UPRIGHT BELT SANDER

Manual and Instruction Sheet

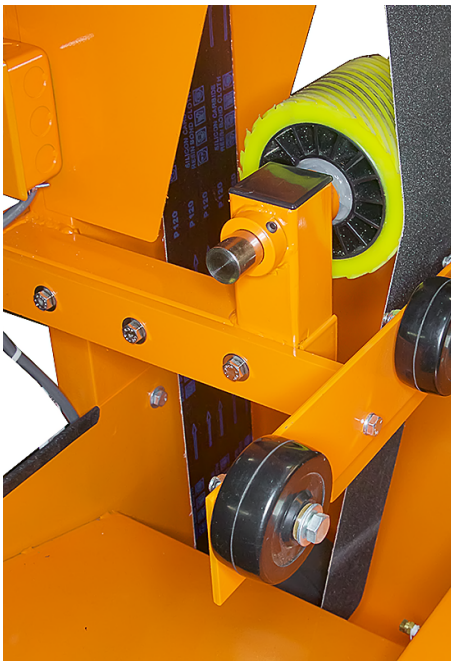
The His Glassworks Upright Wet Belt Sander with removable roller bar shown above.

Congratulations on purchasing the His Glassworks 4-inch x 106-inch upright wet belt sander!

Our wet belt sander is made from the highest quality materials and with exacting standards to give you the best wet belt sander for working art glass that you can possibly buy.

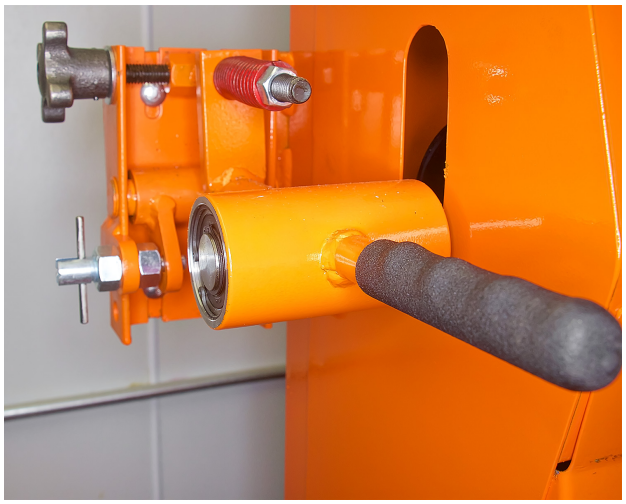
In the following few pages, we'll cover the highlights of our belt sander along with basic use instructions and care for the long-term efficiency and operability of your new belt sander.

There are some differences between our wet sander and the typical sander made for large glass fabrication factories: for one, the roller bar on our wet belt sander is entirely removable to give unfettered access to the belt.



On the side of the wet belt sander, you'll notice three lag bolts on the roller platen assembly. You can remove these three bolts, and the entire roller bar assembly can be removed from the front of the sander.

You can also remove the upper splash guard by removing the four screws that hold it in place, exposing more of the belt surface to work with. This gives you an additional 11 inches of belt space to grind with above the roller platen.



The most important part of your belt sander to get acquainted with is the arm assembly. This is located on the top left side of your new belt sander. The tensioner assembly consists of a black rubber handle that pulls down the upper roller to mount and un-mount your abrasive belts.

Pull down on the handle to release tension from the upper roller. The small T-bar handle behind the roller bearing is the tension lock. Pulling down the tension arm, you can release the spring-loaded tension lock to lock the tension arm in the down position. Once you have mounted your belt, pull down on the tension arm again to relieve pressure on the tension lock and use the T-bar handle to pull the lock out of the tension arm. Release the tension arm to apply tension to the belt. Tension can be adjusted with the tension nut on the end of the red tension spring. Typically, tension is automatically adjusted by the sander for the thickness of the belt on the sander, but you may find it necessary sometimes to adjust the tension yourself.

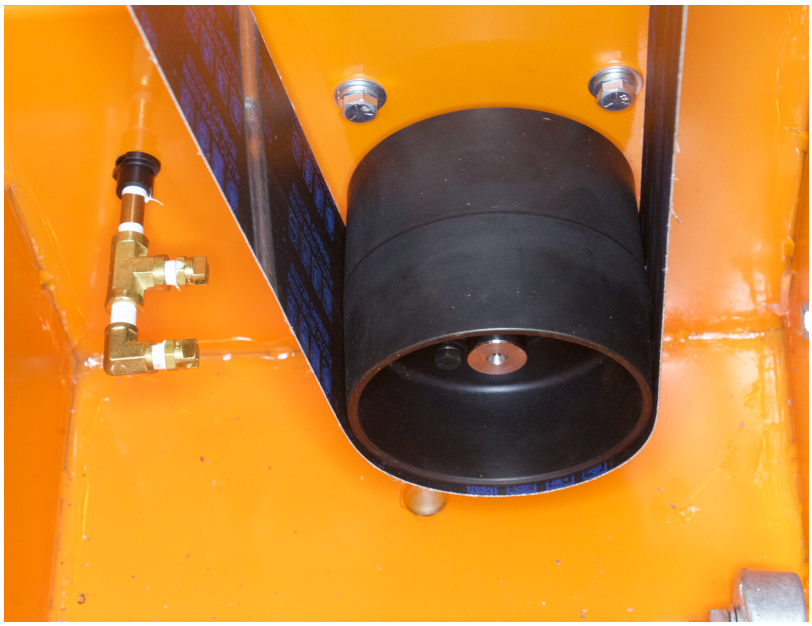
Tracking is accomplished with the four-pronged tracking knob at the back left of the tension assembly. Rotating this knob will adjust the belt tracking left or right on the roller platen. This is adjusted at the factory and should require very little, if any, adjustment to keep your belt running true.

The belt guard door is on the right-hand side of the wet belt sander. This door is unlatched by a simple knob on the top of the guard door.

Once the door is opened, you'll see the upper roller, the yellow roller platen, and the lower roller. The tension handle on the left-hand side of the sander lowers the upper roller and allows you to slide a belt onto the belt sander.

The picture on the right shows the proper mounting of abrasive belts. Over the top roller, around the roller platen, and the lower roller. This provides the proper movement of the abrasive belt on the sander.

Be sure to mount your belt as closely to the center of the rollers and over the roller platen as possible to prevent the belt from tracking incorrectly on the sander.



You'll see the double water sprayer in front of the lower roller in the water basin. This is the solenoid-activated water spray for the belt sander. It is activated when the power to the sander is turned on and de-activated when it is turned off from the power switch.

Water is provided to the sander from the external water junction in front of the motor mount below the left side of the water basin. It is recommended to utilize a plumbed water line with the wet belt sander and not a submersible pump system.

The water connection is made through a 1/4" NPY female-to-male connection to the flow control.

In the bottom right of the water basin, you will also see a small round metal piece attached to the water basin.

This sacrificial anode in the water basin will keep your water basin from rusting over time and use (not needed with a stainless steel model).

Over time, this anode will enlarge, discolor, and eventually come apart. This will keep your water basin from rusting and developing issues over time. Once the anode has fallen apart, it must be replaced to keep your water basin as pristine as possible. Contact us for a replacement anode as this happens.

Again, congratulations on your wet belt sander purchase from His Glassworks. We hope you will have many years of excellent service from your belt sander. In the unlikely event of a problem with your sander, it comes with a standard 1-year warranty on all parts and components, guaranteeing that they are free from defects and will operate as intended.

Abnormal wear and tear are not covered under warranty, so please operate as intended and practice good housekeeping routines to keep your wet belt sander in good operating condition.