



Operating Instructions

Please read and save these instructions. Read carefully before attempting to assemble, install, operate or maintain the product described. Protect yourself and others by observing all safety information. Failure to comply with instructions could result in personal injury and/or property damage! Retain information for future reference.

1” Pipe Wolf

DESCRIPTION

The Pipe Wolf is a unique cutting nozzle. The Pipe Wolf is highly proficient in extreme applications such as total obstructions or blockages cause by roots, silt, grease etc. Clean inserts are extremely important because they spin and propel the nozzle. By following these few simple steps you can make sure your Pipe Wolf stays efficient and operating properly.

This nozzle requires no lubrication or replacement of internal mechanical parts during the first year of operation, making this nozzle very user-friendly

SPECIFICATIONS

<u>Part No.</u>	<u>Cleans Pipe Diam.</u>	<u>No. of Inserts</u>	<u>Hose Connection</u>	<u>Dimensions L x W</u>	<u>Weight</u>
1-0321-6020	6 - 15”	9	1" NPT	7” x 2 ½”	4.0 lbs.
1-0321-8020	6 - 15”	9	1” NPT	7” x 2 ½”	4.0 lbs.

Pump Output Required: 60 - 80 GPM, 2,000 – 2,500 PSI, Max.

Propulsion System: Advanced, Optimized 3D Hydro Mechanics™.

GENERAL SAFETY INSTRUCTIONS

WARNING!

1. For your own safety, read all of the instructions and precautions before operating tool.
2. The service staff must be trained in the proper operation of the tool.
3. Wear proper apparel. Do not wear loose clothing, rings, bracelets, or other jewelry that may get caught in moving parts of the tool.
4. Wear safety shoes with non-slip soles.



GENERAL SAFETY INSTRUCTIONS (Continued)

5. Wear safety glasses complying with United States ANSI Z87.1. Everyday glasses are **NOT** safety glasses.
6. Be alert and think clearly. Never operate tools when tired, intoxicated or when taking medications that cause drowsiness.

OPERATION

1. Connect the high pressure hose to the Pipe Wolf at the rear.

MAINTENANCE

1. Periodically check the nozzle giving special attention to the inserts and insert seats. **It is extremely important that all inserts are free of any debris** because the inserts cause the nozzle to spin and propel forward. Following this precaution will ensure that the Pipe Wolf operates with the highest performance.
2. To check the front inserts the head and turbine need to come off the nozzle. To do this first unscrew the five bolts in the head and pull the head up and off.
3. Once the cutter head is off the nozzle, the bolts which hold the turbine to the body should be exposed. Unscrew all the bolts and pull the turbine off the shaft.
4. After the turbine has been removed, the three jets in the front of the Pipe Wolf are now accessible.
5. Remove each insert carefully with a M6 allen wrench so not to strip them. Clean each insert and also the hole that the insert screws into. If necessary spray water from a faucet through the nozzle and double check each insert. Tighten each insert back in place with **Loctite® Blue Thread Locker**.
6. Assemble the Pipe Wolf in reverse order to put the turbine and head back on. Make sure to use **Loctite® Blue Thread Locker** on each bolt that holds the turbine to the shaft and the head to the turbine and tighten.
7. Repeat step 5 with an M8 socket when cleaning the inserts in the rear of the Pipe Wolf.



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LIMITED WARRANTY (Continued)

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