



Hand Crank Hose Reel Instruction Manual



WARNING:

Read carefully and understand all **INSTRUCTIONS** before operating. Failure to follow the safety rules and other basic safety precautions may result in serious personal injury. Save these instructions in a safe place and on hand so that they can be read when required. Keep these instructions to assist in future servicing.



GENERAL SAFETY REGULATIONS

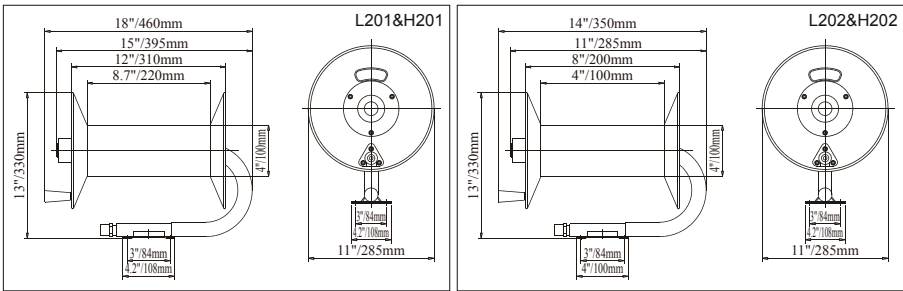


WARNING: The warnings, cautions, and instructions discussed in this instruction manual cannot cover all possible conditions or situations that could occur. It must be understood by the operator that common sense and caution are factors that cannot be built into this product, but must be supplied by the operator.

1. Keep the work area clean and dry. Damp or wet work areas can result in injury.
2. Keep children away from work area. Do not allow children to handle this product.
3. Use the right tool for the job. Do not attempt to force small equipment to do the work of larger industrial equipment. There are certain applications for which this equipment was designed. It will do the job better and more safely at the capacity for which it was intended. Do not modify this equipment, and do not use this equipment for a purpose for which it was not intended.
4. Check for damaged parts. Before using this product, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect the operation of this product. Replace damaged or worn parts immediately.
5. Do not overreach. Keep proper footing and balance at all times to prevent tripping, falling, back injury, etc.
6. DO NOT use the equipment when tired or under the influence of drugs, alcohol, or medication. A moment of inattention while operating this equipment may result in serious personal injury

TECHNICAL DETAILS

Item No.	Max Pressure	Inlet/Outlet	Hose Capacity		
			Material	I.D.	Length
L201303	300Psi (20Bar)	3/8"/9.5mm	Hose is not included	3/8"/9.5mm	30m/100ft
L201602	300Psi (20Bar)	1/4"/6.3mm	Hose is not included	1/4"/6.3mm	60m/200ft
H201303	4000Psi (275Bar)	3/8"/9.5mm	Hose is not included	3/8"/9.5mm	30m/100ft
H201602	4000Psi (275Bar)	1/4"/6.3mm	Hose is not included	1/4"/6.3mm	60m/200ft
L202153	300Psi (20Bar)	3/8"/9.5mm	Hose is not included	3/8"/9.5mm	15m/50ft
L202302	300Psi (20Bar)	1/4"/6.3mm	Hose is not included	1/4"/6.3mm	30m/100ft
H202153	4000Psi (275Bar)	3/8"/9.5mm	Hose is not included	3/8"/9.5mm	15m/50ft
H202302	4000Psi (275Bar)	1/4"/6.3mm	Hose is not included	1/4"/6.3mm	30m/100ft



Read the following precautions and instructions before you begin assembly or using. Keep this literature in a dry place for future reference.

SAFETY PRECAUTIONS

1. Make sure input pressure does not exceed 300 PSI / 20Bar (L201 & L202) or 4000 PSI / 275Bar (H201 & H202).
2. Use the proper eye protection when assembling and using the hose reel.
3. Assemble the hose reel on a clean workbench free of debris and moisture.
4. Use soap and water when checking for air leaks.
5. Do not expose fingers or hands directly to a pressurized hose, or it will result in severe body injury.
6. Keep children away from the work area.

UNPACKING

When you receive your new Hose Reel, it will be mostly reassembled. Check to ensure that you have received the following loose parts.

Part No.	Description	Q'ty
20	Screw	3
21	Washer	3
22	Nut	3
23	Handle	1

INSTALLATION

Note: You must purchase hardware & hose for mounting your new reel. Decide where you wish to mount reel before purchasing as the hardware needed will vary provided different locations.

Refer To Appendix For Assembly

1. Match handle to 3 holes in reel flange. Attach using 3 screws, nuts and washers.

Note: Nuts must go on handle side of flange.

2. Put the bolts (3/8" or 10mm) through 4 holes in the base of the hose reel and tighten it to ceiling/wall/floor so reel can be fastened into position.
3. Apply teflon tape or thread sealant to reel's built in supply hose fitting. Then attach this supply hose to the outlet of air compressor.
4. Apply teflon tape or thread sealant to hose fitting threads. Attach to the reel swivel valve, then feed the rest of hose through the flange opening.

5. To avoid damaging the swivel valve, make sure to use a appropriate wrench to stabilize the swivel hosing tightening the hose fitting.
6. For the length of hose, please refer to TECHNICAL DETAILS on page 3.

TROUBLE SHOOTING

Problem(s)	Possible Cause	Corrective Action
Fluid path (plumbing and/or Swivel) is leaking or damaged	<ol style="list-style-type: none"> a) Maximum pressure rating for reel has been exceeded b) Application is not compatible with plumbing and/or swivel seal materials. 	<ol style="list-style-type: none"> a) Replace or repair damaged components. Consult factory. Check maximum pressure rating of reel. b) Contact factory to determine chemical compatibility or environmental issues (i.e. temperature rating).
Hose will not fully retract	<ol style="list-style-type: none"> a) Outlet nozzle, gun or tool is too heavy. b) Spring is fatigued. c) Field installed hose is too long. 	<ol style="list-style-type: none"> a) Add spring tension. See "Spring Tension Adjustment". b) Add spring tension. See "Spring Tension Adjustment". Replace Spring Canister if required. c) Call local distributor for correct specified hose length.
Hose will not retract at all	Spring has lost all tension or has possibly broken	Reinstall Spring Tension
Reel will not latch	<ol style="list-style-type: none"> a) Incorrect operation b) Dog spring or locking cam is broken or worn 	<ol style="list-style-type: none"> a) To latch the reel, pull out the hose and allow it to retract after hearing the first second or third "click". b) Replace dog spring or locking cam.
Fluid leaks from swivel	<ol style="list-style-type: none"> a) Swivel seals are damaged or worn b) Inlet hose is not flexible 	Replace swivel seals. See "Swivel Seal Replacement". Caution: Be sure leak is not at Hose Fitting!
Swivel assembly in not moving freely or locking up	Inlet hose is not flexible causing side force on swivel	Properly tighten inlet hose. Hand tighten fitting, plus 1/2 turn with wrench.



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