



**IDEAL
INDUSTRIES**

Tile Trailer Operator's Manual

Single Axle Model

Dual Axle Model

Walking Beam Model

3 PT Hitch Model

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RECORD SERIAL NUMBER & DATE OF PURCHASE HERE



IDEAL manufactures heavy-duty trailers for agriculture and commercial use. Our trailers pair well with your pre-owned equipment because we strive to maintain standard sizing so your trailer lasts longer and is easier to use.

This Operator's Manual is intended to assist with operation and troubleshooting.

The following printed materials are provided separately:

- Trailer Axle Owner's Manual
- Statement of Origin Form

Please refer to the above materials for specific questions regarding your trailer axle and licensing requirements for your trailer, which are state specific.

Warranty: Ideal Industries, Inc. (hereinafter 'The Company') warrants to the original product purchaser (hereinafter 'The Customer') that the product for which The Customer received this warranty was designed, developed and/or fabricated using all due reasonable commercial care and good manufacturing practices. The Company's product shall be free from defects in material and workmanship for 180 days from the original date of purchase. The Company's sole obligation under this warranty is to repair or replace the product, at The Company's discretion. The Company must be notified in writing of any claim under this warranty within 30 days of any claimed lack of conformity of the product.

Warranty Limitations: Proper use and safe operation are solely the responsibility of the operator. This warranty will be interpreted pursuant to the laws of the United States and the State of Iowa.

If you have further questions, contact our
Service Department at 800-332-0005.

**ALWAYS
CALL
BEFORE YOU
DIG**



**One free, easy call gets your utility lines marked
AND helps protect you from injury and expense.**

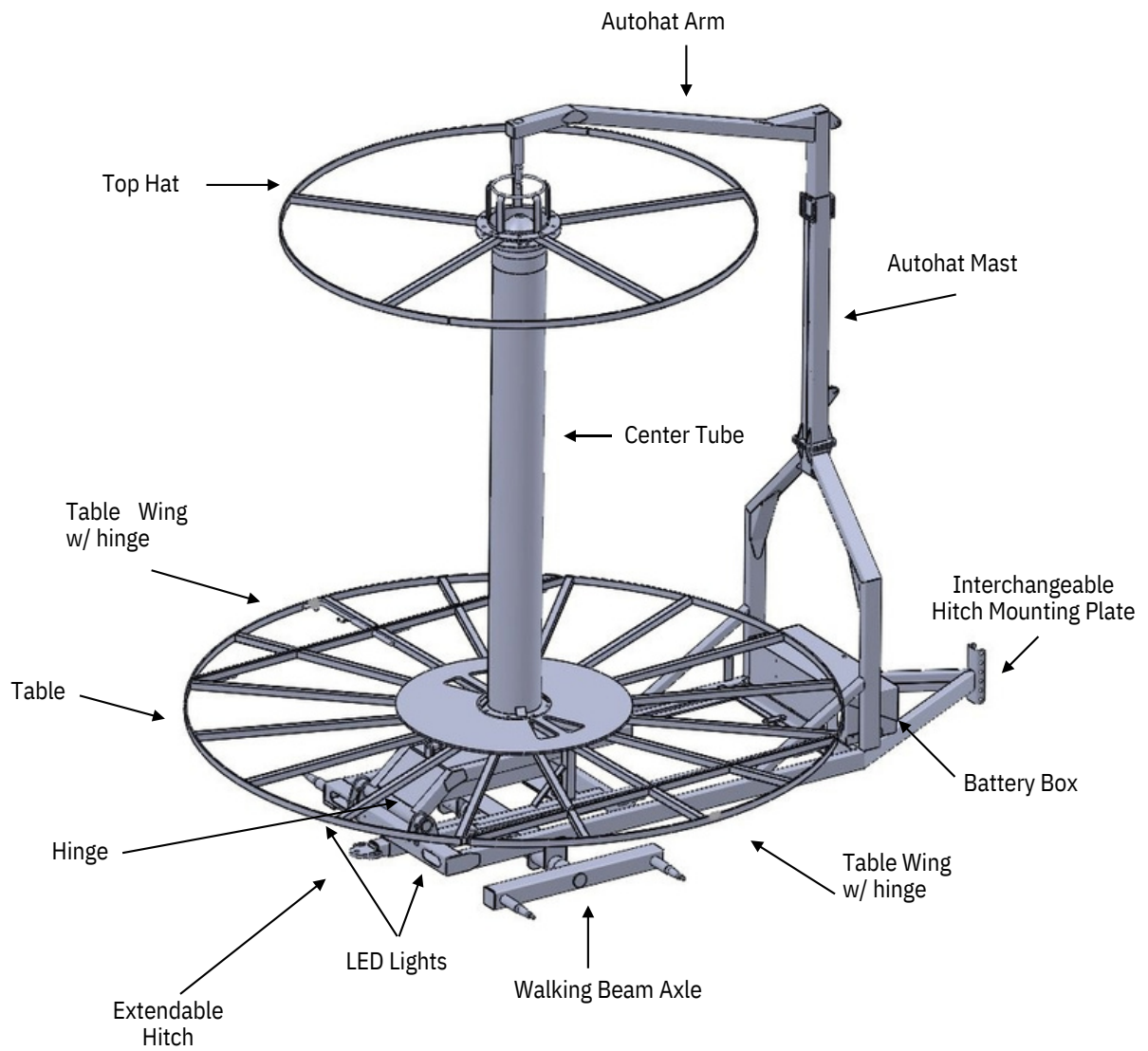
**Safe Digging Is No Accident:
Always Call 811 Before You Dig**

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Parts Diagram



Maintenance Schedule

Proper maintenance of your tile trailer includes lubrication of the bearings and pivots, as well as attention to the tires, hydraulic fluid, and battery. See the chart below for manufacturer recommendations.

NOTE: All maintenance should be performed while the trailer is stationary and parked on level ground. Stabilize the trailer using the attached jack(s).

TRAILER PART	MAINTENANCE
<p align="center">Bearings (located on the wheels and table)</p>	<p align="center">Lubricate once per year</p>
<p align="center">Hinge & Pivots (Hinge & Walking Beam Models)</p>	<p align="center">Lubricate once per year</p>
<p>Use the dipstick to measure and refill Hydraulic Fluid as needed Change biennially (every other year)</p>	
<p>Check tires for pressure and weathering Tires Maintain 35lbs pressure per tire</p>	
<p>Battery Check connectors to assure they are clean and tight</p>	

Frequency of inspection depends on trailer usage. A program of periodic service and maintenance check-ups will increase the life and efficiency of the trailer.



General Safety Standards

The following general safety standards are recommended by Ideal Industries for the proper operation of your equipment and to ensure the safety of the operator.

ROAD SAFETY

It is the owner's responsibility to know the requirements of local highway authorities and comply with regulations. Remember to take precautions to adjust for conditions when towing.

Trailer Considerations

1. Make sure your tow vehicle and the trailer are properly sized for use together.
2. Check your hitch connection to make sure the trailer is properly attached and locked and safety chains are secured.
3. Before each tow, check the trailer lights for proper operation.
4. Confirm proper tire pressure and inspect the tires for bubbles, bulges or excessive wear due to use or weather.

Roadway Clearance

Pay attention to clearance height restrictions and traffic considerations when using public roadways.



Trailer Height: Your tile trailer is 12'-13' tall. Be aware of railroad and highway underpasses where the clearance height may be a problem.

Trailer Width: The width of your tile trailer with the table wings folded is 8'. When loaded with a full roll of tile, that width may increase to 10' or 11'. Please note this difference when transporting a roll on the roadway and operate with caution.

When the tile trailer is empty, always fold the wings and lock them securely to the table with the pins provided.

MAINTENANCE PRECAUTIONS

Take care to make sure the trailer is firmly stabilized using the attached jack(s) before beginning any work on the trailer, such as greasing the bearings or checking hydraulic fluid. Most trailers have a single jack attached. 3-PT Hitch trailers have a jack on each corner to act as parking stands. Make sure your tow vehicle engine is off and parking brake is set before entering the area under the trailer or tilted table.

Hydraulic Safety

Always place hydraulic controls in neutral before disconnecting from the tow vehicle or working on the hydraulic system.

Be sure to relieve pressure before working on the hydraulic system.

Replace any worn out, abraded, flattened or crimped hoses.

Do not attempt any makeshift repairs to the hydraulic fittings. Such repairs are not dependable under the high-pressure conditions of the system and could create a hazard.

Wear proper protection for hands and eyes when trying to identify a leak in the hydraulic system.

Types of Tile Trailers

Ideal Industries manufactures four models of tile trailers: single axle, dual axle, walking beam, and 3 PT hitch models. Your choice of trailer should be based on the size and weight of your towing vehicle, your expected loads, and frequency of usage.

Single and dual axle trailers use rubber torsion axles. These axles provide extra “give” in the axle, without springs. See the Trailer Axle Manual that came with your trailer for detailed information.

SINGLE AXLE MODEL

This model has a single axle and one set of tires for smaller tow vehicles and lighter duty performance.

DUAL AXLE MODEL

The dual axle model has two axles and two sets of tires for larger towing vehicles and heavier duty performance.

Both the single and dual models utilize one remote control on a 25’ cord, which can be hooked up to the tow vehicle for convenient operation.

WALKING BEAM MODEL

This tile trailer model is built with a walking beam configuration, which allows for increased pivot of the wheels for smoother operation on rough ground. This model comes with a two-remote system with one remote on a 25’ cord to be hooked up to the tow vehicle and one remote firmly attached to the battery box.

3 PT HITCH

Ideal Industries manufactures a tile trailer with a 3PT hitch hookup. This option is suitable for working in muddy soil. Tractors with 4WD or tracks will be able to drive through less than optimum conditions with the tile trailer suspended behind.

Hooking Up Your Trailer

SINGLE AXLE, DUAL AXLE AND WALKING BEAM MODELS

No matter what type of hitch you use (ball, clevis, shackle, or pingel hitch), use caution when backing up to the trailer and make sure to secure all clips and pins.

3 PT HITCH MODEL

Back your tractor up to the trailer, lining up the three points of contact. Secure each contact point with a locking pin.

ALL MODELS

Hook up the RV plug to connect the tile trailer lights to your towing vehicle.





*** OPTIONAL EQUIPMENT : WIRELESS REMOTE**

Ideal has a wireless remote option for operating the hydraulic lift for the trailer table from your truck or trailer without any cords.

Loading a Tile Roll

Before a tile roll can be loaded, the table must be tilted 90 degrees and the top hat removed. (See the box below concerning Ideal's optional Autohat feature.)

RAISING THE TABLE

Always transport an empty trailer with the table wings securely folded to reduce the width of your trailer on the road. Once you are ready to load a tile spool, the first step is to unfold the table wings.

Unfolding the Table Wings

Release the pins that secure the wings to the table for transport. Unfold the wings and replace the pins in the clips to lock them securely. We recommend keeping the wing nearest to the ground folded when loading a spool to allow for more clearance in order to align the spool.

Tilting the Table

Use the table remote (corded or wireless options) to tilt the table toward the rear. Press the UP ARROW button to lift the table until the table is in position.

REMOVING THE TOP HAT

Remove the top hat manually by lifting and pulling until the top has been removed. Set the top hat aside until the tile roll is loaded on the center tube.

*** OPTIONAL EQUIPMENT : AUTOHAT**

Our Autohat technology allows one person to remove and replace the top hat *automatically* with a remote. You can lift and lower the top hat simply by pushing a button on a remote, all from the comfort of your truck or tractor! Remove the top hat **BEFORE** raising the table.

Once the top hat has been removed, align the trailer with the tile spool.

INSERTING THE TUBE INTO THE SPOOL

Back up the trailer until the center tube is completely inserted into the spool and the tile contacts the table. Misalignment could result in damage to the tile.

REPLACING THE TOP HAT

Replace the top hat manually. (Autohat technology is available for remote operation.)

LOWERING THE TABLE

With the center tube completely inserted into the spool, the tile contacting the table, and the top hat replaced on top of the center tube, use the table remote (corded or wireless options) to lower the table back into position on the trailer. Press the DOWN ARROW on the remote. Stay clear of the table while operating the remote.

NOTE: The tile trailer works best by having the outer tile wrap near the table and the inner tile wrap at the top. Use the UP and DOWN ARROWS to rotate the table as needed.



Stringing Your Tile

Once your tile spool has been safely loaded on the trailer and the top hat secured, you are ready to transport to the location where you plan to string your tile. Muddy conditions could result in problems with stringing your tile. Be sure to check your location in advance of stringing any tile.

OPENING THE ROLL OF TILE

To begin stringing your tile, remove the tile tie downs and release a short length of tile onto the ground before driving forward.

CONTROLLING YOUR SPEED

Gradually drive forward to dispense the tile. Maintain a consistent speed to help with smooth tile feed. Utilize the table brake to control the uncoiling speed.

CUTTING A TILE MID-SPOOL

If your job requires less than a full spool of tile, you will need to stop and cut your tile. Then secure the loose end to the spool using string, a rubber strap, or joint tape.

*** OPTIONAL EQUIPMENT : PARTIAL SPOOL**

IDEAL makes an optional cartridge (Heavy Duty Removable Spool) to move and store partial spools of tile. The tile gets loaded onto the cartridge (which is loaded on the center tube) and the cartridge provides a mechanism for securing the tile end and stability for the partially used roll of tile to be placed on the ground without unrolling.

Troubleshooting

Trouble with the operation of your trailer may be the result of normal wear and tear or usage issues which can be addressed with a simple fix or proper maintenance.

BEFORE YOU CALL US:

- 1 Check your hydraulic fluid levels. Refill as needed.
 - . Look for contamination in the fluid. Remove any contaminants or replace the
- 2 fluid.
 - . Examine all hoses and hydraulic lines for leaks. Repair or replace as needed.
- 3 Check your battery. Is it charged? Are the cables connected and intact? Are the connections clean?

4 COMMON CONCERNS:

PROBLEM: The table won't tilt up or down

SOLUTION: Check your battery and make sure it's charged. Check for tight, clean contacts.

PROBLEM: Table brake does not engage

SOLUTION: Check your battery and make sure it's charged. Check for tight, clean contacts.

PROBLEM: There's uneven tire tread on my tires

SOLUTION: Check for tire balance, spindle alignment, and appropriate tire pressure.

PROBLEM: Trailer pulls to one side

SOLUTION: Make sure tires are evenly inflated to the correct pressure. Use only matching, evenly worn tires. Check alignment.

PROBLEM: The wireless remote isn't functioning

SOLUTION: Examine the cords for damage or cuts. (For specific problems with the wireless remote, please refer to the separate manual included with your remote.)

IF YOU NEED TO CALL US:

If your problem persists, please have your trailer serial number ready when you contact our service department at 800-332-0005.

The serial number is etched on the bottom of the identification plate on your trailer.

