

Hose Reels

Hannay Hose Reels

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1-1/2" SERIES MANUAL OR POWER REWIND REELS

To handle single 1" through 1-1/2" I.D. hose.

- A strong, heavy-duty reel.
- Gear-driven crank rewind or chain and sprocket drive powered by an electric, hydraulic or compressed air motor.
- Optional auxiliary crank rewind for power rewind reels.
- Choose EP or EPJ option.
- Comet brake, standard on power rewind without auxiliary crank.
- 90° ball bearing swivel joint with 1-1/2" female NPT threads and 2" victaulic groove.
- Flanged riser with 1-1/2" female NPT threads.
- Other sizes and/or threads can be furnished and must be specified.
- Inlet, outlet riser, hub assembly are steel.
- Stainless steel, aluminum, at extra cost.
- Rollers may be purchased, specify roller position.
- Mounting brackets are necessary.
- Pressures to 600 psi (41 bar)
- Temperatures from -40° F to +175° F (-40° C to +79° C).
- Consult factory for other pressures & temps.

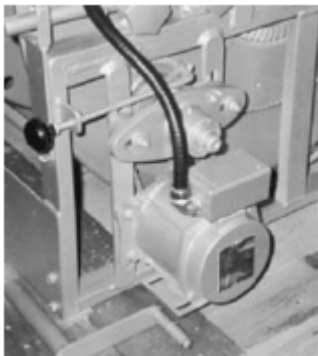
For a full parts breakout refer to **Appendix D-1 thru D-4**



Series 1-1/2"



Series 2" - EPJ Option Shown



Chain Clutch - Reduction Units

2" SERIES MANUAL OR POWER REWIND REELS

To handle single 1-1/2" or 2" I.D. hose.

- Gear-driven crank rewind or chain and sprocket drive powered by an electric, hydraulic or compressed air motor.
- Optional auxiliary crank rewind for power rewind reels.
- Choose EP or EPJ option.
- Comet brake on power rewind without auxiliary crank.
- 90° ball bearing swivel joint with 2" victaulic.
- Flanged riser with 2" female NPT threads.
- Other sizes and/or threads can be furnished and must be specified.
- Inlet, riser, hub assembly are steel.
- Stainless steel, aluminum at extra cost.
- Rollers may be purchased, specify roller position.
- Mounting brackets are necessary.
- Pressures to 600 psi (41 bar).
- Temperatures from -40° F to +175° F (-40° C to +79° C).
- Consult factory for other pressures & temps.

For a full parts breakout refer to **Appendix D-5**

- Recommended on reels with 39" diameter or larger discs, increased torque, slower rewind speeds.
- Factory-installed.



IV SERIES POWER REWIND REELS INVERTED INSTALLATION

To handle single 1-1/4" I.D. through 2" I.D.

- Chain and sprocket drive powered by an electric, or compressed air motor.
- Comet brake, air caliper brake, standard.
- 90° ball bearing swivel joint with 1-1/2" female 2" groove.
- Optional 2" intervals also available.
- Flanged riser with 1-1/2" female NPT threads.
- Inlet, riser, hub assembly are steel.
- Stainless steel, aluminum, at extra cost.
- Pressures to 600 psi (41 bar).
- Temperatures from -40° F to +175° F (-40° C to
- Consult DBL for other pressures & temps.

For a full parts breakout refer to **Appendix D-7**

IV 5000 SERIES SINGLE WRAP POWER REWIND REELS To handle single 1-1/2" I.D. through 2" I.D. hose.

- Effortless and fast rewinding, wrapping, guiding of hose.
- Chain and sprocket drive powered by electric, hydraulic, compressed air motor.
- Auxiliary crank rewind.
- 12 volt rewind, comet brake standard.
- Air brake optional.
- 5100 series - 90° ball bearing swivel joint 1-1/2" female NPT threads, 2" victaulic groove, flanged riser with 1-1/2" female NPT threads.
- 5200 series - 90° ball bearing swivel joint 2" victaulic groove, flanged riser with 2" female NPT threads.
- Inlet, hub assembly is aluminum.
- Joint & riser ductile iron for petroleum fuel.
- Pressures to 600 psi (41 bar).
- Temperatures from -40° F to +175° F (-40° C to +79° C).
- Standard with a reduction unit only. Electric clutch units optional.
- Consult DBL for other pressures & temps.

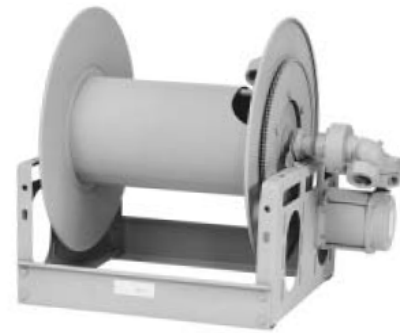
For a full parts breakout refer to **Appendix D-9**



PB/DPB SERIES MANUAL OR POWER REWIND REELS To handle single 1" through 1-1/2" I.D. hose.

- Series PB are explosion-proof reels.
- New DPB Series reel is direct drive eliminating the use of chain and sprockets.
- Choose gear-driven crank rewind, chain and sprocket drive powered by an electric, hydraulic or compressed air motor or direct drive hydraulic rewind motor.
- Crank rewind reels and direct drive reels supplied with pinion brake.
- Power rewind reels (chain & sprocket driven) supplied with a strap brake. Other brake and locking devices may be specified.
- Standard inlet is 90° ball bearing swivel joint with 1-1/2" female NPT threads.
- Standard outlet is a flanged riser with 1" female NPT threads. Standard inlet, outlet riser, and hub assembly are steel.
- Other sizes and/or threads can be furnished and must be specified.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 350 psi (24 bar).
- Temperatures from -40° F to +350° F (-40° C to +177° C).
- Consult DBL for other pressures and temperatures.

For a full parts breakout refer to **Appendix D-11 thru D-14**



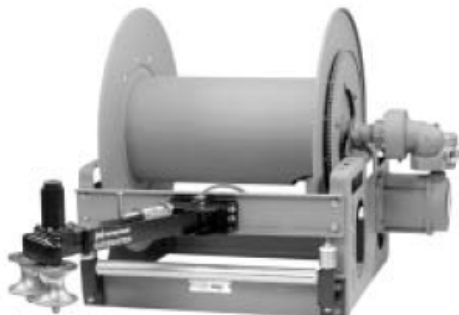
Series PB (Electric Rewind Shown)



Series DPB Direct Drive Hydraulic Rewind



Series PBGMT w/Top Mounted Guide Master,
Standard Configuration Shown/
Electric Rewind Shown



Series PBGMB w/ Bottom Guide Master
Electric Rewind Shown

PBGMT/PBGMB SERIES POWER REWIND REELS To handle single 1" or 1-1/2" I.D. hose.

Both Series

- Choose chain and sprocket drive powered by an electric, hydraulic or compressed air motor or direct drive hydraulic rewind motor.
- Auxiliary crank rewind standard on DPB Series reels. Available on PB Series power rewind reels, at extra cost.
- Direct drive hydraulic rewind reels supplied with pinion brake. Electric powered rewind reels supplied with a strap brake.
- Other brake and locking devices may be specified. (See Ordering & Accessory Guide)
- Standard inlet is 90° ball bearing swivel joint with 1-1/2" female NPT threads.
- Standard outlet is a flanged riser with 1" female NPT threads.
- Standard inlet, outlet riser, hub assembly are steel.
- Other sizes and/or threads can be furnished and must be specified.
- Pressures to 350 psi (24 bar).
- Temperatures from -40° F to +350° F (-40° C to +177° C).
- Consult DBL for other pressures and temps.

Series PBGMB

- For PBGMB reels the assembly B bottom wind roller is standard.

For a full parts breakout refer to **Appendix D-11 thru D-14**

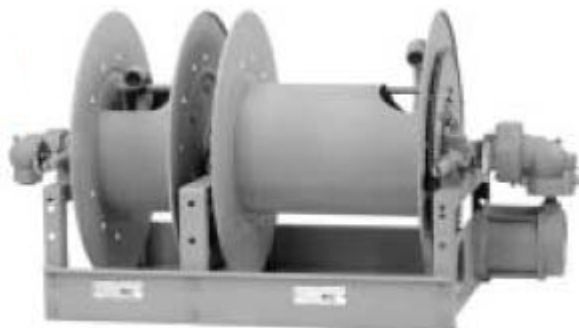
PBM SERIES

POWER REWIND LIQUID REEL WITH MANUAL REWIND VAPOR REEL

To handle 1" through 1-1/2" I.D. liquid hose &
1/2" through 1" vapor hose.

- Gear-driven crank on vapor reel.
- Chain and sprocket drive powered by an electric, hydraulic or compressed air motor liquid reel.
- Pinion shaft brake standard.
- Other locking devices may be specified.
- Standard inlet is 90° ball bearing swivel joint with 1-1/2" female NPT threads.
- Manual rewind reel: 1" female NPT 90° ball bearing swivel joint.
- Liquid reel: flanged riser, 1" female NPT threads.
- Vapor reel: riser, 1" female NPT threads.
- Standard inlet, outlet riser, and hub assembly are steel.
- Other sizes and/or threads can be furnished and must be specified.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 350 psi (24 bar).
- Temperatures from -40° F to +350° F (-40° C to +177° C).
- Consult DBL for other pressures and temps.

For a full parts breakout refer to **Appendix D-15**



PBN800/PB800 SERIES

SPRING REWIND REELS

To handle 1/2" to 1" I.D. hose.

- Standard N series narrow frame
- Channel frame for heavy-duty applications must be specified.
- Non sparking ratchet locks reel
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet is 90° ball bearing swivel joint with 1" female NPT threads.
- Standard outlet is 1" female NPT threads.
- Other sizes and/or threads can be furnished and must be specified.
- Pressures to 350 psi (24 bar).
- Temperatures from -40° F to +350° F (-40° C to +177° C).
- Consult DBL for other pressures and temps.
- Supplied 4-way roller assembly. Specify roller position.

For a full parts breakout refer to **Appendix D-17 thru D-20**



PBN800
Standard Configuration
Shown



PB800
Standard Configuration
Shown



SSN700 SERIES SPRING REWIND REELS

To handle 1/4" through 1/2" I.D. hose.

- Standard SSN Series has a narrow frame and compact mounting base.
- Non sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet 90° ball bearing swivel joint 1/2" female NPT threads.
- Standard outlet 1/2" female NPT threads.
- Standard Pressures to 3000 psi (207 bar) (available up to 10,000 (690 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult factory for other pressures & temps.
- 4-way roller assembly.
- Constant Tension is available – consult factory.

For a full parts breakout refer to **Appendix D-21**

Lubrication

Chemical Transfer

Washdown

Corrosive Environments

Potable Water

SSN800 SERIES SPRING REWIND REELS

To handle 3/4" or 1" I.D. hose.

- Standard N series has a narrow frame and compact mounting base.
- Non sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult factory for other pressures & temps.
- 4-way roller assembly
- Constant Tension is available – consult DBL.

For a full parts breakout refer to **Appendix D-23**

Dairy

Chemical Transfer

Air/Water

Food Transfer

Caustic Materials



SS800 SERIES SPRING REWIND REELS

To handle 3/4" or 1" I.D. hose.

- Square tubing frame for heavy-duty applications.
- Non sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult factory for other pressures & temps.
- 4-way roller assembly.
- Constant Tension is available – consult DBL.

Dairy

Chemical Transfer

Air/Water

Food Transfer

Caustic Materials

SS1000 SERIES COMPACT MANUAL REWIND REELS

To handle single 1/4" or 3/8" I.D. hose.

- Lightweight
- Compact
- Direct crank rewind permanently attached.
- Adjustable cam-lock brake standard.
- Optional pin lock available.
- Standard inlet 90° ball bearing swivel joint 1/2" female NPT threads.
- Standard outlet 3/8" female NPT threads.
- Pressures to 3000 psi (207 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult factory for other pressures & temps.

For a full parts breakout refer to **Appendix D-25**



Pressure Washing Spray Operations Steam Cleaning Washdown Air Mobile and Permanent Installations



SS1500 SERIES MANUAL REWIND REELS

To handle single 1/4" through 5/8" I.D. hose.

- Lightweight compact reels designed for long lengths of hose.
- Direct crank rewind is permanently attached.
- Cam-lock drag brake, spring actuated pin lock.
- Standard inlet 90° ball bearing swivel joint 1/2" female NPT threads.
- Standard outlet 1/2" female NPT threads.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 3000 psi (207 bar)
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult DBL for other pressures & temps.
- Consult DBL for power version.

For a full parts breakout refer to **Appendix D-27**

Pest Control Pressure Washing Steam Cleaning

SS1800 SERIES MANUAL REWIND REELS

To handle single 5/8" or 3/4" I.D. hose.

- Lightweight compact reels designed for long lengths of hose.
- Direct crank rewind is permanently attached.
- Cam-lock brake, spring actuated pin lock.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 3/4" female NPT threads.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- DBL for other pressures & temps.

For a full parts breakout refer to **Appendix D-29**



Pest Control Steam Cleaning Pressure Washing Washdown

SS3000 SERIES MANUAL REWIND REELS

To handle single 5/8" or 3/4" I.D. hose.

- Lightweight compact reels designed for long lengths of hose.
- Direct crank rewind is permanently attached.
- Cam-lock brake, spring actuated pin lock.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 3/4" female NPT threads.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult DBL for other pressures & temps.

For a full parts breakout refer to **Appendix D-31**



Marine/Corrosive Environments

Washdown

Fire Protection

Chemical/Food Transfer

SS4000 SERIES MANUAL REWIND REELS

To handle single 3/4" or 1" I.D. hose.

- Lightweight compact reels designed for long lengths of hose.
- Direct crank rewind is removable.
- Cam-lock brake, spring actuated pin lock.
- Standard inlet 90° ball bearing swivel joint 1" female NPT threads.
- Standard outlet 1" female NPT threads.
- Rollers and roller mounting brackets are accessory items. Specify roller position.
- Pressures to 1000 psi (69 bar).
- Temperatures from +20° F to +400° F (-7° C to +204° C).
- Consult DBL for other pressures & temps.

For a full parts breakout refer to **Appendix D-33 thru D-36**



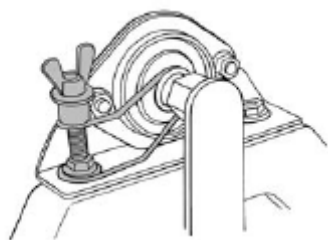
Food Processing

Bottling Plants

Fire Protection

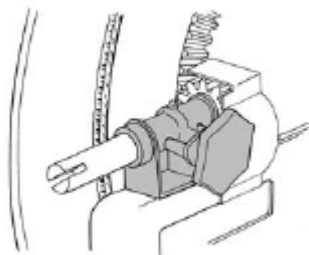
Water Supply

Chemical Transfer

**Drag Brake**

Adjustable spring tension brake applies drag pressure to axle on some direct crank rewind reels.

To order, specify part number.

**Pinion Brake**

Adjustable spring tension applies braking pressure to pinion shaft on reels equipped with ring gear rewind mechanism.

To order, specify part number.

**Comet Brake**

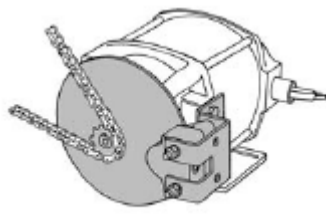
Adjustable steel strap lined with brake pad material applies drag pressure to reel axle to control pay-out speed of the reel.

To order, specify part number

**Cam Lock Drag Brake**

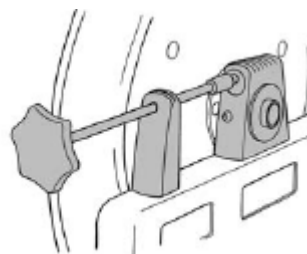
Molded plastic drag brake with cam lock lever designed for 1/2" manual reels. Corrosion proof and does not harm the hub. Infinitely adjustable for the desired drag tension to prevent cable or hose overrun. Instantly releases with the flip of a lever for drag free rewind.

To order, specify part number

**Caliper Brake**

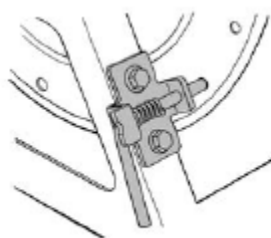
Clamps a disc on the motor shaft for positive locking of reels with power rewind. Can be operated manually, hydraulically or by compressed air.

To order, specify part number

**EH-820 Bearing/Brake Assembly**

This assembly provides an alternate method of braking control on certain model reels. Assembly is installed in the back bearing position. Brake applies pressure to the reel axle to slow or lock the reel. Can be factory installed, when specified with reel order, or supplied in kit form for field installation.

To order, specify part number

**PL-1 Pin Lock**

A positive, spring-actuated pin lock to prevent free-wheeling or recoil from pressure surges. May be factory installed when specified on your reel order.

To order, specify part number

**Reel-Mounted Relay/Circuit Breaker Kits**

Factory-installed, significant installation labor savings, no longer necessary to fabricate and mount a bracket.

RCB kits are designed to work with several different reel models:

- 1600 Series • 2000 Series • 1500 Series • 1800 Series • 4000 Series

If you already have a reel and would like to install an RCB kit yourself, call DBL for further details.

Variable Speed Controls



Model MD-1225S



Model MD-1225SR



Model MD-70

Features on all models:

Use pulse width modulation (PWM) control circuit to lower speed of reel by factor of five or more without sacrificing significant motor torque and without motor heat up. Variable control knob means speed can be adjusted to any desired setting. Service temperature range of -40° to +158° F (-40° to +70° C). Heavy 10 gauge wire provided (4 ft.) to make connections. Dimensions: 4.5" H x 3.5" W x 3.13" D

Features on Models MD-1225S, MD-1240S, MD-1250S, MD-2425S, and MD-1225SR:

Contains all components needed to control reel rewind, including variable speed control, push-button switch, manual reset circuit breaker (25, 40, or 50 amp), relay, and 10 gauge wire. Can be used for either 12 volt or 24 volt DC applications (depending on model chosen). MD-1225SR provides all features of an MD-1225S, but adds motor reversibility (power in, power out).

Features on Model MD-70:

Contains variable speed control only. • Works on all 12 or 24 volt DC Hannay motors (up to 70 amps)

Operating Switches for Electric Rewind Reels



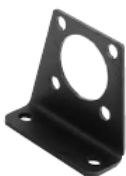
90030 sealed push-button momentary contact switch with rubber cap for 12 or 24 volt **D.C.** service.



EPS-1 explosion-proof cable momentary contact switch for remote control or for permanent mounting in the most convenient location. Supplied with 6 ft. of 3-wire cable, self-sealing fitting and terminals. Must be used with solenoid.



PB-1 switch non-explosion-proof, 115v momentary contact switch.



P15A-00130 Universal mounting bracket for EPS-1 switch.



EXPB-2A explosion-proof, push-button momentary contact switch for **D.C.** service only. Must be used with solenoid. **EXPBC-2B** For use with **A.C.** motors.



P15A-00170 Mounting bracket for use with Guidemaster.

Circuit Breakers

Must be used with all D.C. electric rewind motors.

SDLM Manual Reset. Push-button must be pressed firmly to reset. Several amperage ratings are available to suit specific application. **CB-2** Mounting bracket for SDLM Breaker. **To Order:** Specify SDLM and give Model Number of reel motor. Specify CB-2 bracket, if required.



SDLM Circuit Breaker



CB-2 Bracket



25 Amp Circuit Breaker

Rewind Motors



Base Mount E.P.
Electric Motor



Face Mount E.P.
Electric Motor



Face Mount Non-E.P.
DC Motor - Shown with
optional mounting plate.

Electric Motors are reversible type for A.C. or D.C. operation. **Circuit breaker must be used with all D.C. electric motors.**



Hydraulic Motors are reversible type. No other hydraulic components are furnished with the reel. A 4-way, three position control valve with motor spool is recommended but is **not** supplied.



Compressed Air Motors are supplied with a fingertip control valve with integral backpressure relief, and with flexible air line from control valve to rewind motor. We recommend using a lubricator and filter with air rewind motors, not supplied.

Rewind Assemblies for Gear-Driven Crank Rewind Reels

These assemblies are used to change the pinion shaft position on gear-drive crank rewind reels to meet space restrictions or for greater operator convenience. Units can be factory-installed, when specified with reel order, or supplied in kit form for field installation.

Assemblies are complete with drag-brake assembly, pinion, gear guard, brake handle and fasteners. Fits standard mounting holes on reel frame.

To Order: Specify Rewind Position for parts order or factory installation.



30 Degree Rewind Unit



Horizontal Rewind Unit



Vertical Rewind Unit

Clutch and Reduction Assemblies

Hannay reduction units are used to increase the torque (by 50 to 500 percent, depending on the ratio chosen) and decrease the rewind speed on power-driven reels. The clutch allows the motor and reduction unit to be disengaged from the reel, eliminating drag in the unwinding mode. The manual clutch is disengaged by means of a user-operated pull rod.

The electric clutch requires no user intervention. It automatically engages when the motor is running, and disengages when the motor stops.



Available ratios.

REDUCTION UNIT ONLY	CLUTCH & REDUCTION UNIT
12/18	12/40
12/25	12/48
12/36	12/60
12/48	
12/60	

You must specify model of reel the assembly is to be installed on

Hose and Cable Stops

Recommended with spring rewind reels and 4-way roller assemblies

Each stop is easily assembled with the fasteners provided, without any special tools. HS-3 and HS-45 are two-piece molded plastic spheres, custom drilled to the size you specify.

To Order: For HS-3 or HS-45, specify part number and O.D. of hose or cable. (Indicate single or dual hose)

Single Hoses: Holes are drilled 1/16" smaller than your specified O.D.

PART NO.	DIMENSIONS	MAX. HOLE SIZE SINGLE HOSE/CABLE
HS-3	3" O.D.	1-7/8" dia.
HS-45	4-1/2" O.D.	2-3/4" dia.

Dual Hoses: Holes are drilled 1/32" smaller than your specified O.D.



HS-3



HS-45



HS-3

Roller Assemblies for Spring Rewind Reels

These 4-way roller assemblies are for use on the reel, on cabinet door openings and for similar locations where sharp metal edges may cut or damage the hose/cable. 4-way design protects hose even when payout or rewind is at an angle.

The N200 and R200 roller assemblies have Delrin rollers mounted in stamped steel housings for flush panel mounting, reel mounting (R200) or right angle mounting (N200).

The R300 roller assemblies have stainless steel rollers, Delrin bearing inserts and zinc die-cast corner mounting blocks assembled on a steel mounting frame.

To Order: Specify Part Numbers N Models for N Series Reels, R Models for Channel Frame Reels

PART NO.	OVERALL DIMENSIONS		ROLLER OPENING	
	INCHES	MM	INCHES	MM
R203	8.0 x 5.5	203.2 x 139.7	2.5 x 2.0	63.5 x 50.8
R204	9.0 x 5.5	228.6 x 139.7	3.5 x 2.0	88.9 x 50.8
R205	10.0 x 5.5	254.0 x 139.7	4.5 x 2.0	114.3 x 50.8
R206	11.0 x 5.5	279.4 x 139.7	5.5 x 2.0	139.7 x 50.8
N203	5.5 x 5.5	139.7 x 139.7	2.5 x 2.0	63.5 x 50.8
N204	6.5 x 5.5	165.1 x 139.7	3.5 x 2.0	88.9 x 50.8
N205	7.5 x 5.5	190.5 x 139.7	4.5 x 2.0	114.3 x 50.8
N206	8.5 x 5.5	215.9 x 139.7	5.5 x 2.0	139.7 x 50.8
R306	11.25 x 7.0	285.8 x 177.8	5.5 x 2.38	139.7 x 60.45
R308	13.25 x 7.0	336.6 x 177.8	7.5 x 2.38	190.5 x 60.45
R310	15.25 x 7.0	387.4 x 177.8	9.5 x 2.38	241.3 x 60.45
PW-2R	9.75 x 3.75	247.7 x 95.3	5.13 x 1.13	130.3 x 28.7
EH-714	9 x 5.625	228.6 x 142.9	2.5 x 2.5	63.5 x 63.5



N200



R200



R300

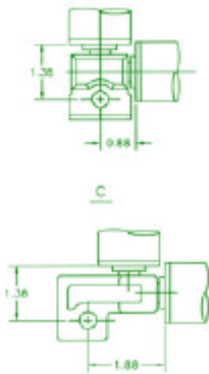


EH-714



PW-2R Roller

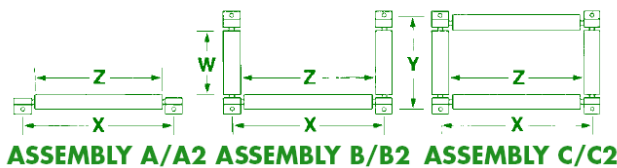
Utility Hose Rollers



Stainless steel rollers and cast alloy brackets for use on the reel, on cabinet door openings, truck platforms and similar locations where sharp edges may cut or damage hose/cable.

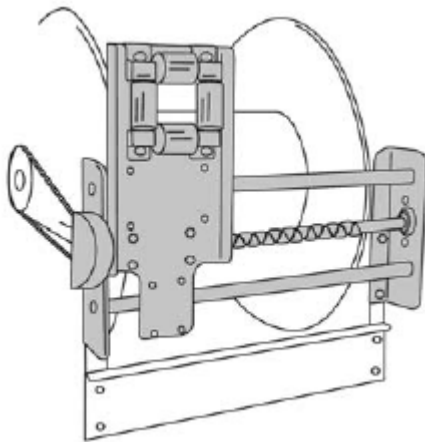
Specifications: 1-1/2" diameter stainless steel roller, stainless steel rod, Delrin bearings, alloy brackets and required fasteners.

To Order: Specify Assembly A, B, or C, and give distance between **each pair** of mounting holes (Dimensions X and Y) and length of each roller (Dimensions W and Z).
W=Vertical Roller Length, Z=Horizontal Roller Length.



ASSEMBLY A/A2 ASSEMBLY B/B2 ASSEMBLY C/C2

Levelwind



A chain and sprocket-driven levelwind device to evenly wrap hose/cable on a reel. This device is driven from the main axle of the reel which automatically reverses at the extremes of travel.

Designed for custom/special reel applications when required.

Available at extra cost and must be specified—consult DBL for further information, pricing and delivery.

Note: To be used for straight line pulls only.

GM-700 Guidemaster

Multi-position hose guide with explosion-proof remote rewind control.

The GM-700 helps unwind and rewind hose faster, easier and with less damage to the hose. Five positive locking positions let the operator pull the hose out and away from sharp corners of cabinet or deck. An explosion-proof push-button switch in the Guidemaster handle lets the operator control the rewind motor as he guides the hose on the reel in neat, uniform coils.

Full parts breakdown available, please refer to **Appendix D-39**

GM-600 parts list available **Appendix D-41**



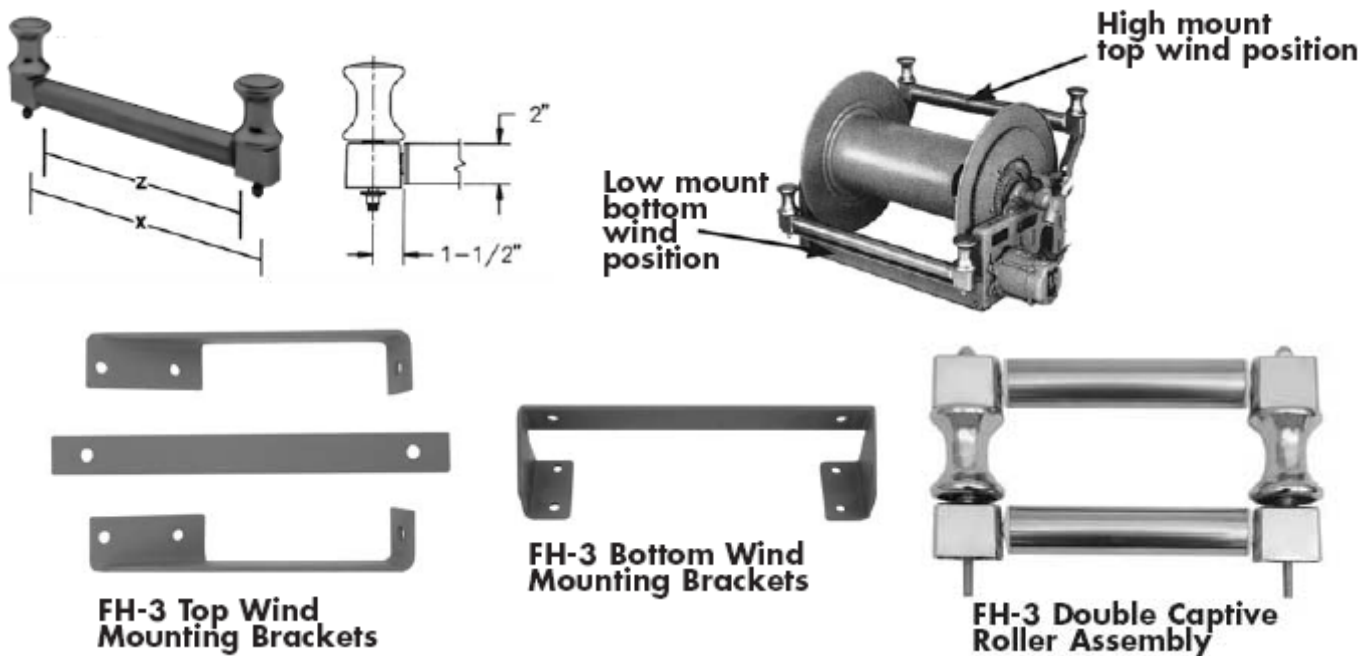
FH-3 Roller and Spool Assembly

Not recommended for hoses larger than 1-1/2" I.D.

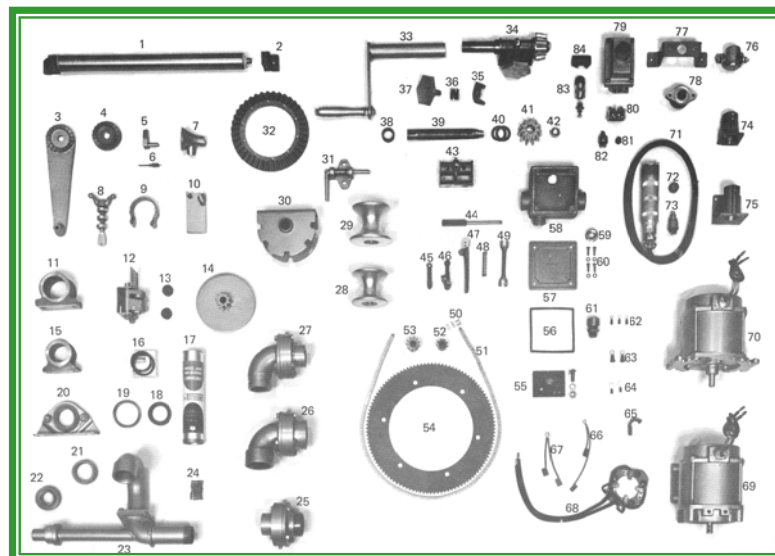
Speeds handling and reduces hose wear. Buffed stainless steel rollers resist corrosion, pitting and abrasion. Polished, chrome-plated spools and blocks add lasting beauty to your equipment. Delrin bearing surfaces assure quiet operation and minimum wear.

Assembly can be factory-installed, when specified, or ordered for field installation on reels or other equipment.

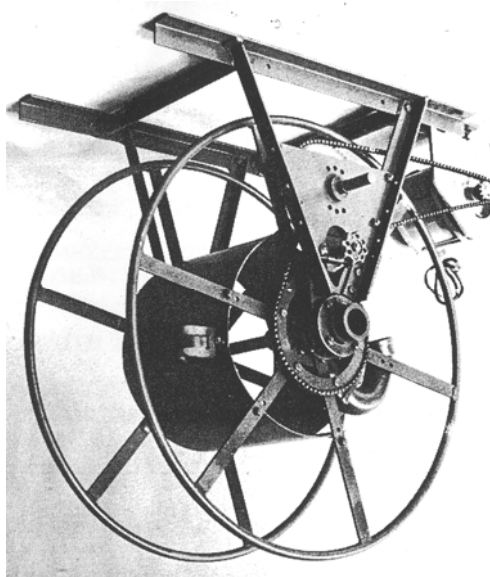
To Order: For factory installation, specify FH-3 Assembly and indicate position on reel. As an accessory, specify FH-3 Assembly and give length of roller (Dimension Z) and distance between mounting holes (Dimension X). Mounting brackets are available.



**For a complete parts ID guide for Hannay fuel delivery
hose reels please refer to **Appendix D-43 thru D-48**
Accessories are also included here**



Delghan Hose Reel



A1500 1-1/2" Swing Joint Replacement Parts

Whether you need to replace the complete swing joint or a simple Buna seal, DBL has what you need. For a complete parts breakdown please refer to **Appendix D-49**

A4000-1 Face Drive with Air Brake

For a complete parts breakdown please refer to **Appendix D-50** to find the proper replacement part you need.

A4000 Face Drive with Hand Brake.

To find the part you need please refer to **Appendix D-50**

A6000 Air Brake

From a complete A6000 air brake assembly to a repair kit DBL has you covered. To see available replacements please refer to the diagram in **Appendix D-51**

A7000 Waterproof Switch Assembly

Switch repair kit available. To be used to replace 7001-1 shorter switch or to retrofit a Philly valve switch part# 4515. Kit includes switch, spacer, gaskets, screws, and diaphragm.

