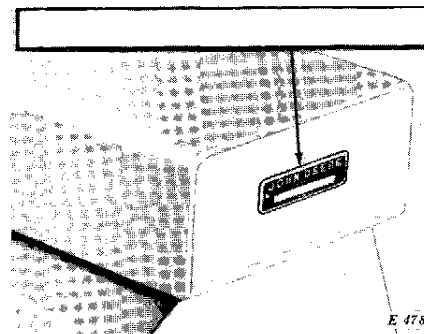
If you find yourself in need of additional information or special servicing not covered in this manual, see your John Deere dealer. He is in a position to answer your questions for you.

The warranty on this mower and conditioner appears on your copy of the purchase order which you should have received from your dealer when you purchased the mower and conditioner.

When in need of parts, either to replace worn parts or to make emergency repairs, see your local John Deere dealer.

When ordering parts give your dealer the model and serial number of your mower and conditioner. This information will help him give you prompt and efficient service.

The serial number of your mower and conditioner is located on the left side of the main frame. (Record it in the space below.)



CONTENTS

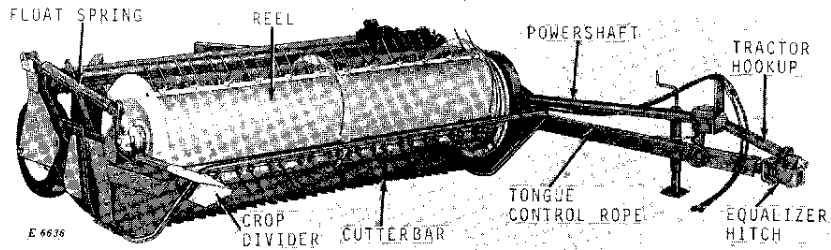
Specifications	1	Service	17-23
Identification Views	2	Trouble Shooting	23-25
Operation	3-12	Attachments	27-29
Safety Suggestions	11-12	Assembly	29-31
Storage	12	Index	32
Lubrication	13-15		

SPECIFICATIONS

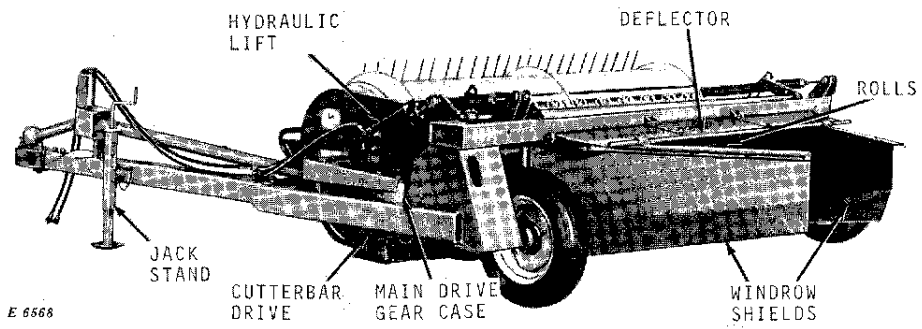
Operating speed	up to 7 mph
Length	12 ft. 5 in.
Width: Operating	12 ft. 11 in.
Transport	11 ft. 9 in.
Height	43 in.
Weight (Approximate)	483 - 2683 lbs.; 485 - 2718 lbs.
Width of Cut	8 ft. 9 in.
Size of Tractor Recommended	35 hp or larger
Power Take-Off	540 or 1000 rpm
Cutting Height	From 2 in. below ground level to 5 in. above ground level
Knife: Drive	Enclosed oil bath drive head
Speed	1400 strokes per minute
Stroke	3 in.
Cutterbar: Knife Guards	Forged steel
Sections	Overserrated chrome (standard) chromed underserrated and smooth also available
Reel: Speed	58 to 68 rpm
Drive	V-belt
Diameter	42 in.
Tooth Bars	4
Conditioner Rolls:	
Crusher: Length	103 in.
Diameter	7 in.
Speed	800 rpm
Construction	Rubber covered lower roll, spiral fluted steel upper roll
Crimper: Length	103 in.
Diameter	7-3/4 in.
Speed	758 rpm
Construction	Straight fluted steel
Wheels: Tire Size	5.90 - 15
Tire Pressure	28 psi
Bearings: Gear Case	4 tapered roller
Knife Drive	6 needle and 2 tapered roller
Rolls	4 self-aligning ball
Wheels	4 tapered roller

NOTE: Right- and left-hand sides referred to in this manual are determined from a position at the rear of the machine facing in the direction of travel.

(Specifications and design subject to change without notice.)



Right-Hand Front View of John Deere 485 (Crimper-Type Rolls) Mower and Conditioner



Left-Hand Rear View of John Deere 483 (Crusher-Type Rolls) Mower and Conditioner

OPERATION

DESCRIPTION

The 483 or 485 Mower and Conditioner cuts, conditions, and windrows in one trip around the field.

The Mower and Conditioner has a cutting width of 8 feet 9 inches. The pickup reel insures clean cutting and positive feeding of crops.

The conditioning rolls are designed to condition heavy stems and stalks and, at the same time, provide ample space for tender leaves and small stems to pass through the rolls without damage.

Crushing or crimping the stems permits moisture to escape from the stems at the same rate as from the leaves, providing a fast, uniform curing of the crop.

Under some conditions, the reaction of the crop will not show up immediately, but within an hour or two, the crop will begin to dry. This should be kept in mind when operating so unnecessary adjustments will not be made.

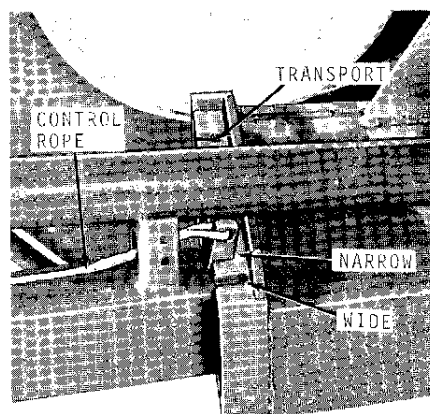
PREPARING MOWER AND CONDITIONER

Check tires for proper operating inflation pressure of 28 psi.

Do not start tractor until mower and conditioner has been carefully checked for correct assembly. See that all nuts are tight and cotter pins spread.

Be sure all moving parts work freely and are properly lubricated.

POSITIONING TONGUE



E 6569

The tongue can be placed in either of two operating positions, wide wheel or narrow wheel, or a transporting position. Pull the tongue locating control rope, set the tongue in desired position, and release the control rope.

PREPARING TRACTOR

Adjust tractor drawbar so it measures 14 inches (for 540 rpm PTO) or 16 inches (for 1000 rpm PTO) from end of PTO shaft to hitch pin hole in drawbar, and 6 to 12 inches from center of the PTO shaft to the top of drawbar. (See page 4.) The top of the rear end of the drawbar should be 13 to 17 inches from the ground. The drawbar hitch pin hole must be aligned vertically with the center line of the tractor PTO shaft.

Move right-hand tractor wheel in as necessary to prevent running over uncut crop.

Inflate tractor tires as specified in the tractor operator's manual.

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