750A No Till Drill (3 m, 6 m)

John Deere Werke Zweibrücken OMZ92393 Issue K7

Printed in Germany ENGLISCH

Introduction

READ THIS MANUAL carefully to learn how to operate and service your machine correctly. Failure to do so could result in personal injury or equipment damage. This manual and safety signs on your machine may also be available in other languages (see your John Deere dealer to order).

THIS MANUAL SHOULD BE CONSIDERED a permanent part of your machine and should remain with the machine when you sell it.

MEASUREMENTS in this manual are given in both metric and customary U.S. unit equivalents. Use only correct replacement parts and fasteners. Metric and inch fasteners may require a specific metric or inch wrench.

RIGHT-HAND AND LEFT-HAND sides are determined by facing the direction the implement will travel when going forward.

WRITE PRODUCT IDENTIFICATION NUMBERS (P.I.N.) in the Specification or Identification Numbers section. Accurately record all the numbers to help in tracing the machine should it be stolen. Your dealer also needs these numbers when you order parts. File the identification numbers in a secure place off the machine.

BEFORE DELIVERING THIS MACHINE, your dealer performed a predelivery inspection. After operating for the first 50 hours, schedule an after-sale inspection with your dealer to ensure best performance.

THIS DRILL IS DESIGNED SOLELY for use in customary agricultural or similar operations ("INTENDED USE"). Use in any other way is considered as contrary to the intended use. The manufacturer accepts no liability for damage or injury resulting from this misuse, and these risks must be borne solely by the user. Compliance with and strict adherence to the conditions of operation, service and repair as specified by the manufacturer also constitute essential elements for the intended use.

THIS DRILL SHOULD BE OPERATED, serviced and repaired only by persons familiar with all its particular characteristics and acquainted with the relevant safety rules (accident prevention). The accident prevention regulations, all other generally recognized regulations on safety and occupational medicine and the road traffic regulations must be observed at all times. Any arbitrary modifications carried out on this drill will relieve the manufacturer of all liability for any resulting damage or injury.

ZX,750AOM,IFC -19-26SEP94

Contents

| | Page | | Page |
|--|------|---|-------|
| Identification Views | 00-1 | | |
| | | Detaching drill from tractor | 25-6 |
| Safety | 05-1 | Storing ESC connector | 25-7 |
| Safety Decals | 10-1 | Transporting | 00.4 |
| Operator's manual | | Emptying drill for road travel | |
| Maintenance and repair | | Transporting the drill | |
| Folding outer units | | Transport width | |
| Locking outer units | | Hydraulic trailer brake | |
| Unfolding the outer units | | Trailer air brake | |
| Markers | | Trailer air brake valve | |
| Access ladder and platform | | Compressed air tank | |
| | | Brake cylinder for air brake | |
| Locking the openers | | Brake pressure test port | |
| Avoid high-pressure fluids | 10-3 | Engaging parking brake | 30-9 |
| Preparing the Tractor | | Operating the Machine | |
| For all tractors | 15-1 | Guidelines for use | 35-1 |
| Rockshaft selector | | Adjusting opener depth | |
| Link lengths | | Hydr. down-pressure—closed-center | |
| Sway blocks | | hydraulics | 35-3 |
| Selective control valve | | Hydr. down-pressure—open-center | |
| Pre-conditions | | hydraulics | 35-5 |
| Hydraulic fan drive system diagram | | Folding up outer units (6-m version only) | 35-7 |
| Adjusting metering valves | | Folding/Unfolding track markers | |
| Using lever lock clip (50—55 Series | 13-0 | Opening seed hopper cover | 35-8 |
| Tractors) | 15.0 | Adjusting the track markers | |
| · | 13-0 | Spring pressure adjustment—press and | |
| Installing lever lock clip (50—55 Series Tractors) | 15.0 | closing wheels | 35-10 |
| Tractors) | 13-9 | Adjusting seed boots | 35-11 |
| | | Installing the boot spring | |
| Preparing the Machine | | Adjusting closing wheel | 35-12 |
| Checking tire pressure | | , , | |
| Installing tractor front-end weights | | Operating the Pneumatic Drill System | |
| Lubricating the drill | 20-1 | General description | 36-1 |
| | | Adjusting hydraulic fan speed | |
| Attaching and Detaching | | Reading the setting of the metering | • |
| with quick-coupler (two-point hitch only) | 25-1 | device | 36-2 |
| without guick-coupler (two-point hitch | | Calibrating the drill | |
| only) | 25-2 | 3 | |
| Hydraulic and electrical connections | | | |
| Connecting the drill to tractor | | Continued on next | page |

All information, illustrations and specifications in this manual are based on the latest information available at the time of publication. The right is reserved to make changes at any time without notice.

OMZ92393 K7-19-01MAR98

COPYRIGHT® 1997
DEERE & COMPANY
European Office Mannheim
All rights reserved
A John Deere ILLUSTRUCTION® Manual
Previous Editions
Copyright 1996, 1995 Deere & Company

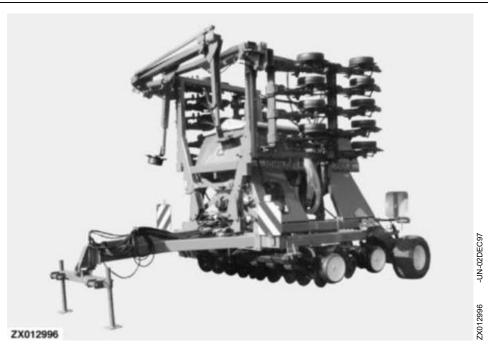
Contents

| Page | Page | a |
|---|---|--|
| Calibrating with the micrometering system | Alternative and synthetic lubricants 50-2 Lubrication symbol 50-2 Locking up the openers 50-3 Every 10 hours 50-3 Every 50 hours 50-3 Annually 50-4 Service intervals 50-5 | 2 3 3 3 4 |
| Checking the sowing operation | Troubleshooting Openers | 3 5 7 |
| When not in use | Service Service tires safely | |
| Electronic Seed-Drill Control (ESC)Safety | Removing and repairing cylinders 60-4 Laying the hydraulic lines 60-5 Bleeding air from cylinders 60-6 Opener control hydraulic diagrams 60-7 Cleaning the drill 60-10 Checking wheel bolt/bearings 60-10 Locking-up the openers 60-11 Installing gauge wheels 60-11 Replacing and adjusting opener disk bearing 60-12 Replacing and adjusting opener disk 60-14 Replacing and adjusting gauge wheel bearing 60-16 Replacing and adjusting press wheel bearing 60-17 Replacing and adjusting closing wheel bearing 60-18 Replacing opener arm, pivot pin and bushing 60-19 Replacing boot 60-20 Replacing boot strap 60-23 Adjusting land wheel reed switch 60-23 | 4 5 7 7 7 7 11 11 22 4 6 7 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 |
| Attachments Open-center tractor | StoragePreparing drill for storage65-1Storing the pneumatic drill system65-1Removing drill from storage65-2 | 1 |
| Track marker electromagnetic-valves | Specifications Tractor recommendations | |
| Lubrication and Periodic Service Grease | Continued on next page | |

Contents

| Page | |
|---------------------|--|
| Serial number plate | |
| Index | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |

Identification Views



750A Drill, 6 m Version



750A Drill, 3 m Version

ZX,OM750A010172-19-01NOV97

Safety

RECOGNIZE SAFETY INFORMATION

This is the safety-alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating practices.



UNDERSTAND SIGNAL WORDS

A signal word—DANGER, WARNING, or CAUTION—is used with the safety-alert symbol. DANGER identifies the most serious hazards.

DANGER or WARNING safety signs are located near specific hazards. General precautions are listed on CAUTION safety signs. CAUTION also calls attention to safety messages in this manual.

A DANGER

A WARNING

ACAUTION

DX,SIGNAL -19-03MAR93

CAUTION

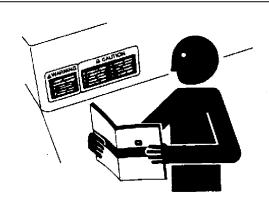
FOLLOW SAFETY INSTRUCTIONS

Carefully read all safety messages in this manual and on your machine safety signs. Keep safety signs in good condition. Replace missing or damaged safety signs. Be sure new equipment components and repair parts include the current safety signs. Replacement safety signs are available from your John Deere dealer.

Learn how to operate the machine and how to use controls properly. Do not let anyone operate without instruction.

Keep your machine in proper working condition. Unauthorized modifications to the machine may impair the function and/or safety and affect machine life.

If you do not understand any part of this manual and need assistance, contact your John Deere dealer.



-UN-23AUG88

DX,READ

-19-03MAR93



OPERATE SAFELY

Always keep hands away from opener blades during opener adjustment.

Always lock-up opener lift cylinder(s) before performing any maintenance or adjustments under machine.



N39627



0-Nn-

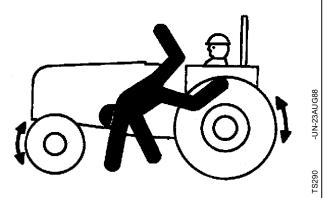
NX,750,C4

-19-21MAR89

KEEP RIDERS OFF MACHINE

Only allow the operator on the machine. Keep riders off.

Riders on machine are subject to injury such as being struck by foreign objects and being thrown off of the machine. Riders also obstruct the operator's view resulting in the machine being operated in an unsafe manner.



DX,RIDER

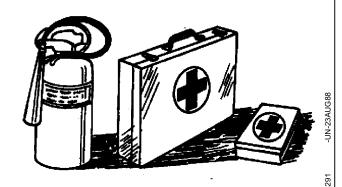
-19-03MAR93

PREPARE FOR EMERGENCIES

Be prepared if a fire starts.

Keep a first aid kit and fire extinguisher handy.

Keep emergency numbers for doctors, ambulance service, hospital, and fire department near your telephone.



DX,FIRE2

-19-03MAR93

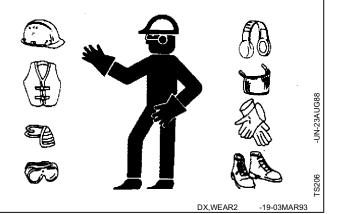
200101



WEAR PROTECTIVE CLOTHING

Wear close fitting clothing and safety equipment appropriate to the job.

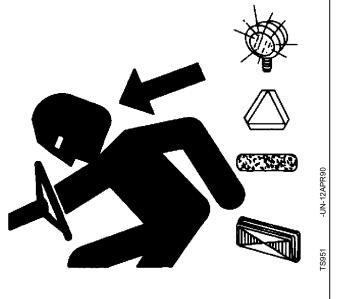
Operating equipment safely requires the full attention of the operator. Do not wear radio or music headphones while operating machine.



USE SAFETY LIGHTS AND DEVICES

Prevent collisions between other road users, slow moving tractors with attachments or towed equipment, and self-propelled machines on public roads. Frequently check for traffic from the rear, especially in turns, and use hand signals or turn signal lights.

Use headlights, flashing warning lights, and turn signals day and night. Follow local regulations for equipment lighting and marking. Keep lighting and marking visible and in good working order. Replace or repair lighting and marking that has been damaged or lost. An implement safety lighting kit is available from your John Deere



DX,FLASH

-19-12SEP95



TRANSPORT SAFELY

Shift tractor into lower gear when transporting down steep slopes or hills.

Make sure reflectors and SMV emblem are easily visible from rear.

Stop slowly.

Always empty all seed and/or fertilizer before transporting drill. DO NOT exceed 16 km/h (10 mph) if drill is not empty.

Always lock-up opener lift cylinder(s) before transporting drill. Hydraulic failure can allow openers to fall rapidly.

If the drill is equipped with marker arms, make sure that arms are locked in raised position before transporting drill.



7

ZX,750,C5 -19-01JUL95



TOW LOADS SAFELY

Stopping distance increases with speed and weight of towed loads, and on slopes. Towed loads with or without brakes that are too heavy for the tractor or are towed too fast can cause loss of control. Consider the total weight of the equipment and its load.

Observe these recommended maximum road speeds, or local speed limits which may be lower:

- If towed equipment does not have brakes, do not travel more than 32 km/h (20 mph) and do not tow loads more than 1.5 times the tractor weight.
- If towed equipment has brakes, do not travel more than 40 km/h (25 mph) and do not tow loads more than 4.5 times the tractor weight.

Ensure the load does not exceed the recommended weight ratio. Add ballast to recommended maximum for tractor, lighten the load, or get a heavier towing unit. The tractor must be heavy and powerful enough with adequate braking power for the towed load. Use additional caution when towing loads under adverse surface conditions, when turning, and on inclines.



DX,TOW -19-02OCT95

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com