



## **OPERATING & SERVICE INSTRUCTIONS**

### **Model MP-3 Manual Post Puller**

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Your Rhino Model MP-3 Manual Post Puller has been designed to make pulling posts as easy as possible.

It is **VERY IMPORTANT** to understand your post puller operating instructions before using your unit. It is also very important that you make sure all operators are trained to operate your post puller safely. If you or any operator doesn't understand any of the instructions, call Rhino collect, at (309) 853-5555, and we will be happy to answer any questions.

**⚠ WARNING – AVOID SERIOUS INJURY OR DEATH,  
READ BEFORE USING YOUR POST PULLER!**

#### **GENERAL INSTRUCTIONS**

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The MP-3 Manual Post Puller is meant to pull posts up to 4" x 4" wood posts or 4" x 6" H column beams. Do not overload the post puller. It is designed as a 3 ton puller.

**⚠ WARNING – DO NOT USE THE MP-3 MANUAL POST PULLER FOR ANY  
APPLICATION OTHER THAN THOSE SPECIFIED BY THE MANUFACTURER**

#### **SAFETY EQUIPMENT:**

Do not operate the post puller unless the operator and any others near the post puller are wearing hard hats, safety glasses, safety shoes, back supports, and any other safety equipment advised by ANSI, NIOSH, OSHA, or any other safety regulatory agency, or the employer or the owner of this post puller.

#### **CARRYING/ STORAGE CONFIGURATION:**

The Model MP-3 Manual Post Puller is shipped to you in the carrying/storage configuration. The unit should be carried by the round lever handle located on the back of the unit.

#### **SETTING UP FOR USE:**

Set the puller with its base as close to the post as possible. Remove the lever from its storage position by grasping the bottom of the handle, pushing up and rotating slightly, which automatically pushes in the spring loaded pin to remove the handle from its socket. The Chain/Hook Assembly has a large swivel chain hook on one end and a smaller clevis chain hook on the other end. The large swivel chain hook is for use with the Rhino Post Grabber while the smaller clevis chain hook is for use with any additional chain that is wrapped around the post being pulled. Additional chain must be at least 3/8" grade 80 chain with a minimum working load capacity of 3 tons. Place a Rhino Post Grabber around the post to be pulled and connect it to the large swivel chain hook. If additional chain is used, double wrap the chain around the post and cross the chain over itself. Crossing the chain over itself causes it to tighten up on the post as you start to pull. Lift the lever/handle until it is a little above level and make sure the chain assembly is at the first notch with the hook being used hanging down. The post grabber or wrapped chain on the post should be few inches off the ground. This will allow the post grabber or chain to slide down the post as the lever/handle is raised for the down stroke of the lever that will pull the post. Connect the safety restraint now.

#### **CONNECT SAFETY RESTRAINT:**

Detach the hook of the safety restraint from its storage position and hook it into the middle of the chain assembly making sure the other end is still attached to the puller.

#### **⚠ WARNING**

**ALWAYS USE THE SAFETY RESTRAINT WHILE PULLING A POST.** The purpose of the safety restraint is to restrain the hook, post grabber, chain, etc. from striking the operator in the event the chain or other pulling device breaks when the post is being pulled.

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**⚠ CAUTION**

**SAFETY CHECKS: ALWAYS PUT SAFETY FIRST!** Check your MP-3 each time you use it for chain wear, worn pins, missing cotter pins, cracks, bulges or abnormalities in welds, chain, post grabber, hooks, chain assembly devices, base, pins, grease fitting or any other part on or used with the puller. Do not repair any parts. Immediately replace worn or defective parts with new ones. Do not use the post puller with worn or defective parts. Doing so could result in serious injury or death.

**⚠ CAUTION**

**SAFETY PRECAUTIONS DURING USE:** Stay clear of the chain assembly, chains and/or grabber during use and always use the safety restraint while pulling. If it is necessary to use a chain, always use a chain that is at least 3/8" grade 80, in excellent condition and has a working load rating of at least 3 tons like the MP-3. A broken chain can whip upward and/or around causing injury. It is always best to have at least two people when pulling a post, one operating the post puller and one to control the post so it will not fall and injure someone as it comes out of the ground.

**USING THE POST PULLER:**

Fully extend the lever in the lever/handle assembly and push down to pull the post. If the post doesn't start to pull from the ground, place the chain in the second notch of the chain receiver closest to the pivot point for maximum pulling power.

Do not attempt to pull posts that have been set in concrete if the foot of the MP-3 is setting on top of the concrete the post is embedded in. Set the puller on the soil next to the concrete. You may have to put planking under the foot to keep it from sinking into the soil. As you pull the post, you will need help to place wedging to keep the concrete base from sinking back into the soil as the puller is released after each pulling stroke.

In some cases, posts may be very hard to pull. The larger the post, the more force it takes to pull it. Sometimes the posts rust and seem to bond with certain types of soil. When some soils dry out, they become concrete-like and make it very difficult, if not impossible, to pull. If you have a post that is difficult to pull, start to pull the post and, while there is pressure pulling on the post, have someone hit the post with a sledge hammer to shock it and perhaps cause it to release from the soil. Some posts may be so firmly embedded in the soil that they will have to be dug out.

**STORING THE POST PULLER:**

After the post is pulled, unhook the safety restraint from the chain/hook assembly and hook it in its storage position. Remove the post grabber or chain from the post. Place the post puller lever/handle back in its storage socket. Make sure the spring loaded pin is showing and extended to secure the handle in its socket. Be sure to keep fingers clear of any pinch points, etc. The unit is now ready to be stored until you need it again.

**⚠ WARNING**

If your MP-3 warning label is marred or destroyed, replace it immediately. Simply call Rhino Tool Company and we will send you a new warning label at no charge.

**⚠ CAUTION**

Do not repair any MP-3 parts. Order new ones. If the chain/hook assembly becomes worn, replace it immediately with a new chain/hook assembly.

If your Model MP-3 Manual Post Puller, or any other Rhino product or part is not performing properly, let Rhino or your Rhino dealer, distributor or representative know. If you don't know what is wrong with your Rhino unit, you can send it, freight prepaid, to Rhino Tool Company and we will examine it free of charge and let you know what is wrong, if it can be fixed and what it will cost for repair. Remember, freight must be prepaid so please call first so we are expecting your unit. If there is nothing wrong with your unit or if your unit is repaired, Rhino always replaces all bolts, lock washers and gaskets with a charge for those parts along with reassembly.

You have purchased a quality, rugged post puller and if you give your Rhino Post Puller reasonable care, it will give you efficient, trouble-free service.

If you have any questions regarding the operation of your Model MP-3 Post Puller, please let us know - we will be happy to help.



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