



## *Hydra Rake* *Owners Manual*



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# Serial Number Information

Please take time to record the serial number, dealer name and date purchased. The serial number is stamped into the serial number plate welded on the back of the machine at the upper latch plate. It will be a number similar to this example.      *HR7E12A18100*

**Serial Number**\_\_\_\_\_

**Dealer Name**\_\_\_\_\_

**Date Purchased**\_\_\_\_\_

# INTRODUCTION

CONGRATULATIONS on purchasing the very best engineered and manufactured brush rake on the market today.

Weber Manufacturing policy is one of continuous improvement. The right to change prices, specifications or design, at any time without notice is reserved.

All data given in this book is subject to production variations. Dimensions and weights are approximate only and the illustrations do not necessarily show rakes exactly as they are. For exact information about any particular rake consult your local dealer.

The following information will answer most of your questions regarding the Weber Manufacturing **HYDRA-RAKE** brush rake. However, if you have any questions please call your local dealer or Weber Manufacturing at (620) 251-8500.

# Operating Instructions

## IMPORTANT

Read and understand the following before operating your Hydra Rake.

Because of the possible severity of injury to persons or property from accidents, which may result from the improper use of this equipment, it is important that correct procedures are followed and common sense is exercised.

Inspections should be made on a regular basis upon installation of the machine and operational procedures specified in this manual should be followed to assure safe operation under prevailing conditions.

1. This unit is a precision piece of power equipment, therefore exercise extreme caution at all times.
2. Know the controls and how to stop the machine quickly.
3. Moving objects requires absolute attention. Take a moment with every payload and determine if the operating capacity might be exceeded.
4. Never move objects that are in direct contact with power lines or that might come in contact with power lines.
5. Never move objects that are on a grade steep enough that you cannot safely use your machine and always reduce speeds on steeper grades.
6. Never move objects that are close enough to water that they could turn your machine into the water.
7. Inspect hoses for bear spots or cuts and replace if found. Hot hydraulic oil can cause serious injury.
8. To prevent serious injury never close rake arm on or close to someone.

*Continued on next page*

9. Do not allow children to operate this machine. Do not allow adults to operate this machine without proper instruction.
10. To maintain control of the unit and reduce the possibility of damage to the skid loader or damage to the rake, operate the machine smoothly, avoiding erratic operation and excessive speed.
11. Keep the area of operation clear of all persons, particularly small children and pets.
- 12. Never carry a payload above ground level!!! Doing so may overturn machine and payload causing serious injury or damage!!!**

# HYDRA-RAKE SPECIFICATIONS

<b>Model</b>	<b>Total Weight</b>	<b>Frame Width</b>	<b>Frame Height</b>	<b>Upper Teeth Thickness</b>	<b>Lower Teeth Thickness</b>	<b>Teeth Width Options</b>
HR6	1000-1150 lbs	72"	34"	3/4"	1/2"	6" or 12"
HR7	1150-1350 lbs	84"	34"	3/4"	1/2"	6" or 12"
HR8	1300-1550 lbs	96"	34"	3/4"	1/2"	6" or 12"

## HYDRAULICS

Supply lines to skid steer or tractor  
Hoses from distribution block to cylinders

1/2 inch NPTF  
3/8 inch NPTF

<b>FRAME</b>	<b>1/2 INCH HIGH CARBON STEEL</b>
<b>GRAPPLE ARM</b>	<b>3/4 INCH HIGH CARBON STEEL</b>
<b>CYLINDERS</b>	<b>2.5 INCH WITH 1-1/2" CHROME SHAFT</b>
<b>TEETH</b>	<b>3/4 INCH ASTM 516-Gr70 STEEL</b>

# LUBRICATING INSTRUCTIONS

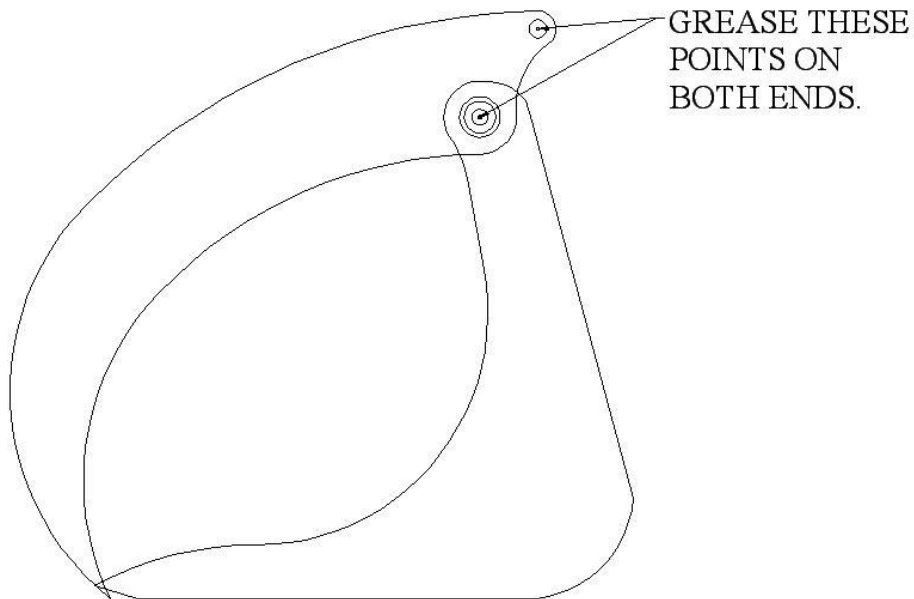
## HYDRA-RAKE BRUSH RAKE

There are four (4) grease fittings on the brush rake, one (1) in each end of the main hinges in the grapple arms and one (1) in each end of the top of the hydraulic cylinders.

Every three to four hours of operation both of these fittings should be greased with high temperature high pressure grease. This will insure grease has completely worked into every area of friction resulting in longer machine life.

### *GREASE MACHINE TWICE DAILY*

This machine must be greased until grease exits from the visible openings around the main hinge pins, which should be approximately 5-10 pumps of the grease gun.



**NOTE:** Failure to properly lubricate as recommended will result in gauling of parts and will not be covered under warranty. It is normal for the main hinge pins to take grease slowly when the machine is new due to tight tolerances in pins.



## LIMITED WARRANTY AND TERMS OF SALE

**WARRANTY:** WEBER MANUFACTURING, LLC products are warranted to the original retail purchaser against defects in material and workmanship which occur within twelve (12) months from the date of delivery to the purchase, or the date of delivery to the carrier in the case of F.O.B. shipments. WEBER MANUFACTURING, LLC's warranty shall be limited, at WEBER MANUFACTURING, LLC's option, to repair or replace any defective parts or components. Such repair or replacement shall be the purchaser's sole and exclusive remedy hereunder. Expendable components are excluded from this warranty. Normal wear and tear, along with routine maintenance, is always excluded from this warranty. Purchaser shall pay all transportation costs associated with request for warranty service, including costs and expenses of transporting the product or component part to WEBER MANUFACTURING, LLC service centers. Warranty service shall be performed by the WEBER MANUFACTURING, LLC dealer from whom the product was purchased, in the dealer's service department, during regularly scheduled hours of operation.

**WARRANTY VOIDED BY MODIFICATION, ALTERATION OR MISUSE:** This warranty is void if [1] the product is modified or altered in any way not approved in advance and in writing by WEBER MANUFACTURING, LLC, [2] if other than genuine WEBER MANUFACTURING, LLC parts have been installed, or [3] the product or its components have been subjected to misuse, neglect, accident, damage, improper maintenance, or improper operation.

**LIABILITY LIMIT:** WEBER MANUFACTURING, LLC shall not be liable in contract, tort, or otherwise, for any special, indirect, incidental or consequential damages, such as, but not limited to, loss of profits, loss of production, or from injury or damage caused by reason of the installation, modification, use, repair, maintenance, diagnostics, or mechanical failure of a WEBER MANUFACTURING, LLC product. WEBER MANUFACTURING, LLC shall not be liable for any cost incurred related to assessing, analyzing, or diagnosing to, or defect in, any product, regardless of whether it is a WEBER MANUFACTURING, LLC product or the product of another manufacturer, vendor or other third party. WEBER MANUFACTURING, LLC's warranties hereunder extend only to the direct customer of WEBER MANUFACTURING, LLC [or to the first user of the product if the direct customer purchases solely for the purpose of resale]. WEBER MANUFACTURING, LLC makes no warranties when the damage results from the failure to read, understand or follow all instructions in the operator's manual(s) and the equipment warning decals. The purchaser, or user of any WEBER MANUFACTURING, LLC equipment

shall be responsible for all ordinary maintenance, adjustments, and cleaning of the product. In the event that the WEBER MANUFACTURING, LLC product is not properly maintained, all warranties by WEBER MANUFACTURING, LLC are null and void. Certain component parts of WEBER MANUFACTURING, LLC products are purchased from other vendors. WEBER MANUFACTURING, LLC warrants these component parts only to the extent of the vendor's warranties. WEBER MANUFACTURING, LLC shall repair or replace such component parts in accordance with the vendor's warranty policy only if WEBER MANUFACTURING, LLC, in its sole discretion, determines such component parts to be defective.

**ASSUMPTION OF RISK:** Purchaser, and any subsequent user, assumes the risk of, and liability for, all loss, damage, or injury to persons or property caused by misuse of WEBER MANUFACTURING, LLC products. Misuse includes the failure to read, understand, or follow all instructions in the operator's manual(s) and the equipment warning decals.

**WARRANTY DISCLAIMER:** To the maximum extent permitted by applicable law, WEBER MANUFACTURING, LLC makes no warranties other than those stated herein, and these warranties are expressly in lieu of all other warranties, whether expressed or implied, including by way of example and not by way of limitation, any warranties of merchantability or fitness for a particular purpose, and also in lieu of any other obligations on the part of WEBER MANUFACTURING, LLC. During the period of the warranty, the exclusive remedy is repair or replacement of the product.

**MODIFICATIONS:** No representation or warranty, expressed or implied, made by any sales representative, or any agent or employee of WEBER MANUFACTURING, LLC which is not specifically set forth herein shall be binding on WEBER MANUFACTURING, LLC unless approved in writing by an authorized representative of WEBER MANUFACTURING, LLC.

**TAXES:** Unless otherwise noted, the price does not include any state or local, property, sales, use, or privilege tax or license. If any such charge shall be assessed because of, or in connections with, the transaction described herein, the purchaser agrees to pay the same or reimburse WEBER MANUFACTURING, LLC as the case may be.

**LOSS OR DAMAGE IN TRANSIT:** Any claim against WEBER MANUFACTURING, LLC for loss or damage to products in transit shall be handled as follows: Immediately upon delivery, purchaser must inspect product for damage. If damage is detected or suspected, purchaser must notify the carrier (by writing on the bill of lading – at the time of delivery) and must also notify WEBER MANUFACTURING, LLC within one [1] day of delivery (by phone call, email or letter) of any damage sustained to product. All RISK OF LOSS for damage in transit passes to purchaser upon acceptance of delivery, and any failure on the part of the purchaser to detect damage and/or failure to strictly adhere to the foregoing notification requirements shall constitute a waiver of claim and shall transfer all RISK OF LOSS to purchaser.

**GENERAL PROVISION:** The failure of WEBER MANUFACTURING, LLC to enforce any right will not be construed as waiver of WEBER MANUFACTURING, LLC's right to enforce performance in the future. The purchaser may not assign any rights or delegate any performance hereunder without the express written consent of WEBER MANUFACTURING, LLC.

**CLAIM/NOTICE OF DEFECTS:** In the event the purchaser claims that a WEBER MANUFACTURING, LLC product is defective, WEBER MANUFACTURING, LLC shall be given an equal opportunity for inspection, or, upon request, shall be furnished a sample of such product. Any claim must be made within thirty [30] days after receiving the product shipped hereunder, The purchaser shall set aside, protect, and hold such product without further processing until WEBER MANUFACTURING, LLC has an opportunity to inspect and advise the purchaser as to the disposition, if any, to be made of such product. In no event shall any WEBER MANUFACTURING, LLC product be returned, reworked, or scrapped by the purchaser without the express written authorization of WEBER MANUFACTURING, LLC.

**PATENT RIGHTS:** The purchaser agrees not to violate or infringe the patent rights relating to any WEBER MANUFACTURING, LLC product, or any other patent rights under the control of WEBER MANUFACTURING, LLC under which WEBER MANUFACTURING, LLC has the right to manufacture or sell. The purchaser also agrees not to contest WEBER MANUFACTURING, LLC's title to any and all such patent rights, nor the validity or scope thereof. The purchaser assumes liability for patent or copyright infringement when goods or products are made to the purchaser's specifications.

**NON-INCORPORATION:** Any terms consistent with those stated herein which may appear in the purchaser's formal order, or in any proposal for additional or different terms, or any attempts by the purchaser to vary in any degree, any of the terms of this offer, are hereby objected to and rejected, but such proposal shall not operate as a rejection of this offer unless such variances in the terms and the description, quantity, price or delivery schedule of the goods or products are deemed a material alteration hereof, in which event this offer shall be deemed accepted by the purchaser without said additional, or different terms.

**GOVERNING LAW, JURISDICTION AND VENUE:** All disputes arising out of this limited warranty and terms of sale shall be governed by the laws of the State of Kansas. The purchaser consents to the personal jurisdiction of federal and state courts in the State of Kansas, waives any argument that such a forum is not convenient, and agrees that any litigation relating to this limited warranty and terms of sale shall be held in District Court of Montgomery County, Kansas or the Federal District Court covering southeast Kansas.

**SEVERABILITY:** If for any reason any one or more provisions contained in this Limited Warranty and Terms of Sale are deemed to be invalid or unenforceable, the Agreement shall be construed as if it did not contain the invalid or unenforceable provision and the rights and obligations of the Parties shall be construed and enforced accordingly.



# OWNERS ASSISTANCE

We at Weber Manufacturing and your dealer want you to be completely satisfied with your investment. Normally your dealer's service department will handle any problems with your equipment. Sometimes, however, misunderstandings can occur. If your problem has not been handled to your satisfaction, we suggest the following:

1. Contact the owner or General Manager of your dealership, explain the problem, and request assistance. When additional assistance is needed, your dealer has direct access to the factory.
2. If you cannot obtain satisfaction by doing this, contact your Weber Manufacturing representative at (620) 251-8500 and provide them with the following:
  - ❖ Your name, address, and telephone number
  - ❖ Machine model and serial number
  - ❖ Dealership name and address
  - ❖ Machine purchase date and amount of use
  - ❖ Nature of problem

**Note:** When contacting a Weber Manufacturing representative, be aware that your problem will likely be resolved in the dealership using the dealer's facilities, equipment, and personnel. So it is important that your initial contact be with the dealer.