

ROLLNRACK

— Hose Management System —

www.rollnrack.com 262-363-2030



MADE IN USA

Thank you for purchasing the RollNRack Hose Management System.
Charge the battery pack. Leave connected and charging when not in use.

Power Roller calibration

Prior to operation, make sure that the coupling jaws are properly calibrated.

This is very important and will allow for flawless draining and rolling of that size hose for as long as you wish. Improper calibration may result in damage to the section of fire hose or the unit.

Coupling jaws are specific to hose couplings. Capturing of the coupling works best if the coupling jaws are as vertical as possible. Grab the motor side coupling jaw and rotate it until it is vertical. Coupling jaws are swapped by simply removing the retainer pin in the center of each of the jaws. The 5" Storz coupling jaws capture the coupling after the lugs and before the collar of the coupling. **Storz couplings should strike against the coupling jaw pin heads for perfect operation.** If you're standing at the handle of the unit, you should see both coupling jaw pin heads when jaws are vertical.

Press the motor side coupling jaw lever down to bring coupling jaw in to the center of the unit. Hold the coupling with one hand against the motor side coupling jaw and swivel the other coupling jaw lever to align with the coupling and press the lever down to the coupling. There should be some minor resistance. **Stop immediately if there is extraordinary resistance. Forcefully clamping down on the coupling will result in spreading the towers, and may seriously damage the unit.** To calibrate, loosen one of the coupling jaw lock knobs that are located on each coupling jaw drum. Rotate the red coupling jaw lever and set. This will adjust the jaw opening and align the latch so that when the latch is up, the jaw is retracted. When adjusted properly, jaws should capture the coupling snugly. Tighten the knob when you can clamp down on the coupling **without** excessive force. Always make sure this calibration procedure is followed. It is important that adjustments are made to both sides routinely to ensure that the hose rolled is centered in the unit. Some coupling jaws do have a specific side that rests against the hose. The 5" Storz jaws do not.

Coupling jaw set
shown 5" US Storz



PLEASE WATCH THE VIDEO DEMOS!

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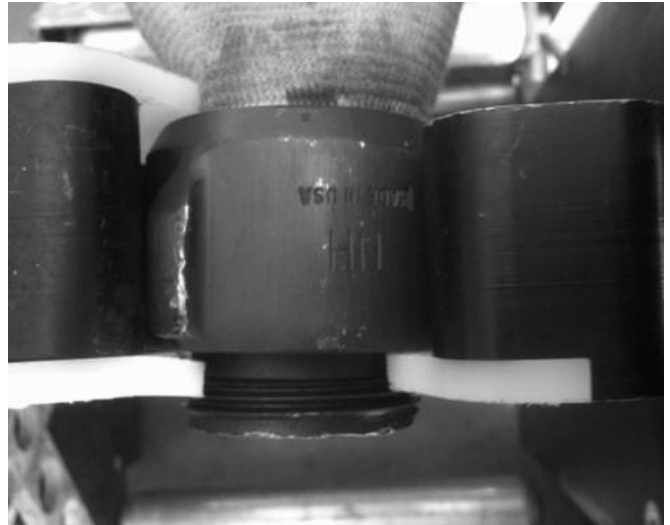


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The 2.5/3” M NST Combo jaw plates are reversed for each size and should fit snugly around the coupling body. If while spinning out the jaw lever, you get to the end of travel, turn back in and use the other side to calibrate. Do not force past the stop. Doing so will damage the unit. **The 2.5” jaws will not roll up 1.75” or 1.5” hose.**

The 2.5”/3” and 1.75” jaw sets are meant to capture the couplings firmly.

Here we’re showing the 1.75” M NST jaws. The double plate half should be on the motor side.



PLEASE WATCH THE VIDEO DEMOS!

Post a pic using your Power Roller and we’ll send you a free gift!



See other customer pics!

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POWER ROLLER OPERATION

Always operate Power Roller with gloves on.

Disconnect couplings and allow to self drain for a minute. Remove any twists in the hose line.

1. Capture the coupling with the coupling jaws (Make sure that the calibration steps have been followed first). Press one coupling jaw lever down (motor side first). Hold the coupling in one hand and swivel the other coupling jaw lever to align with the coupling and press the lever down to the coupling. There should be some minor resistance. **Stop immediately if there is extraordinary resistance and check for proper clamping location!** For smaller diameter hose, the male end is captured and the hose can be drawn to the unit.
2. Place drain attachment hose guide pins into the holes closest to the hose, but not binding hose.
3. Place the circuit breaker switch to the “ON ” position. The circuit breaker should always be stored in the OFF or down position. This is meant to prevent injury if the hand switch is accidentally engaged while transporting the unit.
4. Pull the Power Roller back to take out the slack and engage the hand switch. **DO NOT FEATHER THE SWITCH.** Hold the switch in until the entire length of the hose is drained and rolled. Pull back slightly to provide some resistance for tighter rolls.
5. Stop when the far coupling is about to lift off the ground in front of the swivel caster.
6. Place the coupling back over the hose roll. Wheel the unit to the rig (or trailer) and set the unit down about three feet away from the tailboard for loading.
7. Pull back on the red drain attachment side release handles at the same time while standing at the side of the Power Roller. This allows the unit to fall to the ground, engaging the brakes.
8. Lean hose away from one of the side coupling jaw levers and release that lever. Repeat for the other side. Do not lean on the roll of hose as you’re doing this. The hose roll can now be either loaded onto the rig, or rocked out of the unit.

REMOVING LDH ROLLS FROM UNIT

Lift the drain attachment and place onto the towers. Any other area used for lifting the drain attachment, may result in injuries. Grab the coupling and pull out about a foot of the LDH. Create a fold with the hose and lay the hose and coupling over the roll. The open coupling should be facing forward. The hose roll can now be rocked out. Grab the top sides of the roll with your thumbs inside the coupling, slide the coupling back and grip the hose roll. Rock the roll forward and out. Flip the coupling.

DO NOT LIFT HEAVY ROLLS OUT!

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Transporting the Power Roller

If the unit is to be transported, remove the drain attachment and the battery box. A two person lift is recommended for safely lifting the Power Roller—one person on each side of the unit. Secure the unit, drain attachment and battery box with suitable material (PAC brackets, etc...).

WARNING!

Do not lift the Power Roller by its handle when lifting. The locking handle pin may slip and result in injuries. The unit may also get damaged. A two firefighter lift from the sides is best.

Charging batteries (Troubleshoot here)

Your Power Roller battery pack has a Kussmaul battery meter. Hold down for four seconds with the battery pack plugged in to check charge status. The Power Roller's trickle charger has a red and green indicator light. Red means that the unit is charging. A Green light means that the battery pack is fully charged. There is no danger of overcharging the battery pack. However, battery life will be extended by unplugging the charger after charging. The battery pack may be left on the unit or off. Keep in mind that storing the battery pack inside and out of the cold weather will also extend the battery pack charge. Place the pack on the charger every couple of months to top off.

To test the charger, make sure the two piece charger cord is pushed into the block. Plug into the wall. You should have an orange/green glowing Power light.

Plug charger cord into the battery pack. You should have both red and green lights on. When the red light turns off, the pack is fully charged. If there is no power at the handle switch, make sure the circuit breaker RESET switch is in the upward position. If the batteries are older than four years, they should be replaced to keep them fresh.

Quarterly Maintenance

General Cleanup/water rinse down /degrease

Spray WD-40 on the handle and all pins

Apply Petroleum based lube on the stainless steel cross bars and coupling jaw pins

Check and adjust slider bar

From time to time, the slider bar will need minor adjustment with a rubber mallet to function properly. Kneel down at the front of the 'Rack. Move the slider bar all the way to the left. If it will not slide over, loosen the bar's bolts on the frame. Tap the slider bar lightly at the top and the bottom, to the left. Repeat if necessary. Slide the bar to the right and tap the bar to the right. This is meant to straighten the slider bar slightly and keep it performing properly. Tighten bolts.

Check tire pressure (50psi on all tires)/ Grease swivel caster

Check overall operation

The charger is a battery tender. It can be left connected to the battery pack. You can also disconnect when charged.

If the unit is used in snow, rinse off completely, salt is very bad for aluminum! **Do NOT store outside**