

The Liberty Portable Decoiler

Instruction Sheet

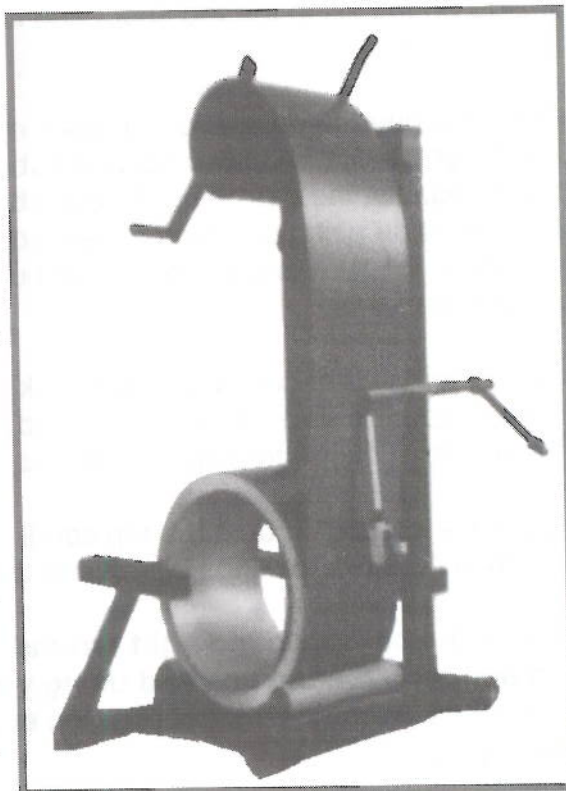
Congratulations on the purchase of your Liberty Portable Decoiler. We are proud to bring you the most economical and versatile decoiler for gutter coils. This simple manual will give you the instructions you need to set up and successfully use your machine.

Acquainting yourself with your machine:

The machine comes assembled, with the exception of the footage counter and rollers. Once you remove any wrapping, please go over the decoiler to acquaint yourself with the machine. On the bottom install the two 15" long rollers that act as a cradle for the coil. Above the left 15" roller and towards the back of the machine goes an 8" roller that guides the gutter coil to keep it in place. Directly in front of that stationary 8" roller install another 8" roller that slides in and out to keep the coil in place. It locks in place with a turn screw on the bottom left side of the machine. Roller have one end that is spring loaded. Place the opposite end in the one end and push in the spring loaded end in the second one.

To install foot counter slide the angled rod through the steel sleeve on right side so the end with the hole drilled in is pointed down. Slide the rod with the screw tightener over the horizontal rod and slide the foot and inches counter over the end. Make sure the tightening screw is facing away from the coil cradle.

On the right hand side of the machine is the counter arm-- the 1/2" rod angled rod with a hold in the end. This arm is adjustable according to the length of the rubber strap and tension required for the counter to be snug against the coil as it is decoiling. The counter is on an arm that slides back out of the way for ease of loading the coil. The rubber strap can be adjusted and the front arm can be adjusted so it hits the coil at the proper angle.



The top of the machine is made up of the center spool. It has a handle that is disconnected with two snap pins. With the handle off of the top spool, the coil that has to be decoiled can be slid off the coil. This top spool has a slot cut into it that is for a 1" tab about 3" long to be cut and bent down at greater than a 90 degree angle. This is needed in order to cause the top spool to pull the bottom coil along the rollers to decoil it without any problems.

To the left of the top spool is a small rod that hinges and can be swung towards the back spokes of the top spool. This is a brake that is used as you decoil your coil and get to the exact position that you want. When you get to that spot, hinge the rod forward, and it will stop on one of the back spokes of the top spool, keeping the top coil from unwinding.

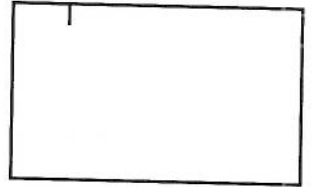
For those that have the 6" coil adapter, one can take it off with the two lock pins as well. The 6" coil adapter enlarges the top spool to take 15" wide coil instead of the smaller 12" spool. The handle used for the 5" spool and the 6" spool are the same handle which slides on the two round pins on the end of the top spool or 6" adapter.

On the bottom back of the machine are two small wheels. These wheels are so you can tip the machine backwards and move it around the shop or warehouse anywhere that you like.

Using the machine:

To use the machine, place the gutter coil on the bottom cradle making sure that the coil is positioned so that it unrolls from the right side past the counter. Make sure that it is completely pushed to the back of the machine, tight against the 8" guide rollers. Slide the front 8" guide roller tight against the coil and tighten it with the turn screw at the bottom.

Pull up a few feet of coil on the right side and cut a 1" slit about 3" in from the front edge of the gutter coil. Take a small hand brake and bend a sharp bend in the 3" long slit and pull the coil until it reaches the top spool. Hook the bent flange on the slit in the top spool and flip the lock forward so that it holds the top spool in place.



Next you need to adjust your measuring wheel. Slide the wheel forward so it is in the center of the coil and hook up your rubber strap adjusting the tension so that it rubs tightly against the coil being decoiled but without rubbing too hard. This adjustment can be made using common sense, so feel free to make a few adjustments as you are setting up your machine. Be sure to press the reset button on the footage meter and decoil as much as your customer needs.



Once the coil is decoiled, you can lock the top spool in place with the lock hinge on the left side. If the bottom spool is small, then it may tend to keep spinning a bit. If this happens, just place your foot on the inside of the bottom spool to act as a brake as you use your shears to cut the coil.

Once the coil is cut, tape the top spool using some 2" packing tape. Remove the handle in the front by taking the two locking pins off and then slide the top coil off the top spool.

TIP: If the coil is wound tight around the top spool so that it is hard to pull off, leave the brake on and grab the top coil and using your hands spin it backwards. You will see the coil loosen till it reaches the very center of your top spool. Once it does that, you will find that it will easily slide off the top spool.