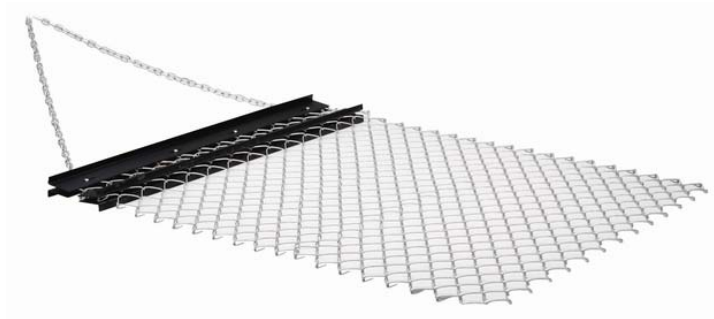




# ATV Drag Harrow

## OWNER'S MANUAL



### **WARNING:**

Read carefully and understand all **ASSEMBLY AND OPERATION INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury.

12112009

Item# DH-045

Thank you very much for choosing this product! For future reference, please complete the owner's record below:

Model: \_\_\_\_\_DH-045\_\_\_\_\_ Purchase Date: \_\_\_\_\_

Save the receipt, warranty and these instructions. It is important that you read the entire manual to become familiar with this product before you begin using it.

This machine is designed for certain applications only. The manufacturer cannot be responsible for issues arising from modification. We strongly recommend this machine not be modified and/or used for any application other than that for which it was designed. If you have any questions relative to a particular application, DO NOT use the machine until you have first contacted us to determine if it can or should be performed on the product.

For technical questions please call **1-952-938-5222**.

## GENERAL SAFETY RULES



**WARNING: Read and understand all instructions.** Failure to follow all instructions listed below may result in serious injury.



**CAUTION: Do not allow persons to operate or assemble this drag harrow until they have read this manual and have developed a thorough understanding of how the drag harrow works.**



**WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur.** It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.

## SAVE THESE INSTRUCTIONS

## WORK AREA

- **Keep work area clean**, free of clutter and well lit. Cluttered and dark work areas can cause accidents.
- **Keep children and bystanders** away while operating the **drag harrow**. Distractions can cause you to lose control, so visitors should remain at a safe distance from the work area.
- **Be aware of all power lines, electrical circuits**, water pipes and other mechanical hazards in your work area, particularly those hazards below the work surface hidden from the operator's view that may be unintentionally contacted and may cause personal harm or property damage.
- **Be alert of your surroundings**. Using a **drag harrow** in confined work areas may put you dangerously close to cutting tools and rotating parts.

## PERSONAL SAFETY

- **Stay alert**, watch what you are doing and use common sense when using a **drag harrow**. Do not use a **drag harrow** while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating a **drag harrow** may result in serious personal injury.
- **Dress properly**. Do not wear loose clothing, dangling objects, or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.
- **Use safety apparel and equipment**. Use safety goggles or safety glasses with side shields which comply with current national standards, or when needed, a face shield. Use as dust mask in dusty work conditions. This applies to all persons in the work area. Also use non-skid safety shoes, hardhat, gloves, dust collection systems, and hearing protection when appropriate.

## DRAG HARROW USE AND CARE

- **Do not modify the drag harrow in any way**. Unauthorized modification may impair the function and/or safety and could affect the life of the equipment. There are specific applications for which the **drag harrow** was designed.
- **Always check of damaged or worn out parts before using the drag harrow**. Broken parts will affect the **drag harrow** operation. Replace or repair damaged or worn parts immediately.
- **Do not exceed the drag harrow load capacity**.
- **Distribute the load evenly**. Uneven loads may cause the **drag harrow** to tip, resulting in personal injury to the operator or others.
- **Use the drag harrow on flat and level surfaces** capable of supporting the **drag harrow** and its maximum load. Pulling or pushing a load on a slanted or uneven surface can result in loss of control.
- **Store idle drag harrow**. When **drag harrow** is not in use, store it in a secure place out of the reach of children. Inspect it for good working condition prior to storage and before re-use.

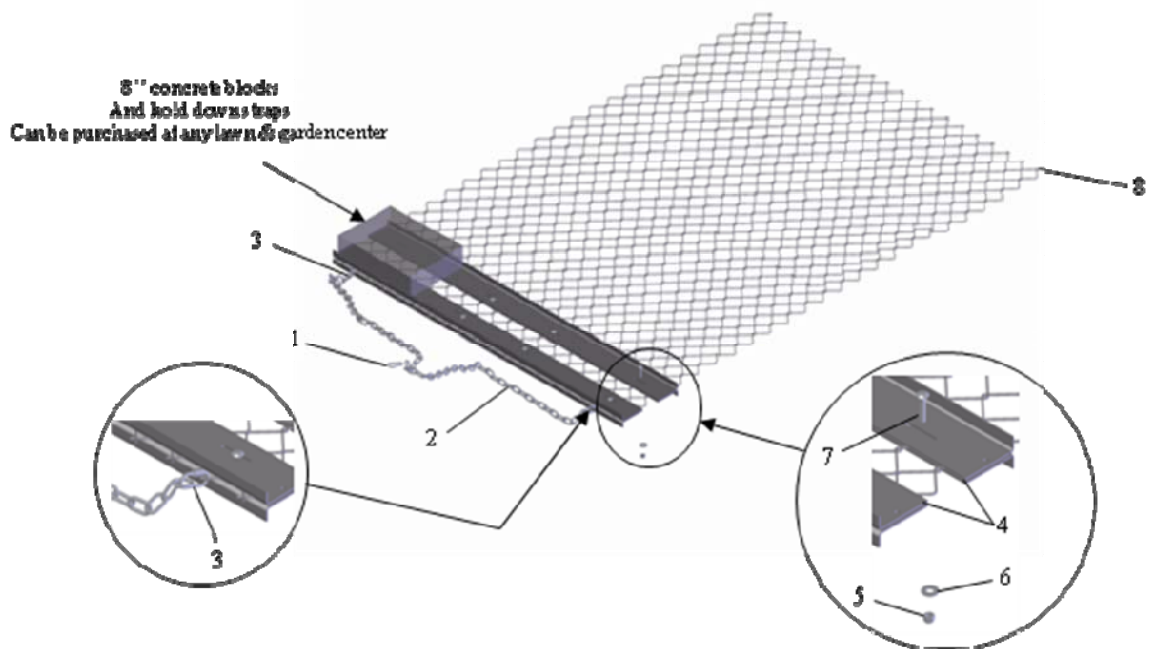
## **ASSEMBLY-(see parts list picture)**

- Lay harrow onto ground and stretch out flat.
- Rounded heads of carriage bolts on top.
- Check all fasteners to ensure they are tight.
- Fasten item # 1 quick link onto chain at any desired position to pull harrow straight or at angles.
- Additional weight may be added to unit by placing 8" concrete blocks along front as shown in figure above.
- Hold down straps may be necessary to secure blocks into place.
- After item #1 quick link is in desired position hook link into the hole of your ATV's hitch plate.

## **MAINTENANCE**

- **Maintain your drag harrow.** It is recommended that the general condition of any **drag harrow** be examined before it is used. Keep your **drag harrow** in good repair by adopting a program of conscientious repair and maintenance. If any abnormal vibrations or noise occurs, have the problem corrected before further use. Have necessary repairs made by qualified service personnel.

## DIAGRAM & PARTS LIST



Item No.	Description	Qty
1	QUICK LINK	1
2	6 ' CHAIN	1
3	3/16" CHAIN CONNECTOR	2
4	HARROW PLATE	4
5	M6 NYLOCK NUT	8
6	FLAT WASHER	8
7	M6 X 35 CARRIAGE BOLT	8
8	4' X 5' X 9-GA. LINK FENCE	1

For replacement parts and technical questions, please call **1-952-938-5222**.

## WARRANTY

One-year limited warranty



TG  
PO BOX 202  
Hopkins, MN 55343  
Made in CHINA