

Geo-Reel

Installation and Operation Manual



System Description

The Geotech Hand Reel and Geo Reel systems allow you to easily transport your water sampling systems in the field. The Hand Reel system is designed for pump and motor lead only as well as shallow bladder pump systems. The large and small Geo Reel systems allow for pump, motor lead, tubing, and safety cable for the Grundfos Redi-Flo2®, Redi-Flo4™ or bladder pump systems.

Geo Reels include:

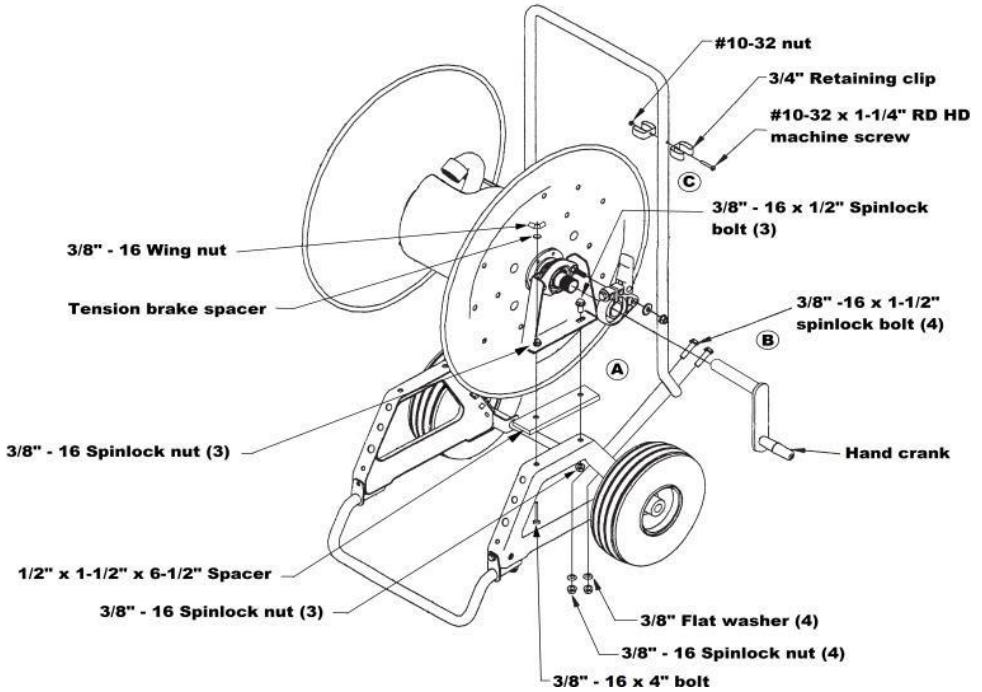
- Caddy for pump when not in use
- Panel mount Harting connector for RF2 reels

Hand Reels include:

- Caddy for pump when not in use
- Panel mount Harting connector for RF2 reels
- Size ranges up to 300' (91m)

Reel Assembly

1. Remove all parts and assemblies from shipping container and check to be sure all necessary hardware is present.
2. Install spool assembly on frame by inserting three 3/8" – 16 x 1-1/2" bolts downward through the bearing, spacer, and frame leaving the right front mounting hole open for spring drag brake mounting.
3. Tighten with 3/8" spinlock nuts.
4. Install the 3/8" – 16 x 4" bolt upward through the open hole in the frame, spacer, and bearing.
5. Install the spring drag brake by then inserting the bolt through the bottom loop of the spring, a spinlock nut and then the top loop of the spring.
6. Tighten the nut to the frame.
7. Place the tension brake spacer on the bolt and secure with wingnut.
 - See "A"
8. Install handle on rear of frame using 3/8" – 16 hardware provided.
 - See "B"
9. Install retaining clips on handle as shown with #10-32 hardware.
 - See "C"
10. Tighten all hardware.



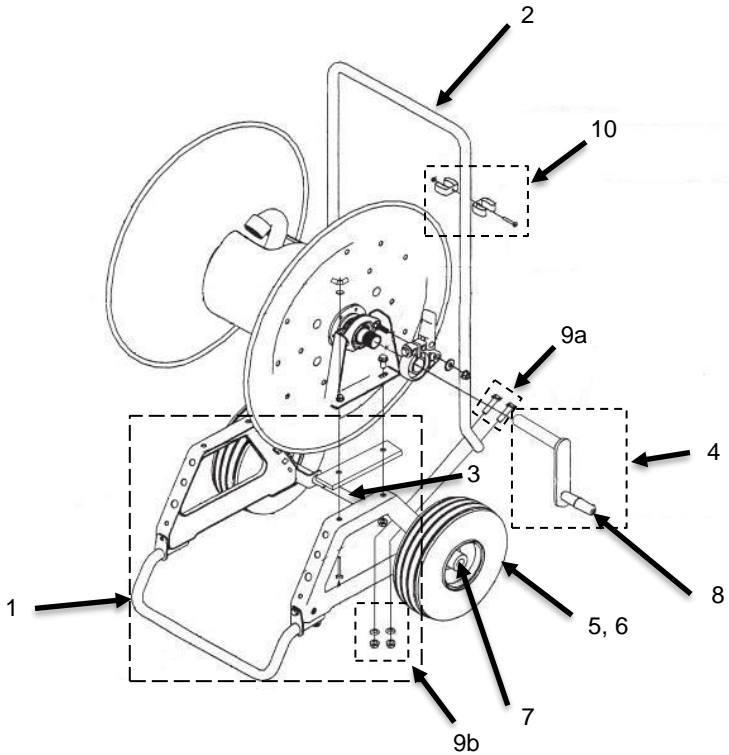
Operation

1. Before using hose reel be sure all hose connections are tight.
2. Set brake to desired tension.
3. To rewind hose insert handle in end of hub and turn clockwise, guide hose onto reel to ensure maximum capacity of reel.

Maintenance

1. Before using hose reel be sure all hose connections are tight.
2. Set brake to desired tension.
3. To rewind hose insert handle in end of hub and turn clockwise, guide hose onto reel to ensure maximum capacity of reel.

Parts and Accessories



Ref. #	Part Description	Part Number
1	FRAME, REEL, W/O WHEELS	11400083
2	HANDLE, REEL, DETACHABLE	11400082
7	HUBCAP, PLASTIC, RF2 REEL, HANNAY	11400058
Small Reels		
3	ASSEMBLY, AXLE, SMALL PORTABLE REEL	11400510
5	WHEEL, PLASTIC, RF2 REEL, HANNAY	11400057
8, 9a, 9b, 10	ACCESSORY, PACKAGE, HARDWARE FOR SMALL / LARGE GEO REEL	11400094
Large Reels		
6	TIRE, REEL, 4"X10", .75" AXLE DIA	11400084
7	HUBCAP, PLASTIC, RF2 REEL, HANNAY	11400058
4	HANDLE, REWIND, FOR 11400011 REEL INCLUDES HARDWARE	11400093
8, , 9a, 9b, 10	ACCESSORY, PACKAGE, HARDWARE FOR SMALL / LARGE GEO REEL	11400094

Geotech offers a variety of Hand Reels to fit a variety of site needs. For more information on additional Hand Reel options, contact Geotech at 1-800-833-7958.

REVISION HISTORY

Project #	Description	Date
1801	Release – StellaR	7/29/2019
1857	Added PN 11400094, relabeled part 4 on diagram – StellaR	10/30/2019

The Warranty

For a period of one (1) year from date of first sale, product is warranted to be free from defects in materials and workmanship. Geotech agrees to repair or replace, at Geotech's option, the portion proving defective, or at our option to refund the purchase price thereof. Geotech will have no warranty obligation if the product is subjected to abnormal operating conditions, accident, abuse, misuse, unauthorized modification, alteration, repair, or replacement of wear parts. User assumes all other risk, if any, including the risk of injury, loss, or damage, direct or consequential, arising out of the use, misuse, or inability to use this product. User agrees to use, maintain and install product in accordance with recommendations and instructions. User is responsible for transportation charges connected to the repair or replacement of product under this warranty.

Equipment Return Policy

A Return Material Authorization number (RMA #) is required prior to return of any equipment to our facilities, please call our 800 number for appropriate location. An RMA # will be issued upon receipt of your request to return equipment, which should include reasons for the return. Your return shipment to us must have this RMA # clearly marked on the outside of the package. Proof of date of purchase is required for processing of all warranty requests.

This policy applies to both equipment sales and repair orders.

FOR A RETURN MATERIAL AUTHORIZATION, PLEASE CALL OUR
SERVICE DEPARTMENT AT 1-800-833-7958.

Model Number: _____

Serial Number: _____

Date of Purchase: _____

Equipment Decontamination

Prior to return, all equipment must be thoroughly cleaned and decontaminated. Please make note on RMA form, the use of equipment, contaminants equipment was exposed to, and decontamination solutions/methods used. Geotech reserves the right to refuse any equipment not properly decontaminated. Geotech may also choose to decontaminate the equipment for a fee, which will be applied to the repair order invoice.

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