



Hannay Reels®
The reel leader.

ORDERING & ACCESSORY GUIDE



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REEL COMPONENTS

General Specifications of Hannay Cable Reels

Construction:

Frames, discs and drum are fabricated of heavy gauge steel. Bearings are self-aligning. Collector ring housings are ABS plastic or insulated steel, depending on model.

Electrical Connections:

A pull wire is provided for installing cable through drum and hub. Connection from the electrical source to the reel is through a junction box or a preconnected wire lead, depending on the reel model.

Collector Ring Assembly:

Reels to handle live electric cable are normally equipped with a 3-conductor collector ring assembly. Assemblies with additional conductors and for higher amperage are available at extra cost on most models. Be sure to specify your application.

Standard:

45A 600V standard. Up to 300A available at additional cost.

Finish:

Standard finish is oven-cured enamel. Finishes other than our standard, such as special primers may be specified at extra cost.

Shipping:

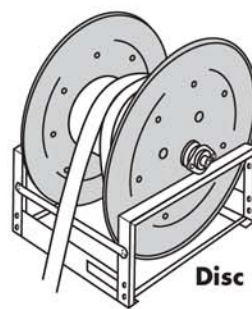
Reels are shipped completely assembled, ready to install. Installation instructions are supplied with each reel.

ORDERING OPTIONS

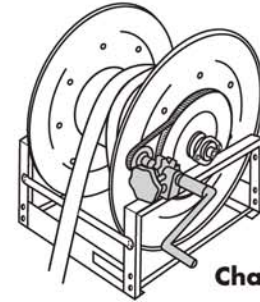
Rewind Options

Manual Rewind Reels

1. Gear-Driven Manual Rewind reels are equipped with a crank operated ring gear mechanism. This mechanism can be used to provide an auxiliary rewind capability on certain power rewind reels (not shown).
2. Disc rewind reels are rewound by manually turning the reel discs.
3. Direct Manual Rewind reels are equipped with either a permanently attached or removable crank (depending on model) which attaches to the reel axle to rewind the reel (not shown).



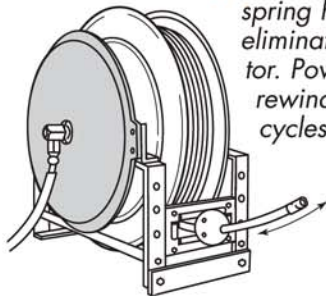
Disc



Chain Driven

4. Chain-Driven Manual Rewind reels are equipped with a crank operated chain and sprocket mechanism parallel to the reel axle.

Spring Rewind Reels



1. Spring motor module—tamper-proof spring housing protects the spring and eliminates risk of injury to the operator. Powerful spring delivers positive rewind power through thousands of cycles without power loss.

2. Ratchet assembly—locks the reel at any point when hose/cable payout stops. A pull on the hose/cable disengages the lock for instant rewinding. This assembly is deleted for automatic payout and rewind for constant tension applications.

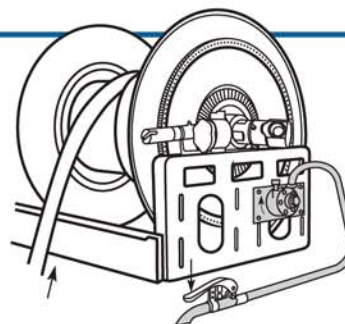
3. Declutching arbor—disengages the spring to prevent damage from reverse winding.

Because they utilize self-contained rewind power, spring rewind reels are extremely versatile. No power connections are required and the reels can be installed in virtually any position and on all types of equipment.

Power Rewind Reels

A chain and sprocket mechanism is used on reels with power rewind; the chain drive assures smooth, positive power transmission and minimum maintenance.

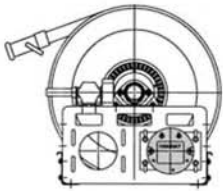
A choice of electric, compressed air or hydraulic motors is offered for power rewind reels. Specific information on motors and operating controls are listed on pages 11 and 12.



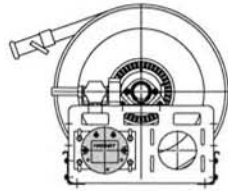
Air Rewind with Control Valve Shown

HOW TO SPECIFY HANNAY REELS

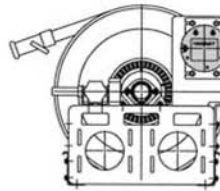
Optional Motor Locations



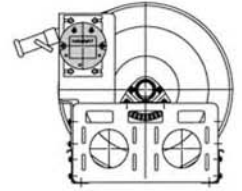
**Bottom Rear
(Standard)**



Bottom Front



**Elevated
2 o'clock**

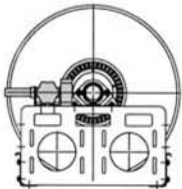


**Elevated
10 o'clock**

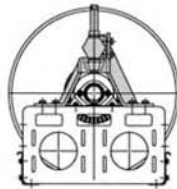
Electric rewind motors can be installed in any of the positions shown in these drawings. The **Bottom Rear** position is standard. The motor is installed inside the frame

on Model ESF reels (see Firefighting catalog page 6), which are designed for installation in restricted space.

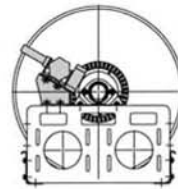
Optional Auxiliary Rewind Positions



Horizontal (Standard)



Vertical



30° Angle

Horizontal ring and pinion gear crank rewind mechanism is the standard configuration. Optional positions include vertical and 30° above centerline, as shown in these

drawings. Both are available at extra cost and **must be specified.**

Hose and Cable Roller Positions

On standard spring rewind reels, the hose/cable pays out from the bottom of the reel and to the left when reel is viewed from the swivel joint or collector ring side.

Hose/cable rollers are supplied with all spring rewind models and you must specify the roller position when you order. (If roller position is not specified, reels will be shipped with rollers in POSITION SR.)

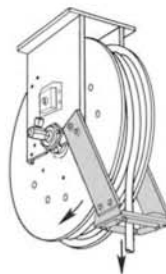
Pricing Note: When reels are ordered for constant tension applications, the ratchet assembly and in some cases hose rollers are not required. See price list for deductions.

Specify roller position SR when:

- Reel will be installed in the upright position at any point from floor to eye level.
- Reel will be installed on a wall with hose/cable to be retracted close to the wall.
- Reel will be installed on ceiling and hose/cable will pay out parallel to and close to the ceiling.



POSITION SR
(is Standard)
Swivel Joint Right



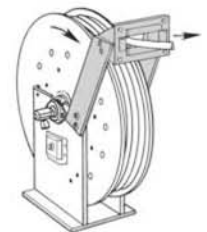
POSITION VR
Swivel Joint Right

Specify roller position VR when:

- Reel will be installed in the upright position and hose/cable will be pulled upright from the reel.
- Reel will be installed on ceiling to lift hose/cable.
- Reel will be installed on a wall with hose/cable to be pulled straight out.

Specify roller position TR when:

- Reel will be installed on floor.
- Reel will be installed on ceiling with hose/cable to pay out parallel to the ceiling.



POSITION TR
Swivel joint Left

BE SURE TO SPECIFY ROLLER POSITION WHEN ORDERING.

Arrows show direction of reel rotation and direction in which hose/cable unwinds.

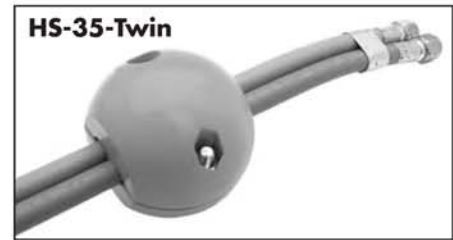
Hose and Cable Stops

Recommended with spring rewind reels and 4-way roller assemblies

- All stops are quickly installed with included plated fasteners.
- The HS-35 is our standard stop, used for most applications up to and including 1" ID hose.
- HS-35 two-piece stops are molded from EPDM rubber for durability and maximum grip.
- HS-3 and HS-45 two-piece stops are molded from polypropylene, and are custom drilled to the size you specify.

To order, use Hannay part number from chart below (specify single or twin hose). Specify the outside diameter (OD) of your hose or cable. Please note that for the plastic stops, the drilled hole size will be 1/16" (single hose) or 1/32" (twin hose) smaller than the OD of the hose you specify to ensure a good grip.

Part No.	Spherical OD	Min Hose or Cable OD	Max Hose or Cable OD	Material	Best Used
HS-35	3.5"	0.44"	1.53"	EPDM Rubber	1/4" thru 1" ID Hose; Most multi-gauge Cable
HS-35-Twin	3.5"	0.47"	0.91"	EPDM Rubber	1/4" thru 1/2" Twin ID Hose
HS-45	4.5"	None (drilled)	2.69"	Plastic	1-1/4" thru 2" Hose
HS-45-Twin	4.5"	None (drilled)	1.28"	Plastic	3/4" Twin ID Hose
HS-3	3.0"	None (drilled)	1.81"	Plastic	Hose/Cable OD less than 0.44"
HS-3-Twin	3.0"	None (drilled)	0.91"	Plastic	Twin Hose OD less than 0.47"



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

Note: A hose stop should be used with 4-way rollers to prevent damage to rollers and nozzles. See description on page 13.

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

ACCESSORIES

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=Vert. Roller Length, Z=Horiz. Roller Length.

Also available factory-installed on the reel.

