

METAL HOSE REEL INSTRUCTION MANUAL



Introduction

Thank you for purchasing an HRP Heavy Duty Metal Hose Reel. The range of HRP reels have been designed using the highest quality, heavy gauge materials and are fitted with purpose specific hose and swivels.

Important Information

PLEASE READ THIS SAFETY INFORMATION CAREFULLY BEFORE USE.

Read and retain this instruction manual to assist you in the operation and maintenance of this product. 'Cautions' are listed throughout this manual to advise of actions to which may cause damage to your equipment.

 **CAUTION**

Make sure the line pressure does not exceed the rated operating pressure of your model hose reel, refer specifications.

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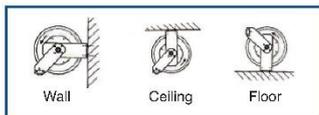
Exposure of the skin directly to pressurized air or fluid could result in severe bodily injury.

 **CAUTION**

Before carrying out any maintenance turn off and disconnect the supply line to the reel and carefully release the hose line pressure.

Installation Procedure

- 1) For overhead ceiling mounting: Install reel at least 3m (10 feet) above the floor.
- 2) You will need to purchase the appropriate hardware for mounting your new reel.
- 3) The reel base has drilled holes for mounting on a suitable flat surface.



- 4) Using the four holes in the base, mount the reel in the desired location. Be sure to use the appropriate hardware and tighten securely.

- 5) Apply Teflon tape or pipe sealant to supply line threads, attach to reel and tighten. The other end of the oncoming line can now be connected to the desired supply source. Tighten stopper bolts, and unlatch the reel.

- 6) Apply Teflon tape or pipe sealant to the outlet fitting on the hose, then attach the desired tool or nozzle. Check connections for leakage, also check hose reel for correct operation.

- 7) If hose stopper adjustment is required, pull hose from the reel and allow to latch at desired length. Loosen stopper bolts and slide stopper to a position close to the hose guide.

OPERATION

- 1) Check reel for correct operation by slowly pulling out the hose. A "clicking" noise will be heard every half revolution of the drum.

- 2) To latch the reel, pull out the hose and allow it to retract after hearing the first, second or third "click".

- 3) To unlatch, slowly pull out the hose until the "clicking" noise stops, then let the hose retract.

 **CAUTION**

Always hold on the hose while it is retracting.

- 4) Periodically check the hose condition for wear or damage, and check the swivel fitting for leakage. Replace any worn, damaged or leaking parts.

ADJUST SPRING TENSION

- 1) Pull out approximately 6ft or 2m of hose and allow the drum to latch.

- 2) Remove hose stopper from hose, and feed hose back through guide.

- 3) Wrap the hose one time around the drum to increase tension or un-wrap hose one time to decrease tension.

- 4) Re-insert hose through guide, and install stopper onto hose end.

- 5) Unlatch the drum and check tension. Pull hose from reel, and adjust stopper position if necessary.

Manufactured conform Machinery Directive 2006/42/EC 

Troubleshooting Guide

TROUBLE	CAUSE	REMEDY
Hose will not fully retract	A) Outlet nozzle, gun or tool is too heavy	A) Add spring tension. See " Adjust Spring Tension"
	B) Spring is fatigued	B) Add spring tension. See " Adjust Spring Tension" Replace Spring canister if required, see "Replacement of Spring Canister"
	C) Replacement hose is too long	C) Fit correct length hose (Refer Hose to specifications)
Reel will not latch	A) Incorrect operation	A) Reel latches on first second or third "click". After the third click the reel automatically rewinds.
	B) Latch assembly is worn.	B) Replace the latch assembly
Fluid leaks from the swivel	A) Swivel seals are worn	A) Replace swivel seals. See " Replacement of Swivel Seals".

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Applies to the following articles:

Hose reel welding technology design

Article No.	Type No.
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113967	259/7501
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Hose reel for compressed air and water, light design

Article No.	Type No.
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113968 to 113969	259/6001 to 259/6002
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Hose reel for compressed air and water, heavy design

Article No.	Type No.
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113970 to 113973	259/6020 to 259/6023
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Hose reel for compact design

Article No.	Type No.
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113974	259/4010
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Hose reel, mobile use

Article No.	Type No.
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113977	259/4050
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