
CONTENTS

Title	Page
Section 1 - General Information and Safety	
To the owner	1-1
Product identification	1-2
Ecology and the environment	1-4
Safety precautions	1-5
Safety decals	1-11
International symbols	1-14
Airborne noise emission	1-15
Section 2 - Controls, Instruments and Operation	
Cab	2-2
Seats	2-17
Handbrake, Throttle and Foot Controls	2-23
Instrument Console	2-25
Analogue and Analogue/Digital Instruments	2-28
Electronic Instrument Panel	2-34
Synchro Command Transmission (16 x 16 and 20 x 16)	2-54
Dual Command Transmission (24 x 12 and 23 x 12)	2-61
Range Command Transmission (18 x 6 and 17 x 6)	2-70
Power Command Transmission (18 x 6 and 17 x 6)	2-85
Electronic Management Unit	2-100
Section 3 - Field Operation	
Starting and Stopping the Engine	3-2
Rear Power Take-Off	3-9
Front Power Take-Off and Hydraulic Lift	3-25
Mechanical Lower Link Sensing Hydraulics	3-32
Remote Control Valves - open centre	3-38
Electronic Draft Control	3-51
Remote Control Valve	3-58
Three-point Linkage	3-65
Front Wheel Track Adjustment	3-73
Rear Wheel Track Adjustment	3-83
Ballasting and Tyres	3-97
Section 4 - Lubrication and Maintenance	
General information	4-1
Lubrication and maintenance chart	4-6
Servicing when warning lights illuminate	4-7
10-hour/daily service	4-13
50-hour service	4-15
300-hour service	4-27
600-hour service	4-35
1200-hour/12 month service	4-39
1200-hour/24 month service	4-45
1800-hour service	4-51
General maintenance - as required	4-53



Section 5 - Fault Finding

Introduction	5-1
Engine	5-2
Transmission - Range Command and Power Command	5-5
Transmission - Dual Command	5-6
Transmission - Synchro Command	5-7
Hydraulics	5-8
3-point linkage	5-9
Brakes	5-10
Cab	5-10
Electrical	5-11

Section 6 - Vehicle Storage 6-1

Section 7 - Accessories

Roof Beacon	7-2
Automatic Engine Shut Down	7-2
Hydraulic Trailer Brakes	7-3
Air-Operated Trailer Brakes	7-4
Walterscheid Hitch	7-9
Walterscheid Automatic Stabilisers	7-11
Sway Block Stabilisers	7-13
Drawbars and Towing Attachments	7-15

Section 8 - Specification

General Dimensions	8-2
Weight	8-4
Engine	8-5
Fuel System	8-5
Cooling System	8-6
Transmission Availability	8-6
Hydraulic System Availability	8-7
Three-Point Lift	8-7
Front Power Lift	8-7
Brakes	8-8
Steering	8-8
Maximum Operating Angle	8-8
Front Power Take-Off Availability	8-9
Rear Power Take-Off Availability	8-9
Electrical Equipment	8-8
Lubricant and Fluid Capacities	8-10
Lubricant and Fluid Specifications	8-12

Section 9 - First 50-hour Service Forms 9-1

Section 10 - Index 10-1

SECTION 1

GENERAL INFORMATION AND SAFETY

TO THE OWNER

GENERAL

This Manual has been prepared to assist you in the correct procedure for running-in, driving and operating and for the maintenance of your new tractor. Your tractor, which was designed to power and propel itself, is intended for use in normal and customary agricultural applications.

Read this Manual carefully and keep it in a convenient place for future reference. If at any time you require advice concerning your tractor, do not hesitate to contact your authorised dealer. He has factory trained personnel, genuine manufacturers' parts and the necessary equipment to carry out all your service requirements.

Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Prior to delivery, the tractor was carefully inspected, both at the factory and by your dealer to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble-free operation, it is important that the routine services, as specified in Section 4 of this Manual, are carried out at the recommended intervals.

CLEANING THE TRACTOR

Your tractor is a state-of-the-art machine with sophisticated, electronic controls. This should be borne in mind when cleaning the tractor, particularly if using a high pressure washer. Even though every precaution has been taken to safeguard electronic components and connections, the pressure generated by some of these machines is such that complete protection against water ingress cannot be guaranteed.

When using a high pressure washer, do not stand too close to the tractor and avoid directing the jet at electronic components, electrical connections, breathers, seals, filler caps, etc. Never direct a cold water jet at a hot engine or exhaust.

SAFETY

Pages 1-5 to 1-10 inclusive list the precautions to be observed to ensure your safety and the safety of others. Read the safety precautions and follow the advice offered **before** operating the tractor.

FIRST 50 HOUR SERVICE

In Section 9, at the back of this Manual, you will find the 50-hour service reports.

After you have operated the tractor for 50 hours, take your tractor, together with this Manual, to your dealer. He will then perform the factory recommended 50 hour service and complete the service report sheets (pages 9-1 and 9-3). The first sheet (page 9-1) is the dealer's copy and should be removed by the dealer after the service has been carried out. The second sheet (page 9-3) is your copy of the service performed. **Ensure that you and the dealer sign both copies.**

SERVICE PARTS

It should be pointed out that genuine parts have been examined and approved by the Company. The installation and/or use of 'non-genuine' products could have negative effects upon the design characteristics of your tractor and thereby affect its safety. The Company is not liable for any damage caused by the use of 'non-genuine' parts and accessories. Only genuine New Holland replacement parts should be used. The use of non-genuine parts may invalidate legal approvals associated with this product.

It is prohibited to carry out any modifications to the tractor unless specifically authorised, in writing, by the After Sales Service department of the Company.

WARRANTY

Your tractor is warranted according to legal rights in your country and the contractual agreement with the selling dealer. No warranty shall, however, apply if the tractor has not been used, adjusted and maintained according to the instructions given in the Operator's Manual.



Thank you very much
for your reading.
Please click here
to get more information.