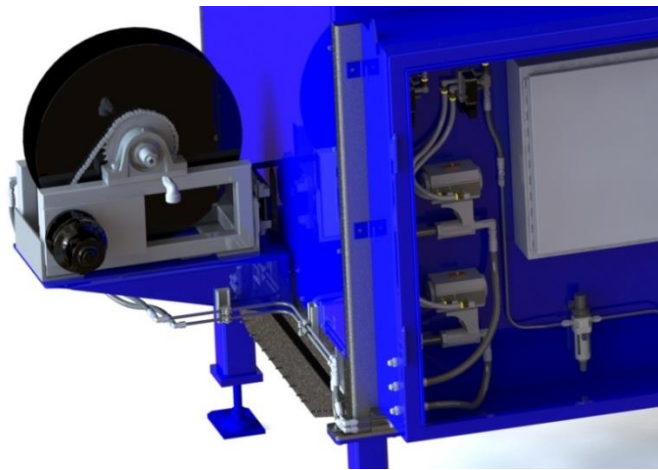




XPCM HOSE REEL SUPPLEMENTAL MANUAL



EQUIPMENT DESCRIPTION

The hose reel lance is designed to traverse the length of a joint of pipe by pulling itself through with water pressure. The lance is equipped with jets to pressure wash the inside surface of the pipe with high pressure and or heat.

Daily Maintenance.

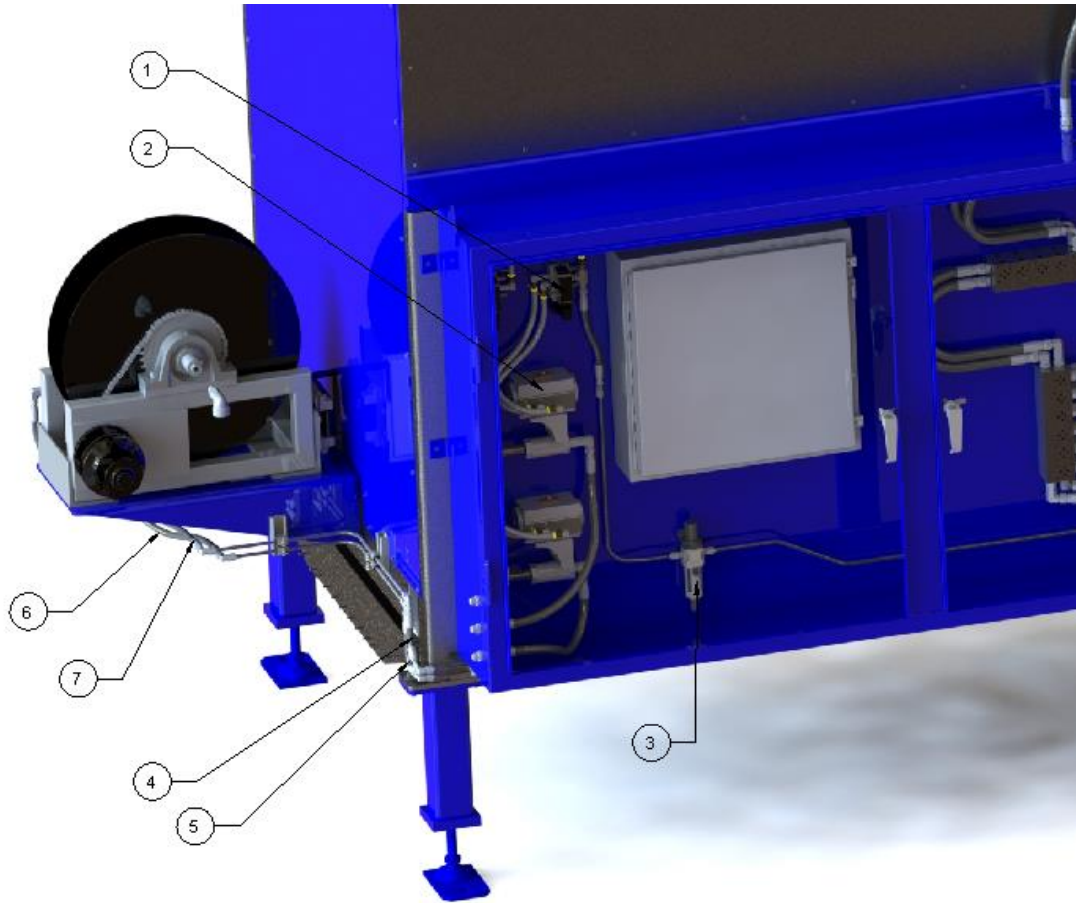
- Apply one pump of grease to each grease zerk before use each day.
- Inspect the full length of the hose for damage and wear. Replace at first sign of wear.
- Inspect nozzle for wear. Nozzle jets should be round and within size tolerance.
- Lubricate roller chain with light grade oil or penetrating lubricant.
- Check for leaks in all connections

Monthly Maintenance.

- Check Tightness of all connections and bolts.
- Inspect sprockets and chain for excess wear or slop.
- Inspect hose roller guides for binding. Roller guides should move freely.

Troubleshooting Guide

SYMPTOM	Possible Cause	Possible Solutions
Lance fails to move forward	<p>Nozzle jets are dirty.</p> <p>Nozzle is not in line with pipe</p> <p>Nozzle jets are worn , or incorrect nozzle installed.</p> <p>Obstruction in pipe.</p> <p>Hose is tangled up inside the reel.</p> <p>Hydraulic motor is not feeding hose out.</p> <p>Water Pressure is insufficient.</p>	<p>Remove nozzle and clean ports. Perform proper maintenance on pump filter system to avoid reclogging jets.</p> <p>Turn off machine and readjust drive wheels and guide tube as necessary.</p> <p>Replace nozzle jets.</p> <p>Check and clear pipe of any obstruction.</p> <p>Check hose to ensure that it is free to unwind.</p> <p>Check that mechanical components are working correctly.</p> <p>Check that pressure is building up. Call service technician for repairs.</p>
Machine fails to clean pipe thoroughly.	<p>Nozzle jets are dirty.</p> <p>Line Pressure is insufficient.</p> <p>Inspect hose for punctures.</p> <p>Nozzle jets are worn out or incorrect nozzle jets.</p> <p>Check that the lance is traversing the full length of the pipe.</p> <p>If so equipped, heater may not be reaching temperature.</p>	<p>Remove nozzle and clean ports. Perform proper maintenance on pump filter system to avoid reclogging jets.</p> <p>Check that pressure is building up. Call service technician for repairs.</p> <p>Replace if damaged.</p> <p>Replace nozzle jets.</p> <p>See above symptom for possible solutions</p> <p>Verify that the heaters are working by checking the temperature of the water. Call service technician for repairs.</p>



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	17602	AIR SOLENOID VALVE	2
2	40906	HIGH PRESSURE VALVE	2
3	22608	AIR REGULATOR	1
4	115-610-412-00	HYDRAULIC HOSE 1	1
5	115-610-413-00	HYDRAULIC HOSE 2	1
6	115-610-414-00	HYDRAULIC HOSE 3	1
7	115-610-415-00	HYDRAULIC HOSE 4	1