



Owatonna

Operator's Manual

265

Windrower

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OW-O-265 WIND

Operator's Manual

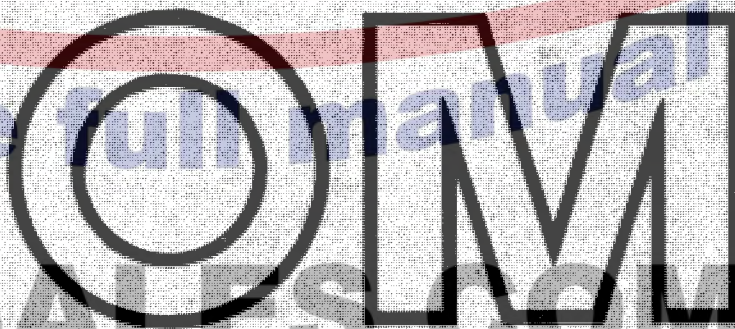
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**Auger
Windrower**

Operator's Manual

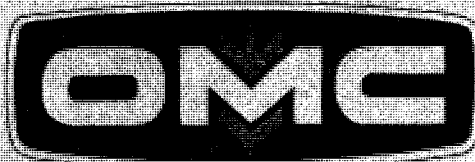


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Owatonna Manufacturing Company, Inc., Owatonna, Minnesota 55060



FOREWORD

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The original center delivery self-propelled windrower was design perfected by OWATONNA to produce a perfect, fluffy windrow under all conditions prevailing in the hay harvesting and windrowing areas of the world. Theory and experience have been incorporated to give you the most advanced windrower obtainable. All the advantages of time and labor savings, quality and yield gains are yours through ownership of your Owatonna Windrower.

The instructions contained in this booklet can easily be followed by anyone interested in efficient and economical operation. The suggestions which are offered are simple and require very little time to carry out. Their adoption will pay large dividends in consistent and satisfactory service.

Your success with your Owatonna Windrower depends upon your management and judgment, together with a full knowledge of the principles for operation of the unit.

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OWATONNA MANUFACTURING CO., INC.

OWATONNA, MINNESOTA



CONTROLS AND INSTRUMENTS



To prevent emergency situations while becoming accustomed to the machine, it is very important that the operator becomes thoroughly familiar with the location and purpose of all controls.

BEFORE STARTING, MAKE SURE ALL BY-
STANDERS ARE CLEAR OF WINDROWER,
AND PARKING BRAKE ENGAGED

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2 - Platform Lift Pedal

4 - Steering Wheel

5 - Speed Control Lever

6 - Engine Temperature Gage

4

7 - Ampmeter

8 - Engine Oil Pressure Light

9 - Parking Brake Warning Light

10 - Flasher "On-Off" Switch

11 - Head Lamp Switch

12 - Throttle

13 - Choke

14 - Ignition Switch

15 - Flasher Turn Switch

16 - Parking Brake Lever

17 - Header Engaging Lever

18 - Diesel - Shut Off

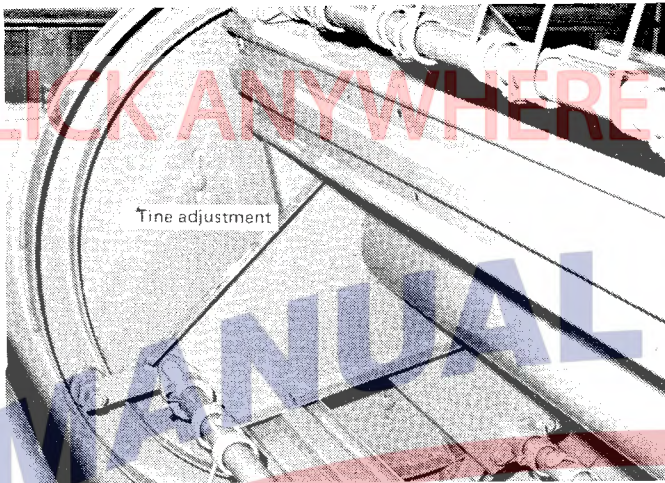
OPERATION

AUGER POSITION

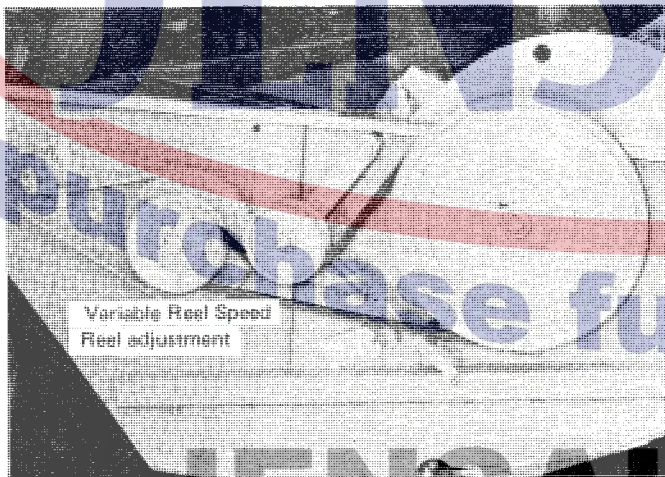
Clearance between auger and stripper angles should be 1/8 to 1/4 inch. Auger position can be changed by loosening the four bolts on right bearing hanger and three bolts on left side and moving auger as required then tightening bolts. Make certain both end of auger are adjusted evenly so auger is parallel with stripper angles. Stripper angles can also be moved in slots to get a constant clearance between auger and stripper angles.

REAR STRIPPERS

The rear strippers are two piece assemblies and can be adjusted forward to get exact auger clearance.

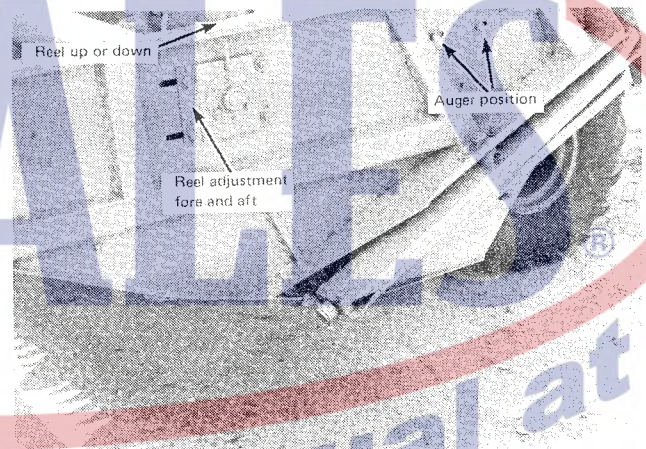


To **change** the cam action of the tines for proper release of material, loosen three bolts and rotate cam track as required; tighten all bolts. Proper release of material is when the material flow is along the front of the auger, not under the auger or being carried over the reel.



REEL SPEED

Reel speed is factory set for average ground speed and field conditions. If necessary, reel speed can be changed by removing four bolts in variable drive sheave and either removing shims to increase or adding shims to decrease reel speed. Extra shims are stored under the four bolts on the outside of the sheave. If the reel is running jerky in heavy conditions, slow the reel down. Higher ground speed will require faster reel speed for best cutting efficiency. When reel speed is changed, check reel drive belt tension (see maintenance section).



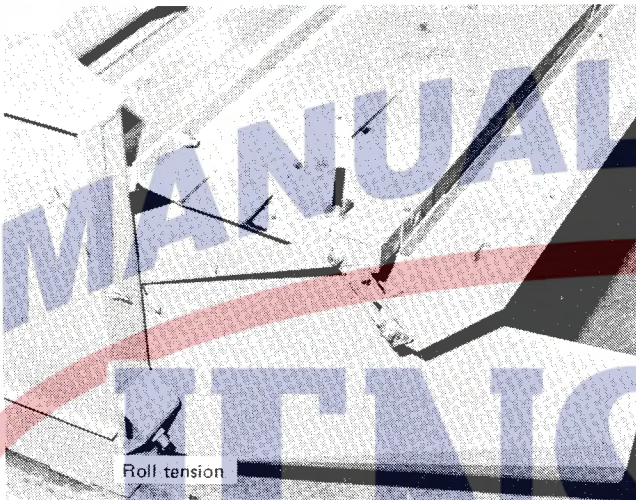
AUGER PADDLES

Regular equipment is two auger paddle assemblies. The two auger paddles should be positioned 180 degrees apart. The paddles are for feeding material evenly into the conditioner. For normal hay cutting operations this is all that is required. For adverse hay conditions, if material is not feeding evenly under the auger to the conditioner, add two more paddles. (See your OMC dealer for parts.) Remove all paddles and paddle brackets only if you are having a wrapping problem in the center of the auger.

OPERATION

CONDITIONER ROLL TENSION

The roll tension is adjusted with bolt. Make certain both sides are adjusted equally. Use only enough roll pressure to crack the stems with minimum leaf damage. As a general rule, thick stemmed crops will require less pressure than grassy crops



CONDITIONER ROLL SPACING

Normal roll spacing as set from factory is 1/4 inch mesh of steel bars. If necessary, roll spacing can be changed by adjusting bumper bolt. Unlock jam nut, turn bolt in for decreased spacing and out for increased spacing. Make certain both sides are adjusted evenly. For minor adjustments of roll spacing, roll tension can be left as is. For a large spacing change, releasing the spring pressure as described above will make the change easier.

CAUTION: Never allow conditioner rolls to run against each other or excess vibration and damage will result.

WINDROW FORMING SHIELDS

Width of windrow can be changed by moving windrowing shields in or out. Loosen wing nuts and move shield in or out. In some conditions a better windrow can be obtained by moving one shield in more than the other.

FLUFFER SHIELD

By moving the fluffer shield, the hay can be laid out in a swath the width of the rolls. To move the fluffer shield, loosen bolts and move fluffer up or down as required.

