

Polaris CT-500

Contents:

Carton 1: Polaris Slab Roller, Gear Guard, Crank Handle, 24" x 36" Canvas - Set of 2, and Spare Parts Package.

Carton 2: Table Topper - Set of 2

Please Note

Your Polaris CT- 500 slab roller has been designed to roll slabs without being permanently mounted to your work table. This allows the user to remove and store the slab roller and table tops for future use. If you prefer to permanently mount the slab roller to your work table, refer to the mounting instructions on the reverse side of this sheet .

When used in the free standing configuration, the friction strips on the bottom of the slab roller and the table tops must remain clean. Follow the cleaning instructions mentioned in the helpful hints section.

Assembly :

1. Remove the Polaris Slab Roller from the carton and set it with the bottom facing down on a clean dry smooth surface. Install the gear guard on the gear end of the slab roller using the hex key wrench provided. Position the slab roller with the gear guard end facing away from you and the roller shaft with the protruding crank handle pin facing toward you.
2. Find the crank handle and canvas sheets and remove them from the carton.
3. Open the other carton and remove the Table Toppers.
4. Turn the star knob on the crank handle counter-clockwise several turns, then slide the crank handle onto the roller shaft. BE SURE THE TWO NOTCHES IN THE END OF THE CRANK HANDLE HUB SLIDE OVER THE PIN THAT PROTRUDES FROM THE ROLLER SHAFT.
5. Hold the crank handle in place with one hand and turn the star knob, clockwise, with the other hand. DO NOT OVERTIGHTEN THE STAR KNOB.
6. Position the slab roller on your work table to insure free movement of the crank handle while it is turning. Remove the protective shipping foam between the two rolls by separating the rolls with the roller adjustment screws. Turn the crank handle one full turn to be sure that it turns freely without interference from the table edge.
7. Pick up one of the Table Toppers and notice that a notch has been cut in each of the stand-off rails. Install the Table Topper by aligning and then slipping the notches over the crossbar that runs the width of the slab roller. Allow the notches to seat fully so the stand-off rails make full contact with your work table surface. The Table Toppers are interchangeable and can be located on either side.
8. Repeat Step 8 for the other Table Topper.

Your Polaris Slab Roller is now ready for use. Thoroughly read the Operating Instructions before using the Polaris Slab Roller for the first time.

Option: Permanently Mounting The Polaris Slab Roller

Position the slab roller on your work table. Space will be needed for both table tops, so plan ahead. Also insure the crank handle can turn freely when attached. There are two mounting holes on the inside bottom of each blue end casting,(the castings are the two blue vertical end pieces of your slab roller that support the rolls). Using a marking pen, mark the area on your work table where the four mounting holes are positioned. Remove the slab roller and pre-drill holes for a 1/4" x 1" lag bolt (not included). If you are using a work table where the working surface is not wood, you may have to utilize a bolt and nut combination. After you have pre-drilled the holes, reposition the mounting holes of the castings and bolt the slab roller to your work table. Table tops are not permanently mounted, and may be removed to make space on your work table.

Helpful Hints

Cleaning the friction strips — The friction strips on the bottom of the slab roller and table tops must remain clean. Clean the friction strips with a mild soap solution or window cleaner. DO NOT USE FURNITURE POLISH.

Operating The Polaris Slab Roller:

1. FOR BEST PERFORMANCE, USE SOFT CLAY!
2. Shape the clay with your hands into a loaf approximately four times the thickness of the slab you plan to make.
3. Use the large star knobs and thickness scales to set the initial gap between the rollers about 1/4" narrower than the thickness of your loaf of clay.
4. Match up both sheets of canvas and feed approximately five inches through the rollers.
5. Lift the upper sheet of canvas from the back edge and lay it over the roller. Lay the clay loaf on the lower sheet snugly against the top canvas sheet. Drape the top sheet back over the clay.
6. Begin turning the crank handle toward you while pressing lightly on the clay. The clay and canvas should start moving through the rollers. If not, continue cranking while exerting more pressure on the clay. DO NOT PULL ON THE CANVAS SHEET FROM THE OTHER SIDE.
7. Once the clay and canvas start moving through the rollers, continue cranking until the canvas stops.
8. Use the star knobs and thickness scales to narrow the gap between the rollers another 1/2" , then roll the clay back through the rollers in the opposite direction.
9. Lift the canvas, inspect the clay and, if you need a rounder shape, turn the clay 90° on the canvas before narrowing the gap again and sending the clay back through. Repeat steps 8 and 9 until you achieve the desired shape and thickness.

Online Warranty Registration

Warranty information and online registration can be accessed via our website at northstarequipment.com . Click on the warranty policy and registration links on the home page and follow the instructions. Your North Star Polaris Slab Roller is warranted to be free of defects in materials and workmanship for the life of the machine, subject to certain conditions. Please visit our website for further details. Table tops carry no warranty other than to arrive in good condition and fit properly.