

4-SPOOL THREAD CARRIAGE UPGRADE FOR HWS-1

HWS-TC4

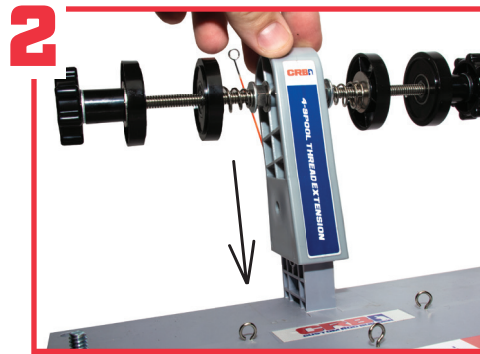
The HWS-TC4 is a 4 spool thread manager for the CRB HWS-1 hand wrapper. This easy to install "stacker" unit not only increases your ability to have 4 spools over the original 2 spool tensioner that comes on the HWS-1 hand wrapper, but it also incorporates the all new Ball Bearing mounted Thread Caps, conical spring tensioner and the oversized locking knobs that allow for easy tension adjustment.



ASSEMBLY AND USE



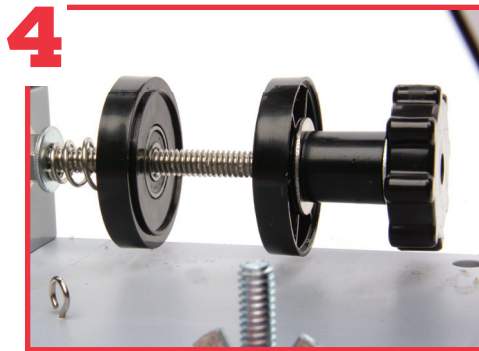
1 You will need to remove the threaded rod from the bottom hole of the HWS-TC4 stacker unit.



2 At this point you will slide the stacker over the existing center post on the HWS-1 Hand wrapper. The tolerances are very tight between the two of these parts and may require some manipulation of the product.*



3 Once you have slid the TC4 unit over the center post look to make sure the holes in each unit align, then slide the threaded rod through and lock into place with the included locking nut on either side of the post.



4 Install the remaining components to the bottom post in this order: Steel Washer, Conical spring, Washer, thread cap (smooth surface facing toward the end of the rod), thread cap (smooth surface facing toward the first thread cap), Large washer, spacer, washer, locking knob.



5 Once you're ready to wrap, just add up to four spools of thread between the two Ball Bearing centered Thread Caps and begin wrapping. The HWS-TC4 is designed to retain all functionality that is originally found on a stock HWS-1.

6 You will find with this unit the "Thread Caps" are designed to hold both 100 yd and 1 oz. size spools. These caps are also designed with a ball bearing center to allow for the smoothest thread tensioning available. There is a spacer on each side to be utilized when using 100 yd. spools, but should be removed when using the 1 oz. spools. Also standard with this unit is the oversized locking knob which makes fine tuning of tension a breeze.



WITH THE COMBINATION OF CONICAL SPRING TENSION, THE SOLID GLASS TENSION ROD, AND THE BALL BEARING SPOOL CAPS, YOU WILL HAVE THE MOST ADVANCED THREAD TENSIONING DEVICE AVAILABLE!

*You may find that on certain generations of the HWS-1 the center post is larger than the insert for the TC4 attachment. Removing the threaded rod from the center and utilizing a sheet of 80 grit sand paper making 3-5 passes on the HWS Upright will remove the 0.008" necessary to fit the new TC4 to your hand wrapper base.

CRBPRODUCTS.COM