

228 HAY CONDITIONER FOR THE 215A WINDROWER



JOHN DEERE

OPERATORS MANUAL 228 HAY CONDITIONER FOR THE 215A WINDROWER

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INTRODUCTION

Your new John Deere 228 Hay 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, your conditioner will require some attention at regular intervals. Use your manual as a guide to service your conditioner 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 capable of answering your questions and providing efficient service.

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

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

The serial number of your conditioner is located on the top right-hand, front corner of the main frame. Record it in the space provided below.

Serial No.

Date Purchased

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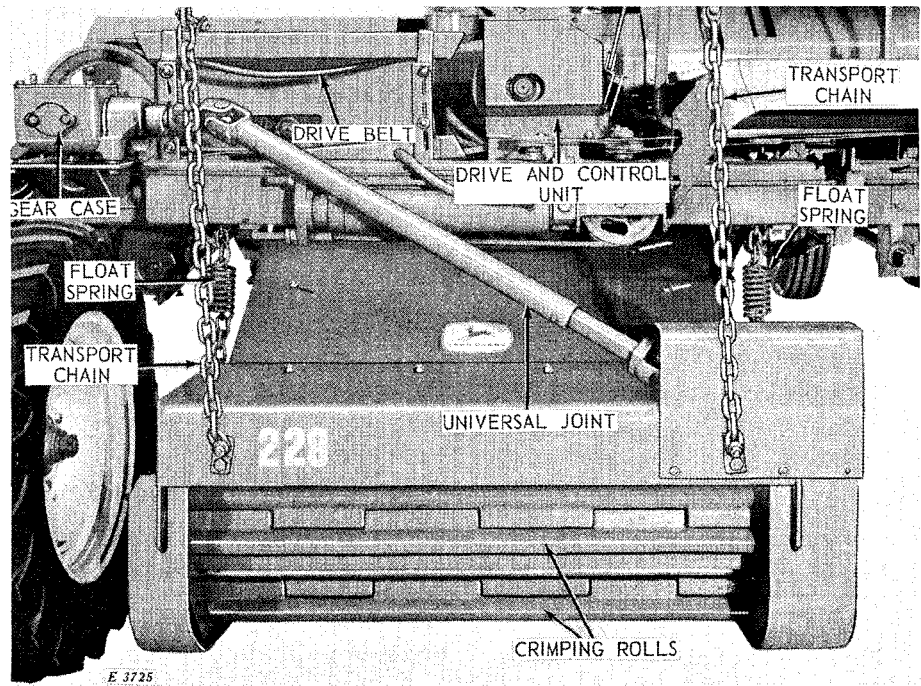
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NOTE: Right and left-hand sides referred to in this manual are determined from a position at the rear of the machine facing in the direction of travel.

SPECIFICATIONS

- Rolls: Width 42 in.
- Diameter 7-3/4 in.
- Speed 650 to 836 rpm
- Weight (approx.) (less mounting parts) 687 lbs.
- Height (in operation position) 30 in.
- Width 49 in.
- Length 50 in.
- Bearings:
 - Gear case Four tapered roller bearings
 - Rolls Four self-aligning ball bearings
 - Drive shafts. Four sealed ball bearings
 - Chain idlers Two sealed ball and two needle bearings

(Specifications and design subject to change without notice.)



John Deere 228 Hay Conditioner

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OPERATION

DESCRIPTION

After being cut by the windrower, the hay is picked up from the ground and passed between the surfaces of the two rolls which crimp the hay. The rolls effectively condition the heavier stems and stalks, and at the same time provide ample space for tender leaves and small stems to pass without damage.

Crimping permits the 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, it will take an hour or two for the effect of the conditioning to be noticed. Keep this in mind when operating to avoid unnecessary adjustments.

BEFORE OPERATION

Do not start windrower until hay 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. Check to see that the powershaft telescopes freely.

Start windrower engine and while idling, slowly engage hay conditioner. Let hay conditioner run slowly for a while and observe all moving parts to see that they operate freely and normally.



CAUTION: Never clean, oil, or adjust the hay conditioner while the windrower engine is running.

FIELD OPERATION

Operate windrower engine at full throttle to obtain the correct roll speed for the hay conditioner. Running the engine at slow speed reduces the roll speed and may cause the hay conditioner to clog where crop is heavy. Where difficult conditions make it necessary to slow down the travel speed of the windrower, reduce the speed with the variable ground speed control lever rather than reduce the engine speed. Doing this will enable the engine to maintain its rated speed, which will keep the rolls running at the proper speed for best results.

Do not engage conditioner with engine running at high speed. To do so may cause undue wear or possible breakage.

The 215A Windrower equipped with a 228 Hay Conditioner is a complete and balanced hay cutting-windrowing-conditioning unit; because three operations are being performed simultaneously, the functioning of one operation will affect the next operation.

In order that hay may be conditioned properly, the windrower should deliver the hay to the conditioner evenly.

Carry the lower conditioner roll four to seven inches above the ground.

When the windrower is equipped with the hay conditioner, a slower ground travel speed is necessary in order to condition the hay properly. Use a faster ground travel speed in a light crop than when operating in a heavy or rank crop.