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MANUAL PREVIEW

MacDon

Operator's Manual

Hydraulic Swing

Windrower Model 5000

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MAC-O-5000 WR

Operator's Manual

INTRODUCTION

Your new MacDon Model 5000 Power-Tongue Windrower is designed to cut, condition and lay in windrows, a wide variety of grasses and hay crops.

Use this manual as your first source of information about the machine. If you follow the instructions given in this manual, your Windrower will work well for many years.

The manual contains instructions for "Safety", "Operation", and "Maintenance/Service". In addition, "Unloading and Assembly" information is given towards the back of this book.

CAREFULLY READ ALL THE MATERIAL PROVIDED BEFORE ATTEMPTING TO UNLOAD, ASSEMBLE, OR USE THE MACHINE.

Use the Table of Contents and the Index to guide you to specific areas. Study the Table of Contents to familiarize yourself with how the material is organized.

Keep this manual handy for frequent reference and to pass on to new operators or owners. Call your Dealer if you need assistance, information, or additional copies of this manual.

NOTE: Right hand (R/H) and left hand (L/H) designations are determined from the operator's position, facing forward.



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SERIAL NUMBER LOCATIONS

Record the serial number in the space provided.

Model 5000 Power Tongue Windrower:

Serial number plate (A) is located on the side of the left hand end frame.



SERIAL PLATE LOCATION: WINDROWER

Tongue:

Serial number plate (D) is located at rear of tongue.



SERIAL PLATE LOCATION: TONGUE

NOTE: When ordering parts and service, be sure to give your dealer the complete and proper serial number.

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SPECIFICATIONS

DIMENSIONS

12 FT.

14 FT.

16 FT.

Overall Width:

Transport Position

13.5 ft. (4103 mm)

15.5 ft. (4713 mm)

17.5 ft. (5323 mm)

Field Position

18.1 ft. (5531 mm)

21.1 ft. (6446 mm)

24.1 ft. (7360 mm)

Overall Length:

Transport Position

20.7 ft. (6320 mm)

22.1 ft. (6740 mm)

24.9 ft. (7573 mm)

Field Position

15.8 ft. (4816 mm)

16.3 ft. (4975 mm)

18.2 ft. (5557 mm)

Overall Height

Transport Position

6.2 ft. (1896 mm)

Field Position

6.2 ft. (1896 mm)

Weight

5400 lbs. (2450 kg)

5800 lbs. (2630 kg)

6200 lbs. (2812 kg)

CUTTERBAR

Cutterbar Width

12.25 ft. (3734 mm)

14.25 ft. (4343 mm)

16.25 ft. (4953 mm)

Cutting Height (on skids) at 8° guard angle

1.5 to 4 in. (38 to 100 mm)

Guard Angle (adjustable)

6° to 11.5° below horizontal

Cutterbar Range at 8° guard angle

2.0 in. below ground to 21 in. above ground
(to guard tip) (-50 mm to +533 mm)

MAIN DRIVE

540 or 1000 RPM PTO tractor driven pump
to hydraulic motor driving primary shaft

SICKLE

Drive Type

Belt driven wobble box (enclosed oil bath)

Speed

1450 strokes or 725 cycles per minute

Stroke

3 in. (76 mm)

Sections

Over-serrated, low shoulder

Guards

Double heat treated, forged steel

REEL

Drive Type

V-belt drive from R/H auger shaft
to chain final drive

Reel Type

5 bats (4 or 6 bats optional),
replaceable steel pick-up tines,
cam action, polymer tine tube bearings

Radius

22 in. (1560 mm) to finger tip

Speed

53 RPM as assembled / 66 RPM with
pulley exchange / 60 RPM optional

NOTE: Specifications listed only under 14 ft. column are common to all sizes.

SPECIFICATIONS

AUGER

12 FT.

14 FT.

16 FT.

Drive Type

Chain final drive

Overload Protection

Hydraulic motor

Auger Type

20 in. (508 mm) diameter
variable pitch, center feed

Auger Speed

230 RPM

CONDITIONER ROLLS

Drive Type

Drivelines from enclosed oil bath chain drive

Roll Type

Helical intermeshing steel bars

Roll Diameter

10 in. (254 mm)

Roll Length

93 in. (2360 mm)

Roll Speed

750 RPM

WHEELS

Tread Width

119 in. (3030 mm)

143 in. (3640 mm)

167 in. (4250 mm)

Tires

31 x 13.5 - 15 NHS 8 ply Terra-Rib®

Tire Pressure

30 psi (207 kPa)

MATERIAL DISCHARGE

Minimum Width

30 in. (760 mm)

Maximum Width

92 in. (2346 mm)

Rear Fluffing Shield

Adjustable

OPERATING SPEED

Recommended Field Speed

5 mph (8 km/h)

Recommended Transport Speed

20 mph (30 km/h)

TRACTOR REQUIREMENTS

Minimum Power

60 hp (45 kw)

75 hp (56 kw)

90 hp (68 kw)

PTO

540 or 1000 RPM - ASAE standard location

Hydraulic Capacity

1750 psi (12000 kPa), two hydraulic circuits

(SPECIFICATIONS AND DESIGN ARE SUBJECT TO CHANGE WITHOUT NOTICE OR OBLIGATION TO REVISE UNITS PREVIOUSLY SOLD.)