

Petroleum Hose Reels

| Home Fuel Delivery | In-plant Refueling | Marine Refueling |
| Off-road Vehicle/Equipment Refueling |



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The reels shown in this catalog are the standard of the industry.

These models reflect various installation and performance requirements.

The high quality of our **standard steel construction** is only the beginning.

Hannay Reels offers any size configuration to fit a defined space, and we construct many models of reels of **aluminum** or **stainless steel**. Specifically, we use 5000 and 6000 Series aluminum and 304 stainless steel in the manufacture of frames, discs, drums, and internals as well as other structural components. This type of construction eliminates the need for maintenance repainting and part replacement due to rust or corrosion.

Please consult factory on any fuel handling questions.

For the many accessories and components available on our standard reel models such as roller guides, switches, brakes, and locks, etc., please refer to our Ordering & Accessory Guide H-0415-OA.

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Hannay Reels: The industry choice.

Designed to spec and built of the highest quality materials, our reels stand up to the most demanding conditions of any industry. We offer thousands of hose and cable reels that help improve efficiency, productivity, and safety in your operation by keeping hoses and cables organized and off the floor.

The heavy-duty design and construction of our reels ensure that they outlast the competition and save you money. And bolted-on components and conveniently located swivel joints make servicing our reels quick and trouble-free.

Every reel we build is created for the industry in which it will be used, from processing to welding to maintenance and more – never retrofitted to the job. That means you can trust Hannay reels to be durable and dependable for years to come.

Uses:

- · Home fuel delivery
- Dispensing systems
- In-plant Refueling
- Marine Refueling
- Fueling vehicles
- Equipment/Vehicle Refueling

Mounting Hole Sizes	
N Series Reels	7/16" wide x 7/8" long slot running front to back
Pressed Frame Reels and Channel Framed Reels	7/16" wide x 7/8" long slot running left to right
IV Reels	9/16" diameter
IV5000 Reels	5/8" diameter

Hannay Reels Sales Policies

Hannay Reels 3-Year Limited Warranty

Products manufactured by Hannay Reels, Inc. ("Hannay") are warrantied for 3 years from date of shipment when properly installed, maintained, and operated in accordance with Hannay instructions. In no event will Hannay have a warranty obligation for normal wear and tear, or for products that have, at Hannay's determination, been subjected to accident, abuse, misapplication, improper installation or improper maintenance. Common examples of normal wear and tear would include paint finish, swivel joint seal wear, and switch or motor brush wear.

Hannay makes no warranties, express or implied, other than those included in this warranty statement, and we disclaim any implied warrant of merchantability or fitness for any particular purpose. Hannay will not be liable for any consequential, incidental, or indirect damages from any cause whatsoever.

Failure to use a flexible inlet connection on any live hose reel will void the swivel joint warranty. Failure to use a properly sized circuit breaker with any electric rewind motor will void the electric motor warranty. Failure to use a filter and lubricator on any air rewind motor will void the air motor warranty. Failure to follow all procedures outlined in the Safety Guidelines document will void the warranty.

Components not manufactured by Hannay will be subject to the original manufacturers' warranties. Examples of such components include: hose and cable, motors, speed controls, and switches, swivel joints and seals, slip ring and brush assemblies.

Equipment which proves to be defective upon our inspection will be replaced free of charge, including freight to the customer. Our responsibility ceases upon delivery to any common carrier and we do not, unless previously instructed, insure shipments beyond point of delivery to such carrier. No material will be accepted for return without a return goods authorization (RGA). This warranty extends to the replacement or repair of the reel or part (no labor).

Hannay reserves the right to modify or alter materials, dimensions, design, and construction when necessary to improve the performance of the reel and/or accessories, or to meet delivery requirements.

Notice on Reel Finish

Standard finish on Hannay reels is a high performance enamel paint. Standard color is metallic graphite. Other colors available, please consult factory.

Most of the major components on standard reels are e-coated prior to receiving final topcoat paint finish. This combination of e-coat and enamel topcoat will meet the finish requirements of most customer applications and environments.

In cases where requirements cannot be met with the standard finish, Hannay Reels can coat any model reel with an automotive primer, allowing application of final coating at your facility.

Alternatively, Hannay Reels can provide a quote for matching a customer-provided paint specification. For further information, please contact your Hannay Reels sales engineer and a special paint request form will be sent to you.

For environments where no paint finish is suitable, we offer both aluminum and stainless steel (304 grade) construction on most reel models.

Return Goods Policy

All Hannay reels are built to order. These orders are typically placed into production within 1 business day of receipt. Once production begins, it may not be possible to cancel the order.

To prevent returns because the wrong reels or parts were ordered, please use the Hannay Reels Spec Worksheet (either online or from our Ordering & Accessory Guide) when specifying reels. Be sure to include any size, weight, pressure and/or material compatibility limitations for the application.

In the event that an item does need to be returned for credit, repair or replacement, prior approval must be obtained from Hannay Reels. Upon your request, we will send a Return Goods

Authorization (RGA) form. A signed copy of this form must accompany the material when returned to us, with the RGA number clearly showing on the outside of the box—a label is provided to you that you can print and attach. No product will be accepted for return or credit without an authorized RGA number.

All material must be returned prepaid, unless otherwise noted on our RGA. No return will be accepted that has been damaged due to improper return packaging, tampered with or altered from its original condition. Our restocking and handling fee is a minimum of 25% for standard catalog reels and parts. Custom reels specially built to customer specifications cannot be returned for any reason.

Series 6000

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

- Heavy-duty reel for longer lengths of hose.
- Choose gear-driven crank rewind or chain and sprocket drive powered by an electric, hydraulic or compressed air motor.
- Crank rewind reels supplied with pinion brake; power rewind reels with a strap brake.
- Standard inlet: 90° ball bearing swivel joints, 1" female NPT threads.
- Standard outlet: 1" female NPT threads.
- Standard: inlet, outlet riser, and hub assembly are steel.
 Options: swivel joint also available in aluminum or stainless steel.
 Riser and hub assembly also available in stainless steel.
- Rollers and roller mounting brackets are accessories.
 Specify roller position.
- Standard pressures to 2000 psi (138 bar).
- Standard fluid temperatures from -40° F to +250 °F (-40° C to +121° C). Optional temperature ratings available consult factory.
- Chain guard available upon request, must be specified.
- Reel models designed for diesel exhaust fluid (DEF) are also available refer to pages 14 & 15.





Standard configuration shown with Electric rewind (EP) option



Optional Assembly C2 roller top wind with mounting brackets and auxiliary crank rewind shown

Series 6000

PARTS DRAWING - ISO 84

Model Number	н		city of Ree t m	'	Crank	. Weight Rewind kg lote 4	Reel Dimensions*** in. mm									
For power rewind see Note 5	I.D. in. mm O.D. in. mm	1/2 13 7/8 22	3/4 19 1-9/32 33	1 25 1-1/2 40	NET	SHIP	Α	В	D	E	F CRANK	F POWER	G	Н	X	Υ
6024-19-21		200	100	60	85	127	21	15.5	20.5	18.75	25.38	28.5	21.5	12.12	13	16.75
***************************************		61	30	18	39	58	533	394	521	476	645	724	546	308	330	425
6032-19-21		325	175	85	102	144	29.5	24	20.5	18.75	33.88	37	21.5	12.12	21.5	16.75
		99 400	53 150	26 125	46 92	65 134	749 21	610 15.5	521 20.5	476 22.75	861 25.38	940 28.5	546 23.5	308 12.12	546 13	425 16.75
6024-23-24		400 122	46	38	92 42	61	533	394	20.5 521	22.75 578	25.38 645	28.5 724	23.5 597	308	330	425
		_	225	200	105	147	27.5	22	20.5	22.75	31.88	35	23.5	12.12	19.5	16.75
6030-23-24		_	68	61	48	67	699	559	521	578	810	889	597	308	495	425
		_	300	250	120	162	35	29.5	20.5	22.75	39.38	42.5	23.5	12.12	27	16.75
6038-23-24		_	91	76	54	73	889	749	521	578	1000	1080	597	308	686	425
2042.05.00		250	100	75	88	130	13	7.5	25.5	24.75	17.38	20.5	27.88	15.5	7.75	21.75
6016-25-26		76	30	23	40	59	330	191	648	629	441	521	708	394	197	552
6022-25-26		450	175	125	100	142	19	13.5	25.5	24.75	23.38	26.5	27.88	15.5	11	21.75
0022-25-20		137	84	38	45	64	483	343	648	629	594	673	708	394	279	552
6028-25-26		-	275	175	113	155	25.5	20	25.5	24.75	29.88	33	27.88	15.5	17.5	21.75
0020-23-20		-	84	53	51	70	648	508	648	629	759	838	708	394	445	552
6018-30-31		400	200	150	101	151	15	9.5	25.5	28.75	19.38	22.5	29.88	15.5	7	21.75
		122	61	46	46	68	381	241	648	730	492	572	759	394	178	552
6024-30-31		-	350	250	113	163	21	15.5	25.5	28.75	25.38	28.5	29.88	15.5	13	21.75
		-	107	76	51	74	533	394	648	730	645	724	759	394	330	552
6028-30-31		_	450 137	300 91	121 55	171 78	25.5 648	20 508	25.5 648	28.75 730	29.88 759	33 838	29.88 759	15.5 394	17.5 445	21.75 552
		_	137	91 400	125	78 175	648 25	508 20	648 31.5	730 31.75	759 29.75	838 33.06	33.63	394 17.75	445 17.5	27.75
† 6028-33-34		_	_	122	57	79	635	508	800	806	29.75 756	840	854	451	445	705
				166	- 31	19	033	506	500	500	130	040	554	43I	440	100

Notes:

- 1. Specifications subject to change.
- 2. Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
- Dimensions shown for reels up to and including 30-31 disc size reflect pressed frames.All others are rollformed channel frames.
- 4. Weights shown in chart are for crank rewind models. ADD these amounts for power rewind models:

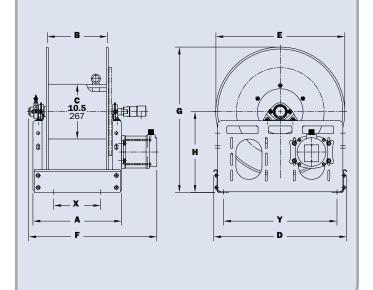
	Net lbs/kg	Ship lbs/kg
Electric 1/2 HP	40 /18.1	40 /18.1
Hydraulic	20 /9.1	20 /9.1
Δir	20/9 1	20/9 1

- 5. When ordering power rewind models, prefix model number with:
 - A = Air Rewind Supplied with control valve and 18" air hose.
 - EP = Electric Rewind (1/2 HP) 12v and 24v DC rewind supplied with non-explosion-proof switch and solenoid; 115v AC rewind is not supplied with switch but it can be ordered separately.
- EPJ = Explosion-Proof Electric Rewind (1/2 HP) 12v and 24v DC rewind supplied with explosion-proof switch, solenoid, and junction box.

 115v AC rewind supplied with explosion-proof switch and junction box.
- **HD** = Hydraulic Rewind Not supplied with control valve.
- 6. Finish: Refer to page 3.
- 7. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

- $\ensuremath{^{***}}\xspace$ X, Y indicate mounting holes. See page 2.
- \dagger Some applications require a clutch/reduction unit.



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Series 1-1/2"

To handle single 1-1/4" 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.
- Strap brake, standard on power rewind without auxiliary crank.
- Standard inlet: 90° ball bearing swivel joint, 1-1/2" female NPT threads and 2" Victaulic® groove.
- Standard outlet: 1-1/2" female NPT threads.
- Other sizes and/or threads can be furnished and must be specified.
- Standard: inlet, outlet riser, and hub assembly are steel. Options: also available in aluminum or stainless steel.
- Rollers and roller mounting brackets are accessories. Specify roller position.
- Chain guard is available upon request, must be specified.
- Standard pressures to 600 psi (41 bar).
- Standard fluid temperatures from -40° F to +400 °F (-40° C to +204° C). Optional temperature ratings available - consult factory.
- Consult factory for other pressures and temperatures.
- Reel models designed for diesel exhaust fluid (DEF) are also available - refer to pages 14 & 15.





Standard configuration shown with Electric Rewind (EPJ) option and optional Assembly C2 roller and mounting brackets

Series 1-1/2"

PARTS DRAWING - ISO 18

Model Number For Power			acity of Ree	el	Crank lb.	. Weight Rewind kg Note 4				F		nsions** mm	*			
Rewind see Notes 4 & 5	I.D. in. mm O.D. in. mm	1-1/4 32 1.81 46	1-3/8 35 1.92 49	1-1/2 38 2.10 53	NET	SHIP	A	В	D	E	F CRANK	F POWER	G	н	Х	Υ
26-19-21		60 18	50 15	50 15	99 45	141 64	23 584	17.5 445	20.5 521	18.75 476	29.5 749	31.88 810	21.5 546	12.12 308	15 381	16.75 425
32-19-21		75	75	75	112 51	154 70	29.5 749	24 610	20.5 521	18.75 476	36.0 914	38.38 975	21.5 546	12.12 308	21.5 546	16.75 425
40-19-21		100	100	100	128 58	170	37.5 953	32 813	20.5 521	18.75 476	44.0 1118	46.38 1178	21.5 546	12.12 308	29.5 749	16.75 425
24-23-24		85	75	50 15	102 46	144 65	21 533	15.5 394	20.5 521	22.75 578	27.5 699	29.88 759	23.5 597	12.12 308	13	16.75 425
32-23-24		125 38	125 38	75 23	119 54	161 73	29.5 749	24 610	20.5 521	22.75 578	36.0 914	38.38 975	23.5 597	12.12 308	21.5 546	16.75 425
38-23-24		175 53	150 46	100 30	130 59	172 78	35 889	29.5 749	20.5 521	22.75 578	41.5 1054	43.88 1115	23.5 597	12.12 308	27 686	16.75 425
20-25-26		75 23	60 18	50 15	106 48	148 67	17 432	11.5 292	25.5 648	24.75 629	23.5 597	25.88 657	27.88 708	15.5 394	9 229	21.75 552
24-25-26		100 30	75 23	75 23	114 52	156 71	21 533	15.5 394	25.5 648	24.75 629	27.5 699	29.88 759	27.88 708	15.5 394	13 330	21.75 552
28-25-26		125 38	110 34	100 30	123 56	165 75	25.5 648	20.0 508	25.5 648	24.75 629	32.0 813	34.38 873	27.88 708	15.5 394	17.5 445	21.75 552
16-30-31		50 15	50 15	50 15	106 48	156 71	13 330	7.5 191	25.5 648	28.75 730	19.5 495	21.88 556	29.88 759	15.5 394	7.75 197	21.75 552
20-30-31		100 30	75 23	75 23	114 52	164 74	17 432	11.5 292	25.5 648	28.75 730	23.5 597	25.88 657	29.88 759	15.5 394	9 229	21.75 552
†22-30-31		125 38	100 30	100 30	118 54	168 76	19 483	13.5 343	25.5 648	28.75 730	25.5 648	27.88 708	29.88 759	15.5 394	11 279	21.75 552
†28-30-31		200 61	175 53	150 46	131 59	181 82	25.5 648	20.0 508	25.5 648	28.75 730	32.0 813	34.38 873	29.88 759	15.5 394	17.5 445	21.75 552
†24-33-34		175 53	175 53	150 46	129 59	179 81	20.5 521	15.5 394	31.5 800	31.75 806	27.25 692	29.63 753	33.62 854	17.75 451	13 330	27.75 705

Notes:

- 1. Specifications subject to change.
- 2. Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
- 3. Dimensions shown for reels up to and including 30-31 disc size reflect pressed frames. All others are rollformed channel frames.
- 4. Weights shown in chart are for crank rewind models. ADD these amounts for power rewind models:

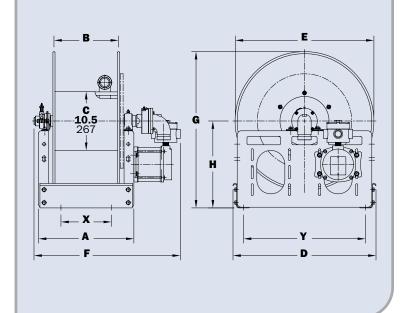
	Net lbs/kg	Ship lbs/kg
Electric	40 /18.1	40 /18.1
Hydraulic	20 /9.1	20 /9.1
Air	20/9.1	20/9.1

- 5. When ordering power rewind models, prefix model number with:
 - A = Air Rewind Supplied with control valve and 18" air hose.
 - EP = Electric Rewind (1/2 HP) 12v and 24v DC rewind supplied with non-explosion-proof switch and solenoid; 115v AC rewind is not supplied with switch but it can be ordered separately.
- EPJ = Explosion-Proof Electric Rewind (1/2 HP) 12v and 24v DC rewind supplied with explosion-proof switch, solenoid, and junction box.

 115v AC rewind supplied with explosion-proof switch and junction box.
- **HD** = Hydraulic Rewind Not supplied with control valve.
- 6. For Air Rewind on models over 100 ft. of 1-1/2", consult factory.
- 7. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint. Some applications may require a different motor and/or a clutch/reduction unit.

- ***X, Y indicate mounting holes.
- \dagger Some applications may require a different motor and/or a clutch/reduction unit.



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Series 2"

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.
- Strap brake on power rewind without auxiliary crank.
- Standard inlet: 90° ball bearing swivel joint, 2" Victaulic® groove.
- Standard outlet: 2" female NPT threads.
- Other sizes and/or threads can be furnished and must be specified.
- Standard: inlet, outlet riser, and hub assembly are steel. Options: also available in aluminum or stainless steel.
- Rollers and roller mounting brackets are accessories. Specify roller position.
- Standard pressures to 600 psi (41 bar).
- Standard fluid temperatures from -40° F to +400 °F (-40° C to +204° C). Optional temperature ratings available - consult factory.
- Consult factory for other pressures and temperatures.





Chain Clutch - Reduction Units

PARTS DRAWING - ISO 35

Model Number For Power	Hose	Capacity of feet m	f Reel	Crank lb.	. Weight Rewind kg Jote 3	Reel Dimensions*** in. mm											
Rewind see Notes 3 & 4	I.D. in. mm O.D. in. mm	1-1/2 38 2.06 52	2 51 2.67 68	NET	SHIP	A	В	D	E	F CRANK	F POWER	G	н	х	Y		
232-26-27-15.5		70	50	104	154	23.75	17.5	27	25.75	31	32.75	26.62	13.75	16.25	23.25		
202 20 27 10.0		21	15	47	70	603	445	686	654	787	832	676	349	413	591		
238-26-27-15.5		100	75	145	195	30.25	24	27	25.75	37.5	39.25	26.62	13.75	22.75	23.25		
200 20 21 2010		30	23	66	88	768	610	686	654	953	997	676	349	578	591		
246-26-27-15.5		140	100	196	246	38.25	32	27	25.75	45.5	47.25	26.62	13.75	30.75	23.25		
210 20 21 2010		43	30	89	112	972	813	686	654	1156	1200	676	349	781	591		
224-33-34-15.5		60	50	70	140	15.75	9.5	31.5	31.75	23	24.75	33.38	17.5	8.25	27.75		
22 : 00 0 : 10:0		18	15	32	64	400	241	800	806	584	629	848	445	210	705		
228-33-34-15.5		100	75	92	162	19.75	13.5	31.5	31.75	27	28.75	33.38	17.5	12.25	27.75		
220 00 0 1 2010		30	23	42	73	502	343	800	806	686	730	848	445	311	705		
234-33-34-15.5		140	100	133	203	26.25	20	31.5	31.75	33.5	35.25	33.38	17.5	18.75	27.75		
201 00 01 2010		43	30	60	92	667	508	800	806	851	895	848	445	476	705		
232-39-40-15.5		250	150	180	250	23.75	17.5	40	39	31	32.75	39.88	20.38	16.25	36.75		
202 00 40 10.0		76	46	82	113	603	445	1016	991	787	832	1013	518	413	933		
240-39-40-15.5		350	200	218	288	32.25	26	40	39	39.5	41.25	39.88	20.38	22.75	36.75		
2.0 00 40 10.0		107	61	99	131	819	660	1016	991	1003	1048	1013	518	578	933		

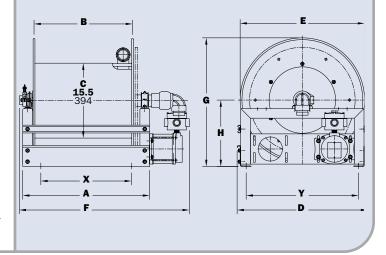
Notes:

- 1. Specifications subject to change.
- 2. Upon request, reels can be supplied with drum lengths other than shown and with
- 3. Weights shown in chart are for crank rewind models. ADD these amounts for power

	Net lbs/kg	Ship lbs/kg
Electric	40 /18.1	40 /18.1
Hydraulic	20 /9.1	20 /9.1
Air	20 /9.1	20 /9.1

- 4. When ordering power rewind models, prefix model number with:
 - A = Air Rewind Supplied with control valve and 18" air hose.
 - = Electric Rewind (1/2 HP) 12v and 24v DC rewind supplied with non-explosion-proof switch and solenoid; 115v AC rewind is not supplied with switch but it can be ordered separately.
- **EPJ** = Explosion-Proof Electric Rewind (1/2 HP) supplied with explosion-proof switch, solenoid, and junction box.
- **HD** = Hydraulic Rewind Not supplied with control valve.
- 5. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint. ***X, Y indicate mounting holes.



Series N800/800

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

- Non-sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet: full flow swivel joint, 1" female NPT threads.
- Standard outlet: 1" female NPT threads.
- Standard: inlet, outlet riser, and hub assembly are steel. Options: also available in stainless steel.
- Standard pressures to 2000 psi (138 bar).
- Standard fluid temperatures from -40° F to +250 °F (-40° C to +121° C). Optional temperature ratings available - consult factory.
- 4-way roller assembly.
- Constant tension is available consult factory.
- Reel models designed for diesel exhaust fluid (Series DEF) are also available – refer to pages 14 & 15.

Series N800

Narrow frame and compact mounting base.

Series 800

• Rollformed channel frame for heavy-duty applications.







Series 800 Standard SR configuration shown

PARTS DRAWING - SERIES N800 - ISO 81; SERIES 800 - ISO 42

Model	Hose (Hose Capacity of Reel Approx. Weight Ib. kg					Reel Dimensions*** in. mm											
Number	I.D. in. mm O.D. in. mm	3/4 19 1-9/32 33	1 25 1-1/2 40	NET	SHIP	Roller Assy.	A	В	С	D	E	F	G	н	х	Y		
N816-25-26-10.5B		60	35	96	131	N204	10	4	10.5	12	25.5	14.12	26	13.62	8	10		
1010-23-20-10.35		18	11	44	59	NZUT	254	102	267	305	648	359	660	346	203	254		
N818-25-26-10.5B		-	50	102	137	N206	12	6	10.5	12	25.5	16.16	26	13.62	10	10		
		-	15	46	62		305	152	267	305	648	410	660	346	254	254		
N818-25-26-10.5G		75	-	108	143	N206	12	6	10.5	12	25.5	16.16	26	13.62	10	10		
		23	-	49	65		305	152	267	305	648	410	660	346	254	254		
N818-25-26-10.5 SD		75	-	110	145	N206	12	6	10.5	12	25.5	16.91	26	13.62	10	10		
		23		46	66		305	152	267	305	648	430	660	346	254	254		
816-25-26-10.5B		50	35	96	131	R204	9.25	4	10.5	26.25	24.75	14.75	25.88	13.5	4.5	21.75		
010 10 10 10:01		18	11	44	59		235	102	267	667	629	375	657	343	114	552		
818-25-26-10.5B		-	50	102	137	R206	11.25	6	10.5	26.25	24.75	16.75	25.88	13.5	6.5	21.75		
			15	46	62		286	152	267	667	629	425	657	343	165	552		
818-25-26-10.5SD		75	-	110	145	R206	11.25	6	10.5	26.25	24.75	17.5	25.88	13.5	6.5	21.75		
		23		46	66		286	152	267	667	629	445	657	343	165	552		
820-25-26-10.5A		-	75	131	166	R308	13.25	8	10.5	27	24.75	19.5	25.88	13.5	8.5	21.75		
		-	23	59	75		337	203	267	686	629	495	657	343	216	552		
820-30-31-10.5A		-	100	137	172	R308	13.25	8	10.5	30.5	28.75	19.5	31.38	17	8.5	25.25		
		-	30	62	78		337	203	267	775	730	495	797	432	216	641		
820-30-31-15.5A		100	-	145	180	R308	13.25	8	15.5	30.5	28.75	19.5	31.38	17	8.5	25.25		
		30	-	66	82		337	203	394	775	730	495	797	432	216	641		

Notes:

A hose stop is necessary to keep spring from unwinding.

- 1. Specifications subject to change.
- Reel models and capacities shown are for standard drag applications; for heavy-duty or vertical lift applications, consult factory.
- 3. Other sizes, from standard components, available on request.
- 4. Finish: Refer to page 3.
- 5. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

*** X, Y indicate mounting holes. See page 2.

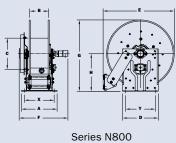
Available Roller Positions



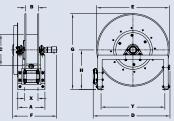












Series 800

Series 900

To handle 1-1/4" or 1-1/2" I.D. hose.

- Rollformed channel frame construction.
- Non-sparking ratchet assembly.
- Declutching arbor to prevent damage from reverse winding.
- Standard inlet: 90° swivel joint, 1-1/2" female NPT threads and 2" Victaulic® groove.
- Standard outlet: 1-1/2" female NPT threads.
- Standard: inlet, outlet riser, and hub assembly are steel. Options: also available in aluminum or stainless steel.
- Standard pressures to 600 psi (41 bar).
- Standard fluid temperatures from -40° F to +400 °F (-40° C to +204° C). Optional temperature ratings available - consult factory.
- 4-way roller assembly.
- Constant tension is available consult factory.
- Reel models designed for diesel exhaust fluid (DEF) are also available - refer to pages 14 & 15.



Standard SR configuration shown

PARTS DRAWING - ISO 29

Model	Hose	Capacity o	f Reel		. Weight kg	. Standard				Reel [Dimensio in. mm	ns***			
Number	I.D. in. mm O.D. in. mm	1-1/4 32 1-13/16 46	1-1/2 38 2-1/16 52	NET	SHIP	Roller Assy.	A	В	D	E	F	G	н	Х	Υ
922-23-24-10.5B		40	25	104	139	R310	15.25	10	25.25	22.75	24	23.88	12.5	10.5	20
322-23-24-10.3B		12	8	47	63	KSIU	387	254	641	578	610	607	318	267	508
920-25-26-10.5A		50	40	127	162	R308	13.25	8	27	24.75	22.75	25.88	13.5	8.5	21.75
320-23-20-10.3A		15	12	58	73	K308	337	203	686	629	578	657	343	216	552
922-30-31-10.5A		75	50	156	56 191	R310	15.25	10	30.5	28.75	24.75	31.38	17	10.5	25.25
322-30-31-10.JA		23	15	71	87	1.010	387	254	775	730	629	797	432	267	641

A hose stop is necessary to keep spring from unwinding.

- 1. Specifications subject to change.
- 2. Reel models and capacities shown are for standard drag applications; for vertical lift applications, consult factory.
- 3. Other sizes, from standard components, available on request.
- 4. Finish: Refer to page 3.
- 5. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

*** X, Y indicate mounting holes. See page 2.

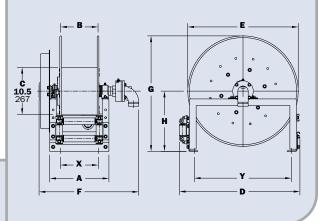
Available Roller Positions











Series IV

For Inverted Installation

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

- Chain and sprocket drive powered by an electric, hydraulic, or compressed air motor.
- Strap brake and air caliper brake are standard.
- Standard inlet: 90° ball bearing swivel joint, 1-1/2" female NPT threads and 2" Victaulic® groove.
- Optional 2" internals also available.
- Standard outlet: 1-1/2" female NPT threads.
- Standard: inlet, outlet riser, and hub assembly are steel. Options: also available in aluminum or stainless steel.
- Standard pressures to 600 psi (41 bar).
- Standard fluid temperatures from -40° F to +400 °F (-40° C to +204° C). Optional temperature ratings available - consult factory.
- Consult factory for other pressures and temperatures.
- Refer to page 13 for installation options.



Standard configuration shown Installation "A" (see page 13)

PARTS DRAWING - ISO 103

Model Number		Hose (Capacity feet m	of Reel			. Weight kg				R	Reel Dime in. 1		*			
For Power Rewind	I.D. in. mm	1-1/4 32	1-3/8 35	1-1/2 38	2 51												
coo Noto 2	O.D. in. mm	1.81 46	1.92 49	2.10 53	2.56 65	NET	SHIP	А	В	С	D	E	F	G	Н	Х	Υ
IV 24-33-34-10.5		175	175	150	-	198	252	22.25	15.5	10.5	32.37	41	29.5	33.88	18	20.25	24.25
17 24-00-04-10.0		53	53	46	-	90	114	565	394	267	822	1041	749	861	457	514	616
IV 22-35-36-10.5		200	200	125	-	206	261	20.25	13.5	10.5	32.37	41.75	27.5	34.88	18	18.25	24.25
17 22-33-30-10.3		61	61	38	-	93	118	514	343	267	822	1060	699	886	457	464	616
* IV 18-39-40-15.5		175	125	100	70	260	320	16.25	9.5	15.5	34.25	45.5	23.5	40.75	21.25	14.25	27
10 10-33-40-13.3		53	38	30	21	118	145	413	241	394	870	1156	597	1035	540	362	686
* IV 20-39-40-15.5		200	175	150	100	271	331	18.25	11.5	15.5	34.25	45.5	25.5	40.75	21.25	16.25	27
10 20-35-40-15.5		61	53	46	30	123	150	464	292	394	870	1156	648	1035	540	413	686
******		200	125	125	70	258	325	14.25	7.5	15.5	39	51	21.5	46.25	23.75	12.25	31.38
* IV 16-45-46-15.5		61	38	38	21	117	147	362	191	394	991	1295	546	1175	603	311	797
* 11/40 45 40 45 5		250	175	175	100	276	343	16.25	9.5	15.5	39	51	23.5	46.25	23.75	14.25	31.38
* IV 18-45-46-15.5		76	53	53	30	125	156	413	241	394	991	1295	597	1175	603	362	797

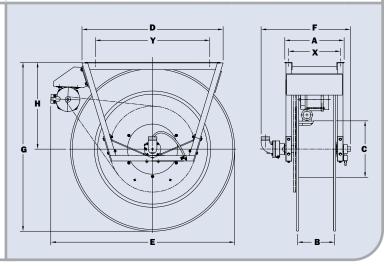
Notes:

- 1. Specifications subject to change.
- 2. Upon request, reels can be supplied with drum lengths other than shown and with disc sizes in other diameters.
- 3. When ordering power rewind models, prefix model number with:
 - A = Air Rewind Supplied with control valve and 18" air hose.
 - EP = Electric Rewind (1/2HP) 12v DC rewind supplied with non-explosion proof switch and solenoid: 115v AC rewind is not supplied with switch but it can be ordered separately.
- **EPJ** = Explosion Proof Electric Rewind (1/2 HP) Supplied with explosion proof switch, solenoid, and junction box.
- HD = Hydraulic Rewind Not supplied with control valve.

4. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

- * When ordering with 2" inlet/outlet, place a "2" after IV (ie: IV 220-39-40).
- ***X, Y indicate mounting holes.



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Series IV5000 | Single Wrap

For Inverted Installation

To handle single 1-3/8" 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 is optional.
- 12 volt rewind; strap brake standard. Air brake optional.
- Standard with a reduction unit only. Electric clutch units 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 and riser are ductile iron for petroleum fuel.
- Standard: pressures to 600 psi (41 bar).
- Standard fluid temperatures from -40° F to +400 °F (-40° C to +204° C).
- Consult factory for other pressures and temperatures.
- Refer to page 13 for installation options.



Standard Electric Rewind (EP) model shown with optional hose

PARTS DRAWING - ISO 197

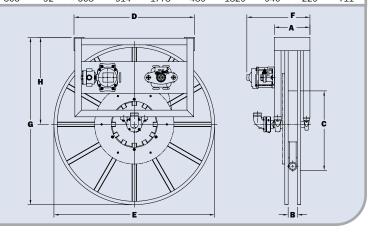
Model Number	Н		city of Re t m	el	Approx. lb.	Weight kg	Reel Dimensions*** in. mm												
For Power Rewind see Note 2	I.D. in. mm O.D. in. mm	1-3/8 35 1.92 49	1-1/2 38 2.10 53	2 51 2.56 65	NET	SHIP	A	В	С	D	Е	F POWER	G	Н	Х	Y			
IV5111-48-50-20		-	50	-	247	297	11.13	2.5	20	36	48	17.5	50	26	8.13	28			
103111-40-30-20		-	15	-	112	135	283	64	508	914	1219	445	1270	660	296	711			
IV5111-56-58-20		-	75	-	263	313	11.13	2.5	20	36	56	17.5	58	30	8.13	28			
110111 00 00 10		-	23	-	119	142	283	64	508	914	1422	445	1473	762	206	711			
IV5111-62-64-20		100	100	-	276	326	11.13	2.5	20	36	62	17.5	64	33	8.13	28			
173111-02-04-20		30	30	-	125	148	283	64	508	914	1575	445	1626	838	206	711			
IV5111-72-73-24		150	-	-	386	461	11.13	2.5	24	36	72	17.5	73	38	8.13	28			
103111-12-13-24		46	-	-	175	209	283	64	610	914	1829	445	1854	965	206	711			
IV5111-78-80-24		170	-	-	413	513	11.13	2.5	24	36	78	17.5	80	41	8.13	28			
110111100024		52	-	_	187	233	283	64	610	914	1981	445	2032	1041	206	711			
IV5218-56-58-24		-	-	50	268	318	12	3.63	20	36	56	19.25	58	30	9	28			
173210-30-30-24		-	-	15	122	144	305	92	508	914	1422	489	1473	762	229	711			
IV5218-62-64-24		-	-	75	280	330	12	3.63	20	36	62	19.25	64	33	9	28			
143210-02-04-24		-	-	23	127	150	305	92	508	914	1575	489	1626	838	229	711			
IV5218-70-72-24		-	-	100	295	370	12	3.63	20	36	70	19.25	72	37	9	28			
143210-70-72-24		_	_	30	134	168	305	92	508	914	1778	489	1829	940	229	711			

Notes:

- 1. Specifications subject to change.
- 2. When ordering power rewind models, prefix model number with:
 - A = Air Rewind Supplied with control valve and 18" air hose.
 - \mathbf{EP} = Electric Rewind (1/2 HP) 12v DC rewind reels are supplied with switch and solenoid.
 - **HD** = Hydraulic Rewind Not supplied with control valve.
- 3. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

*** X, Y indicate mounting holes.



Guide for Series IV Inverted Installations

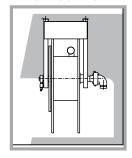
For reels with 1-1/2" I.D. hub assembly to handle 1-1/4" through 2" I.D. hose.

When ordering a reel for inverted installation, please specify which of the following component locations you prefer. Please specify component location by letter. If not otherwise specified, reels will be shipped as shown in A.

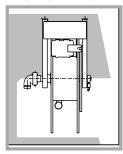
Installation A

Hose unwinds from top of reel to curbside and from bottom of reel to streetside. Swivel joint is on side nearest tank. Rewind mechanism and braking devices are at the rear of the truck. Rewind motor is on streetside.

FROM CURBSIDE

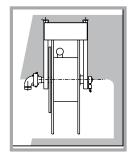


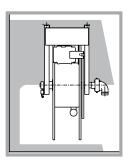
FROM STREETSIDE



Installation B

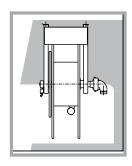
Hose unwinds from top of reel to curbside and from bottom of reel to streetside. Swivel joint, rewind mechanism, braking, and locking devices are at the rear of the truck. Rewind motor is on streetside.

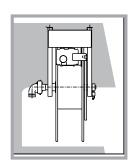




Installation C

Hose unwinds from bottom of reel to curbside and from top of reel to streetside. Swivel joint is on side nearest tank. Rewind mechanism, braking, and locking devices are at the rear of the truck. Rewind motor is on streetside.





13

Series **DEF**

Diesel Exhaust Fluid (DEF) hose reels are built to help meet diesel emissions regulations. These reels feature a 304-grade stainless steel fluid path in various sizes. Spring rewind retractable reels, available for shorter lengths up to 1" ID hose, are listed below. Manual or power rewind reels, available for longer lengths up to 2" ID hose are listed on page 15.

To handle 1/2", 3/4" or 1" I.D. hose.

- Narrow frame and compact mounting base.
- Non-sparking ratchet assembly.
- · Declutching arbor to prevent damage from reverse winding.
- Standard inlet: 90° 304 stainless steel swivel with EPDM seals (available in 1/2", 3/4" or 1" FNPT).
- Standard outlet: 304 stainless steel fluid path (available in 1/2", 3/4" or 1" FNPT).
- Standard pressures to 2000 psi (138 bar).
- Standard fluid temperatures from -65° F to +300 °F (-54° C to +149° C). Optional temperature ratings available - consult factory.
- 4-way roller assembly.
- · Constant tension is available consult factory.



Optional TR configuration shown

PARTS DRAWING - ISO 246 (1/2" HOSE), ISO 247 (3/4" HOSE), ISO 248 (1" HOSE)

Model	Hose Capacity of Reel feet m				Approx. Weight lb. kg			Standard	Reel Dimensions*** in. mm							
Number (see notes)	I.D. in. mm O.D. in. mm	1/2 13 .75 19	3/4 19 1.03 26	1 25 1.38 35	NET	UPS/ FedEx SHIP Wt.	Freight SHIP Wt.	Roller Assy.	A	В	С	E	F	G	н	х
DEF-N716-14-16-8C		25 8	- -	- -	52 24	64 29	87 39	N204	10 254	4 102	8 203	18.12 460	13 330	16.12 409	9.12 232	8 203
DEF-N716-19-20-10.5J		50 15	25 8	-	64 29	82* 37	99 45	N206	10 254	4 102	10.5 267	20.75 527	13 330	20 508	10.62 270	8 203
DEF-N716-25-26-15.5B		75 23	<u>-</u> -	-	90 41	-	125 57	N204	10 254	4 102	15.5 394	25.5 648	13 330	26 660	13.62 346	8 203
DEF-N716-23-24-10.5J		-	50 15	_	79 36	92* 42	114 52	N204	10 254	4 102	10.5 267	24 610	13 22.75	24 610	12.62 321	8 203
DEF-N718-25-26-15.5B		<u>-</u> -	75 23	<u>-</u> -	96 44	-	131 59	N206	12 305	6 152	15.5 394	25.5 648	15 381	26 660	13.62 346	10 254
DEF-N816-23-24-10.5J		-	<u>-</u> -	25 8	87 39	-	122 55	N204	10 254	4 102	10.5 267	24 610	14.125 359	24 610	12.62 321	8 203
DEF-N818-25-26-10.5B		<u>-</u> -	<u>-</u>	50 15	102 46	<u>-</u> -	137 62	N206	12 305	6 152	10.5 267	25.5 648	16.125 410	26 660	13.62 346	10 254

Notes:

A hose stop is necessary to keep spring from unwinding.

- 1. Specifications subject to change.
- 2. Reel models and capacities shown are for standard drag applications; for vertical lift applications, consult factory.
- 3. Other sizes, from standard components, available on request.
- 4. Be sure to check dimensions and weights prior to ordering.

NOTICE: A flexible connector must be used between the inlet pipe and the inlet swivel joint.

*Dimensional weight may apply when shipped as a parcel package (via FedEx or UPS Ground).

*** X, Y indicate mounting holes.

Original model numbers have been updated

Please use crossover model numbers when ordering: DFF-425 - use DFF-N716-14-16-8C

DFF-450 - use DFF-N716-19-20-10.51

DEF-475 - use DEF-N716-25-26-15.5B

DEF-625 - use DEF-N716-19-20-10.5J**

DEF-650 - use DEF-N716-23 -24-10.5J**

DEF-675 - use DEF-N718-25-26-15.5B**

DEF-825 - use DEF-N816-23-24-10.5J DEF-850 - use DEF-N818-25-26-10.5B

**Reel models for 3/4" ID hose will be supplied with

3/4" SST inlet adapter only.

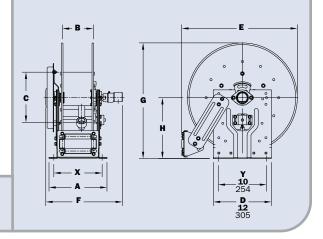
Available Roller Positions











Series **DEF**

To handle longer lengths of single 1/2" through 2" I.D. hose.

- · Heavy-duty reels designed for longer lengths.
- Choose gear-driven crank rewind or chain and sprocket drive powered by an electric, hydraulic, or compressed air motor.
- Fricton brake standard on all reels.
- Standard inlet: 90° 304 SST swivel with EPDM seals (available in 1/2" through 2" FNPT).
- Standard outlet: 304 SST fluid path (available in 1/2" through 2" FNPT).
- Standard pressures to 1000 psi (69 bar).
- Standard fluid temperatures from -65° F to +300 °F (-54° C to +149° C).
- Consult factory for other pressures and temperatures.
- Optional 4-way rollers and chain guard.
- NOTE: Must prefix model with DEF- when ordering.



DEF-6000 Series Standard configuration shown with Electric Rewind Handles 1/2", 3/4" or 1" ID Hose

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PLEASE CONSULT FACTORY FOR MANUAL OR POWER REWIND DEF REELS FOR LONGER LENGTH HOSE:

Contact Hannay Reels Inside Sales Department at: 877-467-3357 or email reels@hannay.com for more information on options available. Be sure to provide detailed specifications on hose type, ID/OD, length, rewind preference and any other important specifications when ordering.

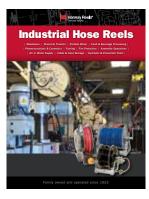
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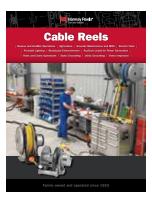
Ordering & Accessory Guide

- · Selecting the right reel
- · Reel components
- · Available accessories
- How to spec and order reels and accessories
- · Ordering options
- Hannay Reels policies



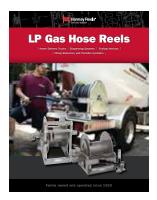
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- · Manual rewind vapor reels
- · Aluminum construction

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All Hannay reels are constructed of quality heavy gauge steel (optional aluminum or stainless steel also available on most models).

