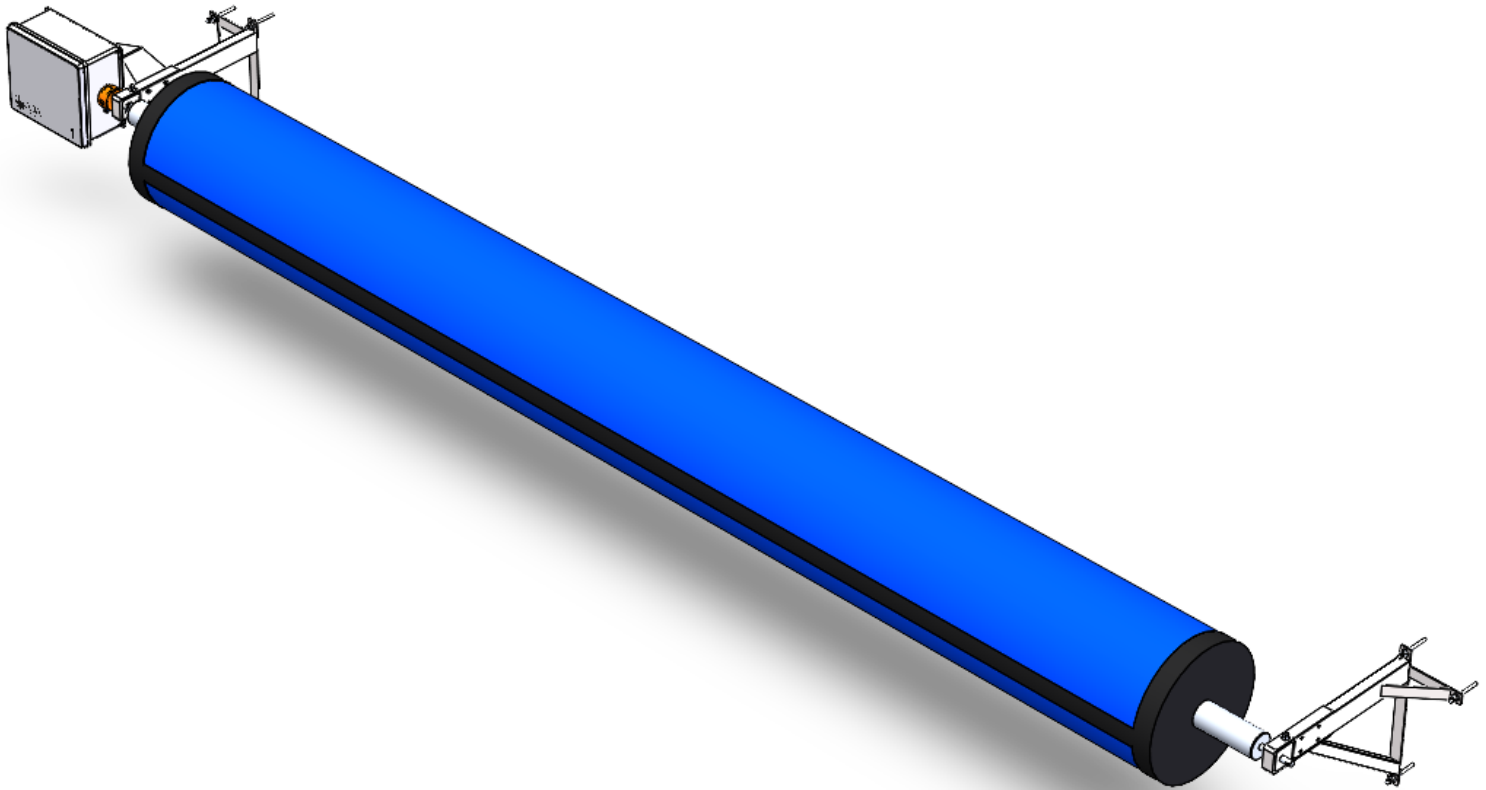


Wall Mounted Semi Auto Winder



Owner's Manual Assembly, Installation and Operation



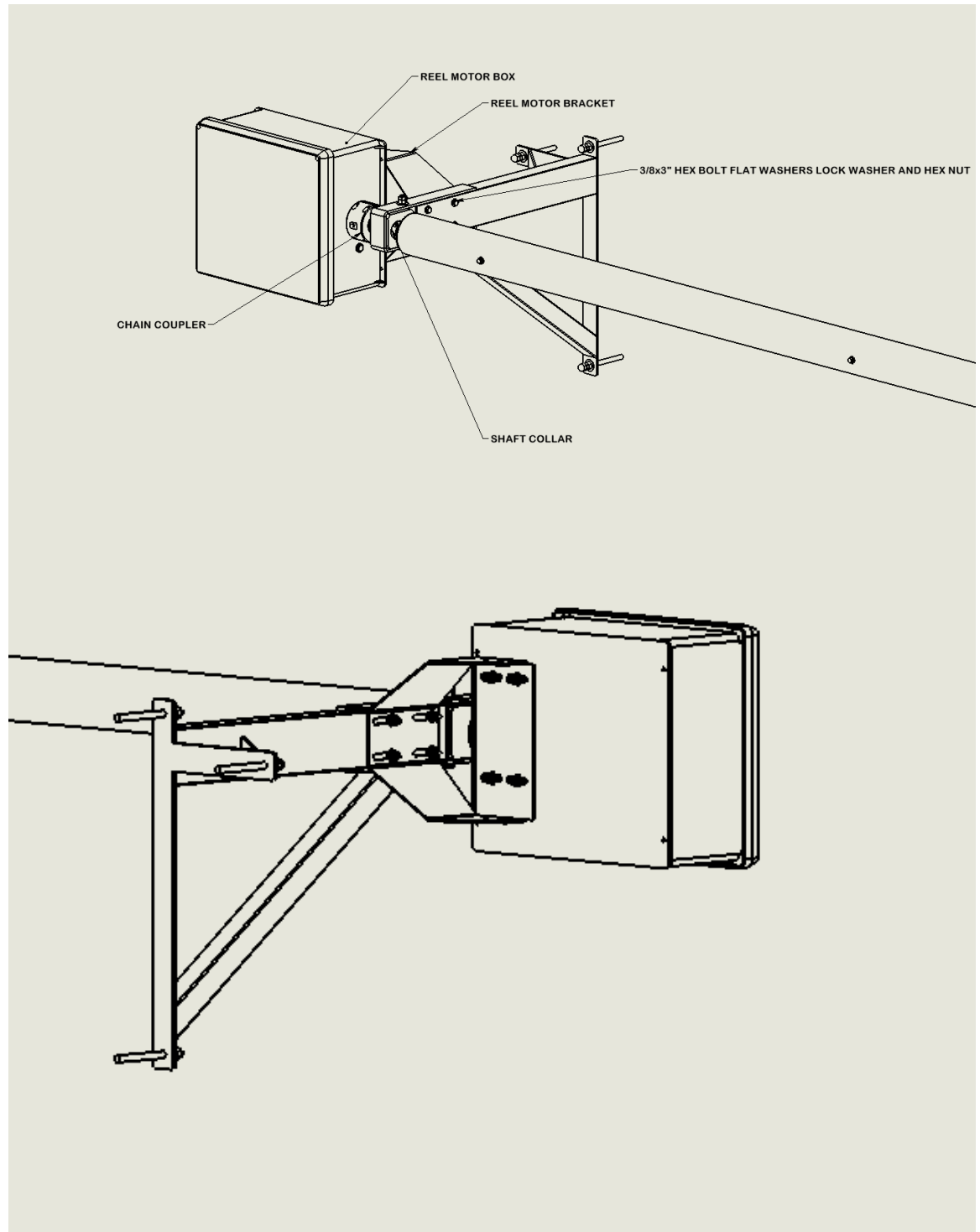
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The following tools will be required for a typical CMU, concrete, or brick wall installation.

- Masonry Drill and Masonry Drill Bit (typically 9/16" or 11/16")
- 3/4" Box End Wrench
- 3/4" Socket
- 9/16" Box End Wrench
- 9/16" Socket
- Socket Wrench
- Carpenters Level
- Allen Wrench Set
- Structural Epoxy and Applicator

Installation:

1. Determine the desired reel height and the not the location of the pool wall at that location. The centerline of the reel bracket typically extends 14" beyond the pool wall (confirm based on submittal drawings for special cases) .
2. Using the reel bracket make the three mounting hole locations.
3. Drill holes with appropriate size bit for mounting conditions.
 - a. Typical mounting is accomplished with included 6" threaded rods.
 - i. For installation in solid concrete recommended epoxy is Hilti HY 200A or similar (9/16" Bit)
 - ii. For installation in CMU and other hollow block construction recommended Hilti HY270 and matching epoxy screens or similar (11/16" Bit)
4. Mount first wall bracket and allow epoxy to set. Secure bracket with 1/2" hex nut, jam nut and acorn nut.
5. Insert remaining wall bracket on the reel tube and insert this assembly into the mounted wall bracket. Ensure reel tube is level and mark locations for remaining wall bracket mounting holes.
6. Remove the second wall bracket from the reel tube, drill holes and secure second reel bracket until epoxy is set.
7. Remove one of the wall brackets and install the reel tube and secure all wall mounting hardware.
8. Attach lead straps to the reel tube using the 5/16" hex bolts flat and lock washers.
9. Reel motor and mounting bracket can now be installed as noted in figure below.



10. Mount reel control box to desired wall location.
 - a. Near reels at ~4'6" elevation is typical.
11. Electrical connections from a dedicated 120V 20-amp circuit will need to be made to the L1 and L2 connections of each reel motor box.

12. Either of the reel motors L1 and L2 connection will also power the L1 and L2 termination in the control box
13. Terminals x14 and x15 connect the corresponding 14 and 15 terminals in the corresponding reel motor box and carry the forward and reverse signal.

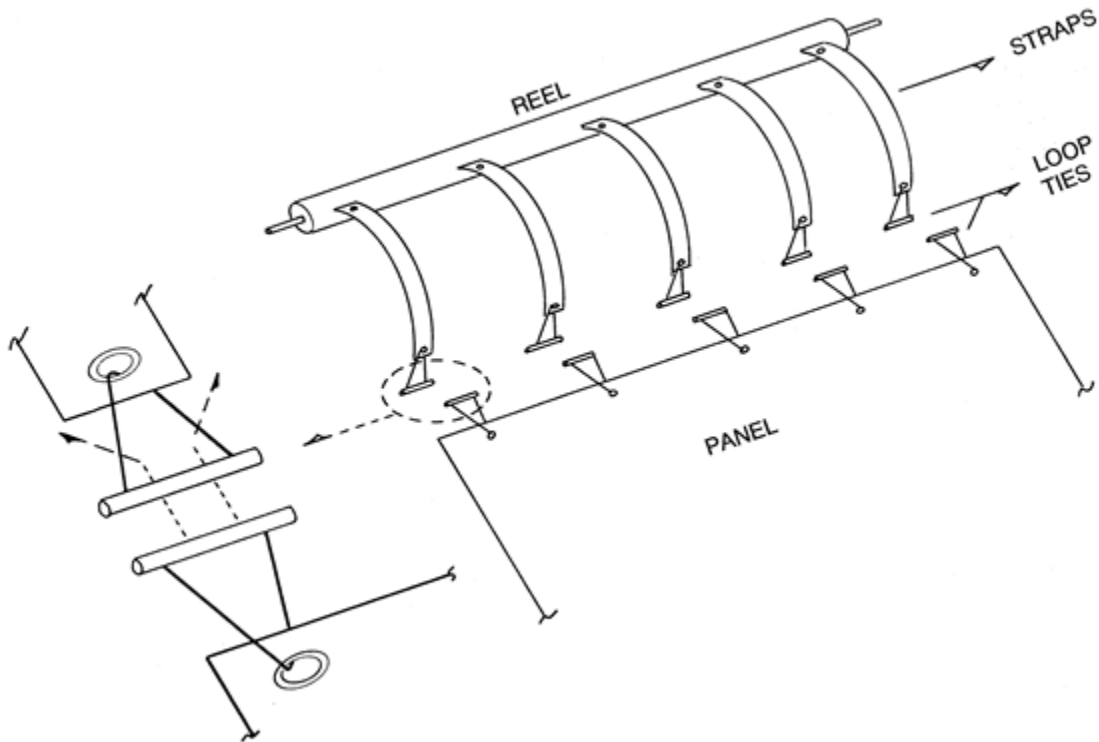
The installation of your Wall Mounted Semi Auto Winder is now complete.

Operation:

DO NOT use covers while pool is occupied.

DO NOT allow users to swim under pool covers

Blanket Assembly



The diagram above shows the typical attachment of a blanket to a winder reel. The loop ties attached through the grommets in the blanket are "twisted" through the loop ties in the lead straps, which are mounted to the winder tube.

Similar to the diagram above, multiple blanket panels can be attached together using loop ties between panels. Be careful not to exceed the maximum length of blanket on any individual reel tube.

Wind the blanket panels onto the take-up tube by pressing the retract button on the control box or remote. The blanket panels can be removed from the take up tube by pressing the deploy button on the control box or remote.

Maintenance:

Because of its unique design, this unit is virtually maintenance free. Its “solid stainless steel” construction ensures many years of trouble-free service. We also suggest that the facility check all bolts for tightness periodically. Any discoloration can be removed with a spectra claen, water, and a 3M abrasive pad.