



OPERATING AND PARTS MANUAL

MANUAL # 2001000



MOBILITY 500 & ROW CROP

602 E. VAN BUREN – LENOX, IA. 50851
1-800-342-7498 TOLL FREE
641-333-4518 PHONE
641-333-4429 FAX

TABLE OF CONTENTS

INTRODUCTION	1
WARRANTY	2
SPECIFICATIONS	3
MAINTENANCE	5
LUBRICATION	5
DAILY SCHEDULE	5
WEEKLY SCHEDULE	5
MONTHLY SCHEDULE	6
ANNUAL SCHEDULE	6
WHEEL BEARING ADJUSTMENT	6
CONVEYOR CHAIN ADJUSTMENT	6
GROUND DRIVE ADJUSTMENT	7
BRAKES	8
STORAGE	12
NEW MACHINE CHECKOUT	12
OPERATION	13
SPREADER SAFETY	13
OPERATION INSTRUCTIONS	14
SPREAD ADJUSTMENT & APPLICATION RATES	17
SPREAD CHART 1	18
SPREAD CHART 2	19
FINE TUNING OF BLADES & CHUTE	20 – 25
ILLUSTRATED PARTS LIST	26
PARTS ORDERING PROCEDURE	26
FRONT TANK AREA ASSEMBLY	27 - 28
REAR AREA ASSEMBLY	30 – 31
DRIVE LINE AREA ASSEMBLY	32 - 33
TANDEM WALKING BEAM AREA ASSEMBLY	34 - 35
SINGLE AXLE OPTION	36 - 37
GROUND DRIVE ASSEMBLY	38 - 39

540 RPM PTO OPTION	40
1000 RPM PTO OPTION	41
ENGINE DRIVE OPTION	42 - 43
REMOTE CONTROL CONVEYOR CLUTCH OPTION	44 - 45
BRAKE ACTUATOR ASSEMBLY	46 - 47
BRAKE OPTION, SINGLE OPTION	48 - 49
TWO-WHEEL BRAKE OPTION	50 - 51
FOUR-WHEEL BRAKE OPTION	52 - 53
BRAKE SHOE, SINGLE AXLE	54
BRAKE SHOE, TANDEM AXLE (12" DRUMS)	55
TWO-SPEED DRIVE OPTION	57 - 58
DISTRIBUTOR GEARBOX – DUAL SPINNER	59
SINGLE SPINNER OPTION: ADJUSTMENT	60
SINGLE SPINNER DRIVE LINE MODIFICATION	61
SINGLE SPINNER REAR AREA ASSEMBLY	62 - 63
SINGLE SPINNER GEARBOX ASSEMBLY	64 - 65
DECAL AREA	66 - 67
SPINNER ASSEMBLY SINGLE HYDR.	68
SINGLE SPINNER HYDR. DRIVE	69
LIMITED WARRANTY	70
FRAME WIELDMENT & ADJU. AXLE ASSMY, ROW CROP UNIT	71
GROUND DRIVE ASSMY, ROW CROP UNIT	72
DRIVE LINE AREA, ROW CROP UNIT	73

TO YOU, THE OWNER

Your Mobility Spreader is the most modern, up-to-date, versatile, machine available for broadcast application of bulk fertilizer and other granular materials. The machine is the result of many years of experience, research, development and testing of equipment for broadcast application. It is soundly engineered and carefully built to rigid specifications. It is of rugged and simple construction, with a minimum of moving parts.

However, to obtain maximum performance from your spreader, it is necessary to follow the instructions and safety suggestions in this manual. Each section has been carefully prepared for the purpose of providing needed and valuable information to the owner and operator. Each operator of this unit should be familiar with the contents of this manual. Keep it in a safe and convenient location.

THERE ARE MANY SAFETY SUGGESTIONS (CAUTION AREAS) PRINTED THROUGHOUT THIS MANUAL. CAREFULLY READ THEM ALL BEFORE OPERATING THIS UNIT.

WARRANTY POLICY

Your machine is warranted in accordance with the Mobility Warranty, printed on the inside back cover of this manual.

This warranty is null and void if you fail to return the Warranty Card to Mobility, Inc. within thirty (30) days from the date of purchase. Please mail the card now, so that it will not be lost or misplaced.

Mobility, Inc. reserves the right to inspect damaged or defective parts before issuing credit.

DESIGN IMPROVEMENTS

Mobility, Inc. follows a policy of continuous product improvement. We therefore reserve the right to make design improvements, and changes in specifications and prices, without incurring obligations to make revisions or additions to equipment previously sold.

