

OPERATOR'S MANUAL

DRAWN SPRAYER





Suggest:

For more complete manuals. Please go to the home page.

<https://www.ebooklibonline.com>

If the above button click is invalid. Please download this document first, and then click the above link to download the complete manual.

Thank you so much for reading

INDEX

INDEX.....	i
1 Introduction.....	1
2 Safety.....	1
2.1 Follow Safety Instructions.....	1
2.2 Introductory safety information.....	1
2.3 Chemical Safety.....	1
2.4 Safety signs.....	3
2.5 Before operation.....	6
2.6 Operation.....	6
2.7 Protective devices and clothing.....	6
2.8 Moving parts.....	6
2.9 Transporting.....	6
2.10 Service.....	6
2.11 PTO shaft.....	7
2.12 Special safety instructions pertaining to the pump.....	7
2.13 Any other use, not allowed in terms of this manual, is considered improper.....	8
3 Preparing the tractor.....	8
4 Preparing and attaching the machine.....	8
4.1 Hook the sprayer onto the tractor.....	8
4.2 PTO Shaft.....	8
4.3 Hydraulic couplers.....	9
4.4 Park stand.....	9
4.5 Pump oil level.....	10
4.6 Check accumulator pressure.....	10
4.7 Check tire pressure.....	10
4.8 Check all bolts and nuts.....	11
4.9 Check all pipes and fittings.....	11
4.10 Check strainer.....	11
4.11 Close lid.....	11
5 High-pressure fluids.....	12
6 Detaching the machine.....	12
7 Operating the machine.....	13
7.1 Function and adjustment of manual control valve.....	13
7.1.1 List of components.....	13
7.1.2 Description of the functions.....	14
7.1.3 General checks before use.....	14
7.1.4 Putting into service and operation of the manual multicontrol unit.....	15
7.2 Sprayer calibration.....	17
7.3 Use of the pump.....	18
7.3.1 How to start the pump.....	18
7.3.2 How to stop the pump.....	19
7.3.3 Chemical attack and washing.....	19
8 Troubleshooting.....	20
9 Service or maintenance.....	21
9.1 Routine maintenance.....	21
9.2 Extraordinary maintenance.....	21
9.3 How to replace the check valves.....	22
9.4 How to replace the diaphragms and change oil.....	22
10 Storage.....	23
10.1 Putting the machine into storage.....	23
10.2 Removing machine from storage.....	24
11 Assembly or predelivery instruction.....	24
12 Setup instructions.....	24
13 Specifications.....	24

<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>

1 Introduction

READ THIS MANUAL CAREFULLY in order to become familiar with the correct operation and maintenance of the machine and to prevent personal injury or damage to the machine. This manual and the safety signs on the machine may also be available in other languages (your dealer can order it on your behalf).

THIS USER DOCUMENTATION BELONGS to the machine and must be presented to the new owner when the machine is sold or traded in.

MEASUREMENTS in this manual correspond to metric sizes. Only use components and bolts that fit. Different spanners are required for metric and imperial bolt sizes.

THE TERMS “LEFT” AND “RIGHT” are used with reference to the forward movement of the machine.

YOUR DEALER HAS ALREADY PERFORMED a pre-delivery inspection of this machine.

2 Safety

2.1 Follow Safety Instructions

Carefully read all safety messages in this manual and observe safety signs on your machine. 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 dealer.

2.2 Introductory safety information

This is a 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.

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.



2.3 Chemical Safety

Here follows some general guidelines and suggestions: The safety instructions of the chemical supplier must be observed at all times. This includes storing, handling, mixing, calibration, cleaning and all other instructions, warnings etc.:

▲ CAUTION



- Crop protection chemicals must be applied with the greatest possible caution, in order to minimize side effects on the environment and your health:
- Take care when using crop protection chemicals. Use crop protection chemicals in such a manner that the risk of contact is kept to a minimum (work hygienically). This applies to all chemicals, however toxic they may be.
- Choose chemicals which are the least harmful to your health and which are effectively and quickly decomposed.
- Always read the packaging label carefully before use. Observe the Statutory Regulations and the Directions for Special Dangers, Safety Recommendations and the User Manual.
- Use breathing protection apparatus suitable for the application, such as an effective filter mask or a breathing hood or helmet.
- When preparing the spraying liquid, use a suitable form of breathing protection, a facial screen, gloves, boots and protective clothing. Make sure your head is also protected and do not use clothing also worn for other purposes.
- Maintain your means of personal protection regularly. Soiled masks may cause skin irritation. Change filters regularly!
- Choose a safe type of product. The preference must always be for types of products which generate minimum dust and chemicals which are least absorbed by the skin. If crop protection chemicals come into contact with the skin, rinse immediately with water.
- Always wash your hands and face before eating, drinking or smoking.
- Keep animals and children away from spraying equipment not yet cleaned. Clean this equipment or store it in an area sealed off to unauthorized persons.
- Wash well with water and soap after working with crop protection chemicals.
- Maintenance and repairs may only take place following complete cleaning of the machine.
- Choose a safe type of packaging.
- Provide your employees with effective information on where and when chemicals are to be applied, to prevent them from working in a crop which is still wet from spraying. Do not walk through or work in a crop recently treated.
- Prepare the spraying liquid outdoors at working height, in order to minimize the risk of spillage. Ensure that wind blows sideways when preparing the chemicals.
- Keep the machine well cleaned and avoid contact with the crop protection chemicals.
- When weighing, measuring and preparing crop protection chemicals, use materials kept exclusively for this purpose, such as scales, measuring jugs, funnels, buckets, etc. Clean these regularly.
- Do not prepare more spraying liquid than absolutely essential!
- Limit the daily working hours spent working with crop protection chemicals to 8 hours. Avoid strong transpiration and heavy physical exertion.
- Do not drink alcoholic drinks shortly before or after spraying.
- Never drink, eat or smoke while working with crop protection chemicals.
- Never clear blocked nozzles by blowing with your mouth.
- Always pay attention to the safety period when spraying and harvesting.
- Should you or your colleague have problems, visit a doctor immediately and try to discover the identity of the active ingredient. The first measures you can take in the case of the following chemical "injuries" are:
 - skin, eyes : rinse with plenty of water
 - swallowing : drink water, not milk
 - Inhalation : fresh air

▲ CAUTION

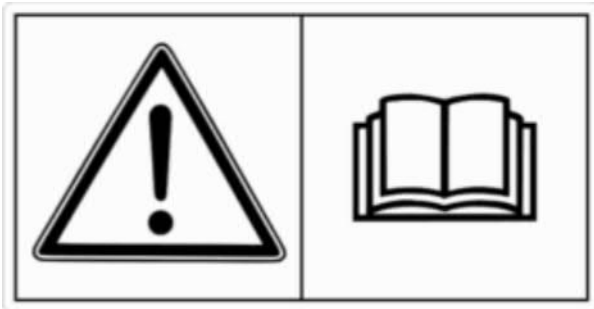
2.4 Safety signs

The following pictures show the positions of the safety signs on the machine (See section 14.8 for placement and part numbers):

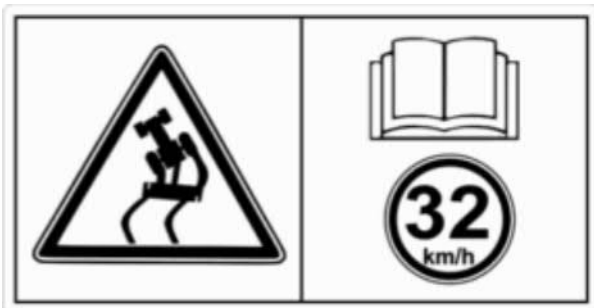


The following safety signs are placed on the machine and care should be taken in respect of the dangers they are warning against:

1. Read the manual:



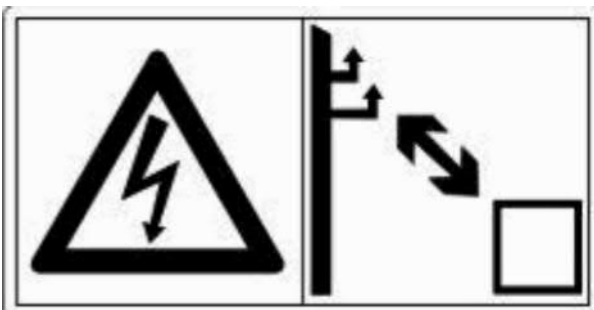
2. Maximum allowed road speed:



3. Be careful of moving/rotating parts:



4. Be careful of overhead power cables:



5. Maximum PTO speed and rotation for pump:



6. Do not stand on the step while machine is moving:



<https://www.ebooklibonline.com>

Hello dear friend!

Thank you very much for reading.

Enter the link into your browser.

The full manual is available for immediate download.

<https://www.ebooklibonline.com>