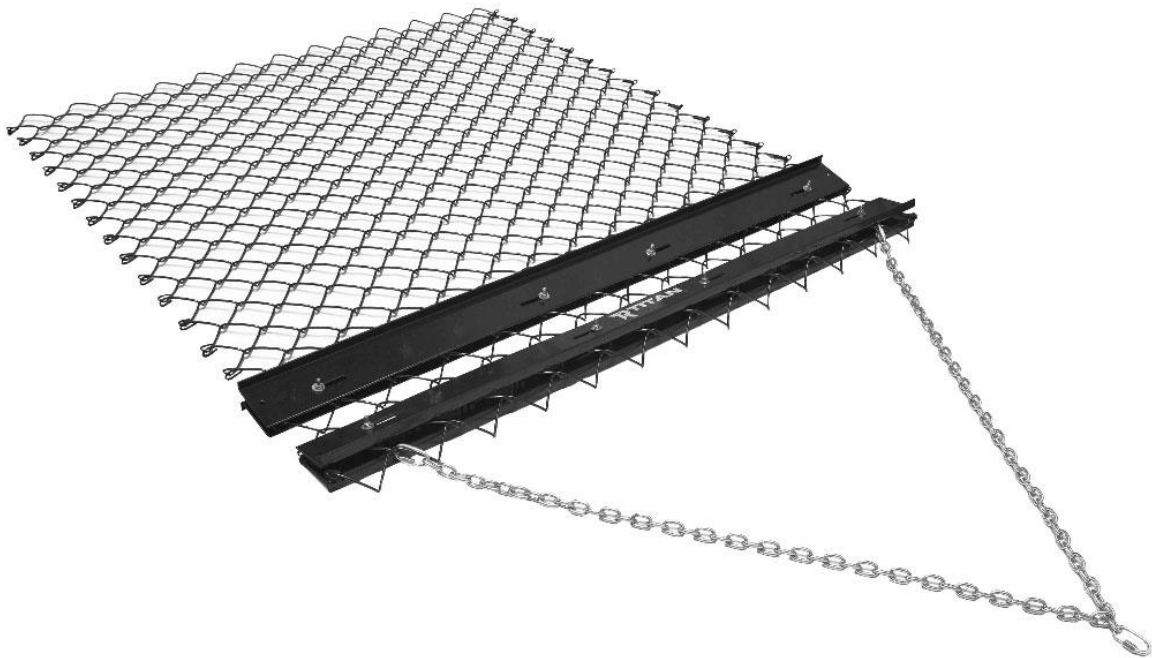


4' X 5' LIGHTWEIGHT DRAG HARROW

LWHRW45

332075



TITAN
RAMPS

Operator's Manual



Read the Operator's Manual entirely. When you see this symbol, the subsequent instructions and warnings are serious follow without exception. Your life and the lives of others depend on it!

GENERAL SAFETY INFORMATION

READ and UNDERSTAND this manual completely before using Drag Harrow.

Operator must read and understand all safety and warning information, operating instructions, maintenance, and storage instructions before operating this equipment. Failure to properly operate and maintain the drag harrow could result in serious injury to the operator or bystanders.

Pay close attention to the statements that follow. These should be used wherever applicable.

 **CAUTION**

Warns about hazards that may cause minor personal injury or property damage if ignored.

 **WARNING**

Warns about hazards that could cause severe personal injury, death, or major property damage if ignored.

 **DANGER**

Warns about hazards that will cause serious personal injury, death, or major property damage if ignored.

NOTE: Indicates special instructions, which are important but not related to hazards.

IMPORTANT: Indicates factors concerned with assembly, installation, operation, or maintenance, which could result in damage to the machine or equipment if ignored.

OPERATION WARNINGS

- Do not at any time carry passengers, sit, or stand on the drag harrow.
- Do not allow children to play on, stand upon, or climb on the drag harrow.
- Always inspect the drag harrow before using to assure it is in good working condition.
- Replace or repair damaged or worn parts immediately.
- Always check and tighten hardware and assembled parts before operating.
- Avoid large holes and ditches when operating the drag harrow.
- Always operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
- Do not operate close to creeks, ditches, and public highways.
- To avoid personal injury and/or equipment damage Do not exceed 10 MPH.
- Always use caution when operating the drag harrow and be aware of your surroundings.
- Only use with recommended vehicles (Tractors, Pick-ups and ATVs / UTVs).
- Always secure the drag harrow to the vehicle hitch before operating.

CRUSH AND CUT HAZARDS

- Always keep hands and feet clear from moving parts while operating the equipment.
- Always clear and keep work area clean when operating.
- Always wear safety gear, eye protection, gloves and work boots when operating the harrow.



WARNING

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

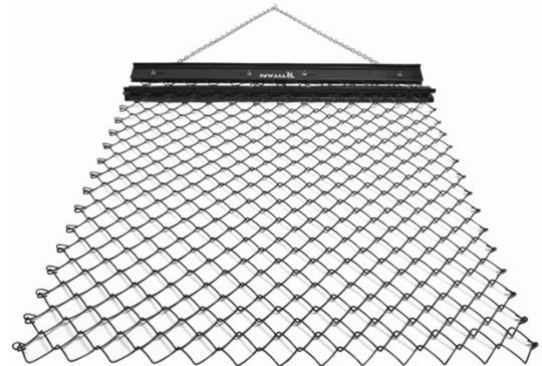
UNPACKING INSTRUCTIONS

This 4'x5' galvanized mesh is ideal for leveling or smoothing dirt/gravel and seeding lawns for food plots. Easy to attach to a vehicle (GT, ATV OR UTV).

UNPACKING

After unpacking unit, inspect any damage that may have during transit.

Check for loose, damaged parts.



SPECIFICATIONS AND DIMENSIONS

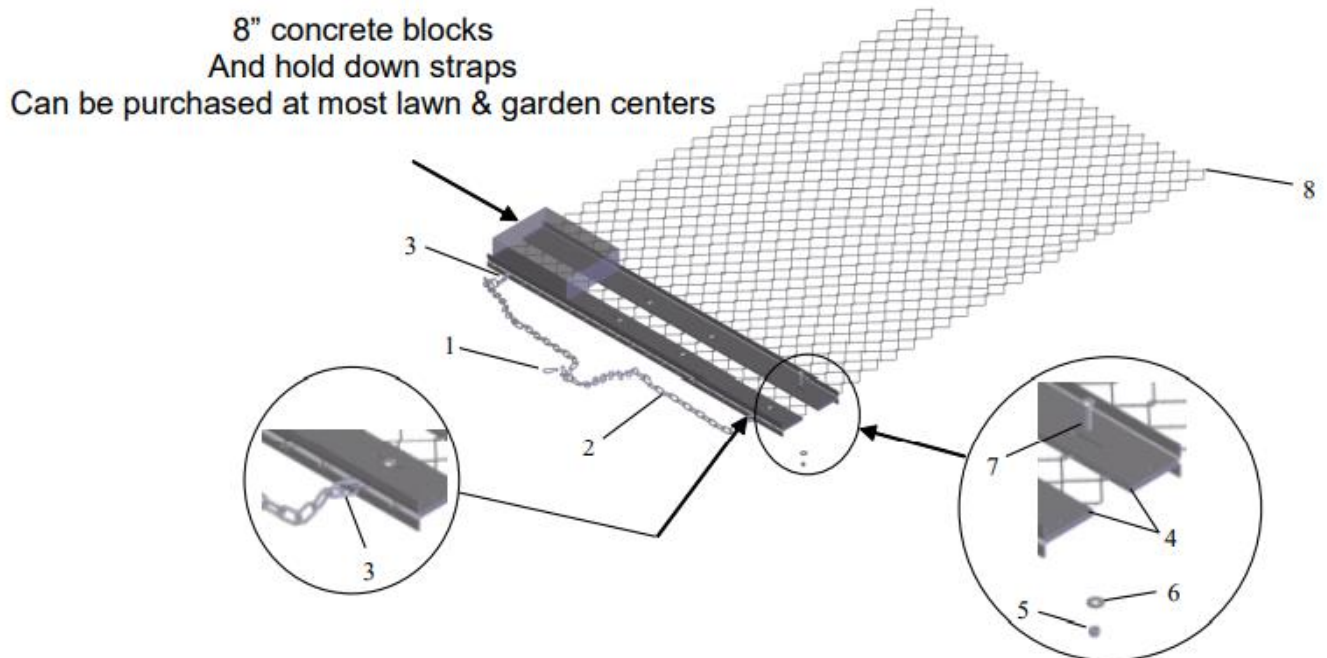
MESH DIMENSIONS IN FEET		
MODEL	LENGTH	WIDTH
SP31117	5	4

ASSEMBLY INSTRUCTIONS

Take all parts out of the shipping carton and inspect components to ensure there are no missing pieces before starting to assemble the drag harrow follow steps 1 and 7.

1. Lay harrow onto the ground and stretch out flat.
2. Rounded heads of carriage bolts need to be facing upwards.
3. Check all fasteners to ensure they are tight.
4. Fasten the quick link (1) onto the chain (2) at any desired position to pull harrow straight or at angles.
5. Attach both ends of the chain (2) to the chain connector (3).
6. Only use the drag harrow with approved vehicles.

NOTE: Additional weight may be added to harrow by placing 8" concrete blocks along the front section as shown in figure below. Hold down straps may be necessary to secure blocks into place.



OPERATION INSTRUCTIONS



WARNING

Before using the drag harrow, review the instructions below and safety information before operating. Failure to follow these instructions may result in property damage or injury to the operator or bystanders

USING YOUR DRAG HARROW

1. **Only** use approved vehicles when (Tractors, Pick-ups and ATVs/UTVs)
2. **Always** secure the drag harrow to the vehicle hitch before operating.
3. **Always** use caution when operating the drag harrow and be aware of your surroundings.
4. **Avoid** large holes and ditches when operating the drag harrow.
5. **Always** operate at reduce speed in rough terrain, along creeks, ditches and on hillsides.
6. **Do not** operate close to creeks, ditches, and public highways.
7. To avoid personal injury and/or equipment damage **do not exceed 10 MPH.**



WARNING

Improper maintenance and storage of the Drag Harrow may void your warranty.

MAINTENANCE

- Periodically check all fasteners for tightness.
- Annually clean and lightly lubricate parts.
- Use a glossy enamel spray paint to touch up scratched or worn painted metal surfaces.

IMPORTANT:

If a part needs replacement, only use parts that meet the manufacturer's specifications. Replacement parts that do not meet specifications may result in a safety hazard or poor operations.

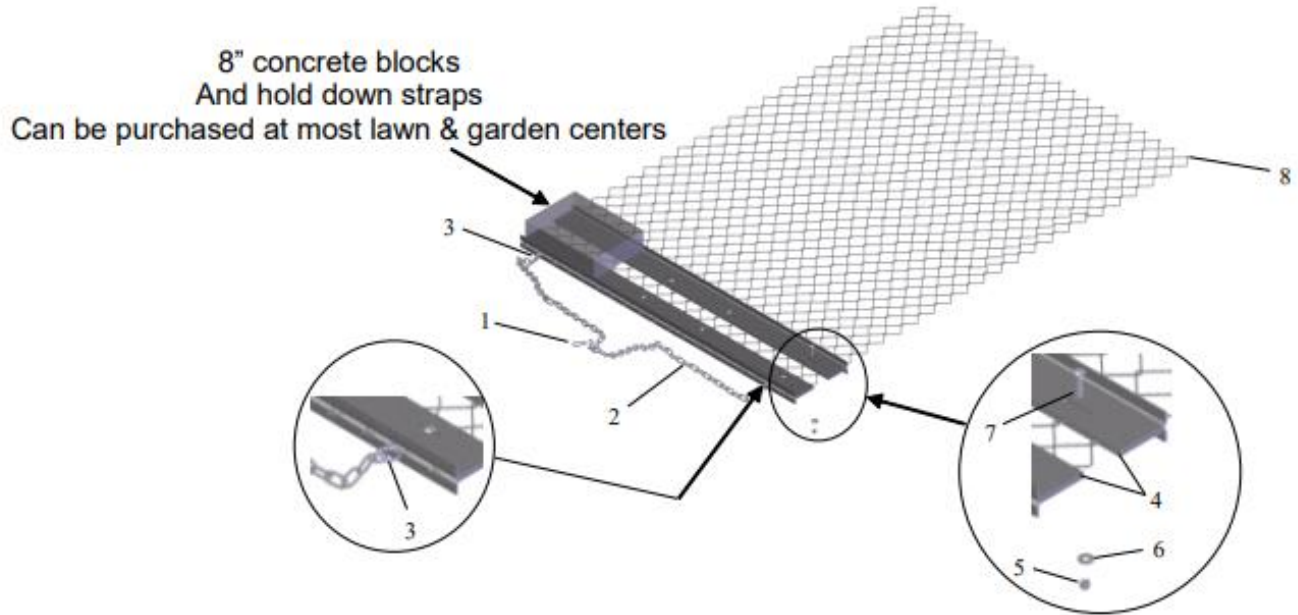
STORAGE

- Before storing make sure the drag harrow is clean and dry for years of trouble-free service.
- Store indoors or protected area during severe weather and winter months.

WARRANTY

Should this product fail to perform satisfactorily due to defect or poor workmanship within one year from the date of purchase, it will be replaced free of charge. Incidental or consequential damages are excluded from this warranty.

PARTS DIAGRAM & EXPLODED VIEW



KEY	BOX	DESCRIPTION	QTY
(1)	1	QUICK LINK	1
(2)	1	6' CHAIN	1
(3)	1	3/16" CHAIN CONNECTOR	2
(4)	1	HARROW PLATE	4
(5)	1	M6 NYLON LOCK NUT	8
(6)	1	FLAT WASHER	8
(7)	1	M6X40 CARRIAGE BOLT	8
(8)	1	4'X5' MESH	1

ACKNOWLEDGEMENT OF RISK AND RELEASE OF LIABILITY

The use of any equipment, including this one, involves the potential risk of injury. Apart from any warranty claim that might be presented for a claimed defect in material or workmanship of the product, you accept and assume full responsibility for any and all injuries, damages (both economic and non-economic), and losses of any type, which may occur, and you fully and forever release and discharge Titan, its insurers, employees, officers, directors, associates, and agents from any and all claims, demands, damages, rights of action, or causes of action, present or future, whether the same be known or unknown, anticipated, or unanticipated, resulting from or arising out of the use of said equipment.

This equipment must be used with care by capable and competent individuals under supervision, if necessary.

TITAN LIMITED WARRANTY: TERMS, EXCLUSIONS AND LIMITATIONS OF REMEDIES

This product comes with a one (1) year limited warranty that can be found at www.titanramps.com/warranty.html. Please review the same for all details regarding the Titan Limited Warranty.

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NEED HELP? CONTACT US FIRST.

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