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MANUAL PREVIEW

White
Operator's Manual
2-45
Field Boss

Operator's Manual

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INTRODUCTION

This Operator's Manual is presented to furnish you with necessary information for operating and maintaining your tractor. Its primary purpose is to assist you in lubricating and adjusting the tractor for daily and seasonal operation. We especially wish to call your attention to the many safety slogans listed in this manual. Although your tractor is designed with the safety of operation in mind, possibilities of accidents cannot be completely eliminated until you understand and practice all safety precautions.

Timely service saves costly repairs and valuable time lost because of breakdowns. Whenever it becomes necessary to make REPAIRS or REPLACEMENTS on your tractor, be sure to insist on GENUINE WHITE FARM EQUIPMENT COMPANY PARTS. These parts are designed specifically for your tractor under controlled specifications to give satisfaction and long lasting service to which you are entitled. YOUR DEALER CAN SUPPLY YOU WITH PARTS YOU REQUIRE. Use of other than GENUINE WHITE FARM EQUIPMENT COMPANY PARTS may jeopardize normal warranty. For additional information consult your dealer.

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SPECIFICATIONS

TIRE SPECIFICATIONS AND LOAD CAPACITIES

<u>Tire Size</u>	<u>Ply</u>	<u>Tread</u>	<u>Pressure - PSI (kPa)</u>	<u>Load-Lbs (kg)</u>
6.50-16	6	F-2	48 (331)	1360 (620)
7.50-16	6	F-2	44 (304)	1650 (750)
8.3-24(FWD)	8	R-1	46 (317)	2130 (970)
14.9-28	6	R-1	20 (138)	3560 (1610)

HYDRAULIC SYSTEM

Three-Point Hitch	
Cylinder	
Bore	3.74 in. (95 mm)
Stroke	5.04 in. (128 mm)
Hydraulic Pump	
Capacity @ 2250	8.6 gpm (32.4L/min.)
Working Pressure	2271 psi (15,664 kPa)
Power Steering Pump	
Capacity @ 2250	8 gpm (30.4L/min.)
Working Pressure	1987 psi (13,705 kPa)
Remote Cylinder	
Diameter	2.5 in. (63.5 mm)
Stroke	8.0 in. (203.2 mm)
Static Lift Capacity	10,500 lbs. (4760 kg)

POWER TAKE-OFF

Shaft Speed @ 1830 Engine RPM	540
Shaft Rotation	Clockwise
Shaft Size	1-3/8 in. (34.9 mm)
Number of Splines	6

FOUR WHEEL DRIVE TIRE RECOMMENDATIONS

It is important that ground speed of front tires matches that of rear tires when front axle is engaged. Excessive tire wear, reduced economy and loss of useful horsepower will result if tire combinations are mismatched. When replacing tires, consult dealer for proper size tires which will either best match loaded radius of worn tires remaining on tractor or which will best match a new tire size which application requires.

SPECIFICATIONS

DIMENSIONS

	<u>2WD</u>	<u>4WD</u>
Overall Length	137.8 in. (3500 mm)	137.8 in. (3500 mm)
Overall Width	70.9 in. (1800 mm)	72.2 in. (1835 mm)
Overall Height	93.3 in. (2370 mm)	95.7 in. (2430 mm)
Wheel Base	78.7 in. (2000 mm)	79.9 in. (2030 mm)
Minimum Ground Clearance	13 in. (330 mm)	12.4 in. (315 mm)
Minimum Turning Radius (w/o brakes)	130 in. (3.3 m)	137.8 in. (3.5 m)
Minimum Turning Radius (w/brakes)	110.2 in. (2.8 m)	118.1 in. (3.0 m)
Approximate Shipping Weight	5015 lbs. (2275 kg)	5578 lbs. (2530 kg)
Wheel Treads		
Front	55.9 - 79.5 in. (1420 - 2020 mm)	59 in. (1500 mm)
Rear	55.5 - 79.1 in. (1410 - 2010 mm)	55.5 - 79.1 in. (1410 - 2010 mm)

TRAVEL SPEEDS

GEAR	AUX.	CREEP	SPEED		GEAR	AUX.	CREEP	SPEED	
			KM/HR	MPH				KM/HR	MPH
1			0.29	0.18	1			1.6	.99
2			0.34	0.21	2			1.8	1.12
3			0.47	0.29	3			2.5	1.55
4			0.73	0.45	4			3.9	2.42
5			1.15	0.71	5			6.1	3.79
R			0.51	0.32	R			2.7	1.68
	L					H			
1			1.30	0.81	1			6.6	4.10
2			1.40	0.87	2			7.6	4.72
3			2.00	1.24	3			10.5	6.52
4			3.10	1.93	4			16.3	10.13
5			4.90	3.04	5			26.0	16.16
R			2.20	1.37	R			11.3	7.02
		H					H		

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