

OPERATOR'S MANUAL

CONSERVATION SEEDER

CS1360

CS1384



FRONTIER™

5SB101746 (11/01/12)

Introduction

Read this manual carefully. It will instruct you on how to operate and service your machine safely and correctly. Failure to do so could result in personal injury and or equipment damage.



This **SAFETY ALERT** symbol is intended to warn you of some potential hazard. You should look for this symbol on your equipment and throughout this manual. If you see this symbol you should carefully read the warning that is printed beside or under the symbol and follow it! Failure to do so can result in serious bodily injury or death.

WARRANTY:

Warranty coverage is provided by John Deere according to the terms of the Agricultural/Commercial & Consumer Equipment Warranty Statement. Carefully read the warranty statement on the back of your original purchase order for details on coverage and limitations of this warranty.

This warranty does not cover the following:

Cleaning, transporting, mailing and service call charges.

Normal wear items such as bearings, chains, sprockets, points, etc.

Depreciation or damage caused by normal wear, accidents, improper maintenance improper protection or improper use of the machine.

For complete Warranty information see inside back cover of this manual.

Record your implement model and serial number in the space provide below.

Your dealer will need this information to give you prompt, efficient service.

Model Number: _____

Serial Number: _____

Date Purchased: _____

Dealer Checklist

To the Dealer:

Inspect the machine thoroughly after assembly to assure it is functioning properly before delivering it to the customer. The following checklist is a reminder of points to cover. Check off each item as it is found satisfactory or after proper adjustment is made.

Predelivery Checklist

- _____ 1. All hardware properly tightened.
- _____ 2. Lubrication of all grease fittings.
- _____ 3. All chains properly aligned and tight.
- _____ 4. All decals properly located and legible.
- _____ 5. All guards in place and secure.
- _____ 6. Overall condition and appearance (touch up any scratches, clean/polish)
- _____ 7. Test run, check for any vibrations, chain popping, or unusual noise.
- _____ 8. Seed cups open and close properly.
- _____ 9. Seed cup gates all in the same position.
- _____ 10. Transmission sprocket engages and disengages the hopper drive properly.
- _____ 11. Machine is equipped with operator's manual.

Date Set Up _____

Signature _____

Delivery

Review the operator's manual with the customer.
Explain the following:

- _____ 1. John Deere Equipment Warranty
- _____ 2. Safe operation and service
- _____ 3. Correct installation and maintenance
- _____ 4. Daily and periodic lubrication, cleaning and all other maintenance
- _____ 5. Correct lubricants
- _____ 6. Daily and periodic inspections
- _____ 7. Troubleshooting
- _____ 8. Machine storage
- _____ 9. John Deere Equipment parts and service
- _____ 10. Fill in model and serial numbers in the provide space on the introductory page of this manual
- _____ 11. Remove and file this page
- _____ 12. Give customer this operator's manual and encourage them to read it carefully and follow all operating and safety procedures.

Date Delivered _____ Model Number _____ Serial Number _____

Signature (dealer) _____ Signature (customer) _____

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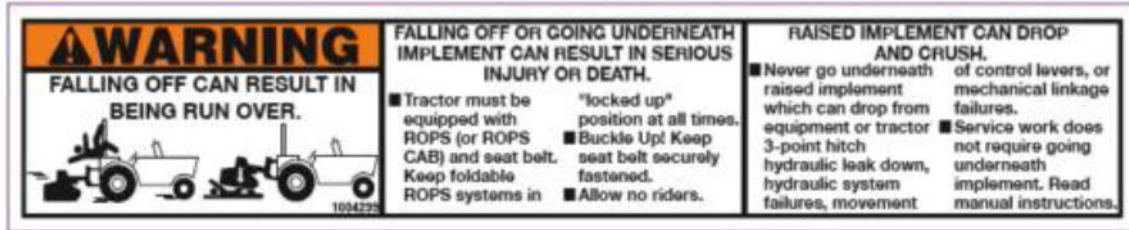
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Safety Precautions

1. Read this manual carefully before beginning operations.
2. Allow only properly trained personnel to operate this machine.
3. Read and adhere to all safety precautions posted on this machine and written in this manual. Review safety decal illustrations on page 7 and machine locations on pages 50-51.
4. Be sure that all guards are in place and properly secured; and all warning decals are in place and legible.
5. Be certain that all hardware is properly tightened.
6. Always use a tractor of sufficient size and weight to properly lift and carry machine safely and securely.
7. Be certain that no persons are standing near the machine before starting tractor engine.
8. Never allow passengers on tractor or machine.
9. Never attempt to service any part of machine with tractor engine running.
10. Always shut off engine; lock brakes and lower machine before inspecting, servicing or making any adjustment of any kind.
11. Never climb on machine when filling seed hoppers or servicing.
12. Never put hands, arms, feet or legs under machine when it is raised off ground with tractor lift. If machine needs to be raised to perform work; always securely block it up only as high as necessary to perform the services needed.

Safety Decals

Qty 1 – Falling Off Can Result in Being Run Over Warning Decal 2” x 10.25”



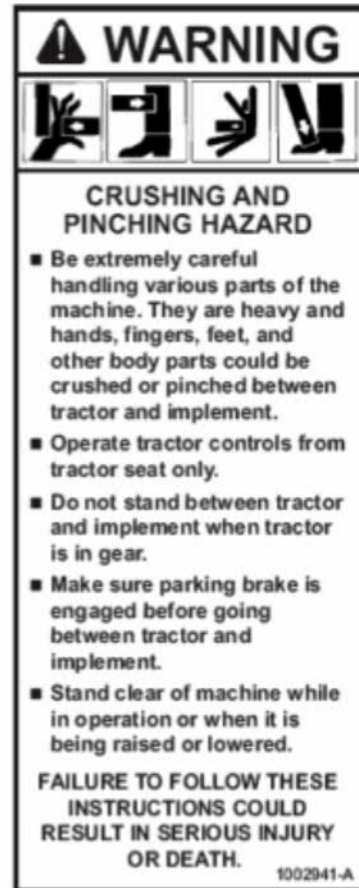
Additional safety equipment:

- Qty 2 – 2” x 9” Red Reflectors
- Qty 1 – 2” x 9” Yellow Reflector (CS1384 only)
- SMV sign

2” x 10.25”

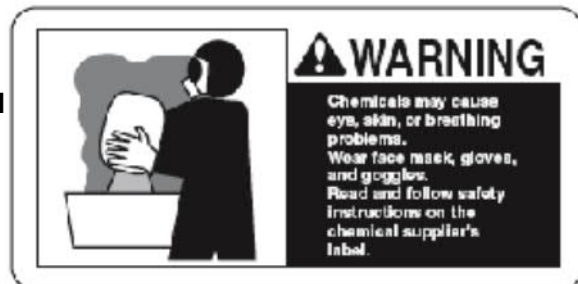
Qty 1 - Crushing and Pinching Hazard Warning Decal 2.87” x 7”

Qty 1 - To Avoid Serious Injury or Death Warning Decal 4.5” x 4.5”



Qty 3 - Do Not Step Warning Decal

Qty 1 - Chemical Warning Decal (Fert. Box only) 4” x 7.38”



Specifications

SPECIFICATIONS		
	CS1360	CS1384
HITCH	CAT 1 & 2	CAT 1 & 2
HORSE POWER (MIN)	30 HP	50 HP
WORKING WIDTH	60"	84"
OVERALL WIDTH	73"	98"
OVERALL LENGTH	67"	76"
OVERALL HEIGHT	48"	54"
WEIGHT	1480 lbs.	2090 LBS
LARGE SEED BOX CAPACITY	3-1/2 Bu. (4.4 Cu.Ft)	8-1/4 Bu. (10.3 Cu.Ft)
SMALL SEEDBOX CAPACITY	1-1/2 Bu (1.87 Cu. Ft)	2-1/8 Bu (2.64 Cu. Ft)
FRONT SPIKE ROLLER	15.75" O.D. w/ 72 spikes	19.75" O.D.w/ 150 spikes
REAR SPIKE ROLLER	15.75" OD w/ 114 spikes	19.75" O.D. w/ 144 spikes
REAR CULTIPACKER ROLLER	Fiber Reinforced Nylon Rings	Fiber Reinforced Nylon Rings
ROLLER SPIKES	AR-500 Steel	AR-500 Steel
SPIKE ROLLER DRIVE RATIO	15:22	15:18
SEEDBOX DRIVE RATIO	15:28 Standard	17:28 standard

Determining Correct Tractor Ballast



CAUTION: Front-end ballast may not always maintain the required stability if the tractor is driven too fast over rough ground with machine in raised position. Be safe and drive slowly under these conditions.

Install the proper amount of weight to the front of the tractor as recommended in the tractor operator's manual. For proper front end weighting, see the following implement code table.

NOTE: The implement code number represents the weight of the machine and how far rearward the weight is from the tractor.

			<u>Implement Code</u>
<u>CS1360 (empty)</u>			
<u>Large Seed Box, Small</u>			
<u>Seed Box and nylon</u>			
<u>rings</u>			
Weight	1420	lbs	99
CG distance	32.62	inches	
<u>CS1384 (empty)</u>			
<u>Large Seed Box, Small</u>			
<u>Seed Box and nylon</u>			
<u>rings</u>			
Weight	2090	lbs	151
CG distance	35.46	inches	
<u>CS1360 (full seed box)</u>			
<u>Large Seed Box, Small</u>			
<u>Seed Box and nylon</u>			
<u>rings</u>			
Weight	1490	lbs	103
CG distance	32.20	inches	
<u>CS1384 (full seed box)</u>			
<u>Large Seed Box, Small</u>			
<u>Seed Box and nylon</u>			
<u>rings</u>			
Weight	2235	lbs	161
CG distance	34.89	inches	

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