

ThorburnFlex



THOR-REEL - Heavy Duty Hose Reels
Engineered Solutions For Pipe Motion

Canada 
www.thorburnflex.com



THOR-REEL™ Hose Reels

Air, Water, Lube Oil & Waste Oil Evacuation Applications

THOR-REEL™ Features & Benefits:

- Rugged assembly for heavy-duty applications
- Non sparking ratchet assembly
- Constant Tension is available – *Consult Thorburn for details*
- Arbor disengagement to prevent damage from reverse winding
- Standard material is carbon steel – *Also available in other materials*
- Pressure up to 10,000 psi also available – *Consult Thorburn for details*
- Sprocket drive powered by an electric, hydraulic or compressed air motor with a strap brake. (Gear driven & crank rewind also available).
- Standard inlet, outlet riser, and hub assembly are steel.
- Riser and hub assembly also available in stainless steel.



Thorburn's THR2 Heavy Duty Large Frame Spring Rewind Hose Reel

Spring Rewind Hose Reels

Hose ID Sizes: 1/2" (13 mm) through 1 1/2" (38 mm)

Model THR1 (Light Duty): Hose ID: From 1/2" through 1" I.D.

Inlet: 1/2" up to 1" female/male NPT 90° swivel joint.

Swivel Joint: 1/2" up to 1" female/male NPT. **Pressure:** up to 3000 psi

Temperature: -54°C (-50°F) to 100°C (212°F)

Model THR2 (Heavy Duty): Hose ID: From 1/2" through 1" I.D.

Inlet: 1/2" up to 1" female/male NPT 90° swivel joint.

Swivel Joint: 1/2" up to 1" female/male NPT. **Pressure:** up to 3000 psi

Temperature: -54°C (-50°F) to 100°C (212°F)

Model THR3 (Heavy Duty): Hose ID: From 1" through 1 1/2" I.D.

Inlet: 1" up to 1 1/2" female/male NPT 90° swivel joint.

Swivel Joint: 1" to 1 1/2" female/male NPT. **Pressure:** up to 600 psi

Temperature: -54°C (-50°F) to 100°C (212°F)

NOTE: Other sizes and/or threads can be furnished for swivel joint when specified. Reels to operate at other temperatures or pressures are available.



Thorburn's THR6 Heavy Duty Large Frame Power Rewind Hose Reel

Power Rewind Hose Reels

Hose ID Sizes: 1/2" (13 mm) through 3" (80 mm)

Model THR6 (Heavy Duty): Hose ID: From 1/2" through 1" I.D.

Inlet: 1/2" up to 1" female/male NPT 90° swivel joint.

Swivel Joint: 1/2" up to 1" female/male NPT. **Pressure:** up to 5000 psi

Temperature: -51°C (-60°F) to 121°C (250°F)

Model THR7 (Heavy Duty): Hose ID: From 1" through 1 1/2" I.D.

Inlet: 1" up to 1 1/2" female/male NPT 90° swivel joint.

Swivel Joint: 1" up to 1 1/2" female/male NPT. **Pressure:** up to 600 psi

Temperature: -51°C (-60°F) to 121°C (250°F)

Model THR9 (Heavy Duty): Hose ID: From 2" through 3"

Inlet: 2" up to 3" female/male NPT 90° swivel joint.

Swivel Joint: 2" to 3" female/male NPT. **Pressures:** up to 300 psi

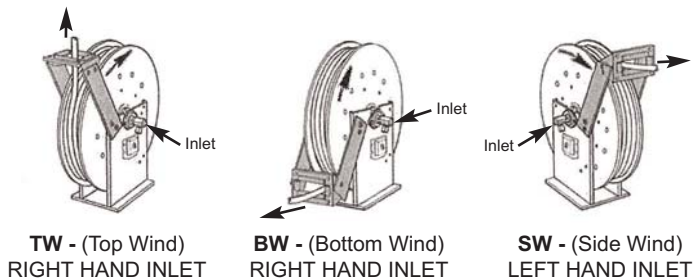
Temperature: -51°C (-60°F) to 121°C (250°F)

NOTE: A flexible connector must be used between the inlet pipe and the inlet swivel joint. Some applications require a clutch/ reduction unit.

THOR-REEL™ Technical Data

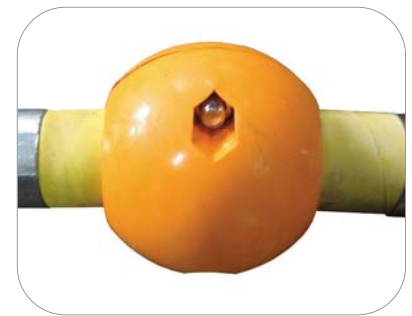
Thorburn Part Number	Hose Capacity of Reel									Appr. Weight Crank Rewind	
	ID in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	NET lb	SHIP lb
	ID mm	13	19	25	32	38	51	64	76		
OD in	7/8	1-9/32	1-9/16	1-13/16	2-1/16	2-9/16	3-3/16	3-3/4	3-3/4	kg	kg
OD mm	22	22	33	40	46	52	65	81	95		
Spring Rewind Hose Reels											
THR1-23-6	ft	100	65	60						95	145
	m	30	20	18						43	66
THR2-31-10	ft	90	100	100						128	178
	m	27	30	30						58	80
THR3-31-8	ft			75	75	50				125	168
	m			23	23	15				57	76
Power Rewind Hose Reels											
THR6-30-31	ft	400	200	125						101	151
	m	122	61	38						40	68
THR6-33-34	ft		550	300						129	179
	m		168	91						69	81
THR7-23-24	ft			200	175	100				130	172
	m			61	53	30				59	78
THR7-33-34	ft			300	200	175				133	183
	m			91	61	53				60	83
THR9-33-34	ft						100	46	38	187	257
	m						30	14	11	85	117
THR9-45-46	ft						200	130	116	361	525
	m						61	40	35	164	239

Roller Position: A suffix code must be added after the model number to specify desired position. Reels are shipped in the BW position unless specified otherwise.



Optional

Rubber Hose Stopper: hose stoppers should be used to prevent damage to rollers and nozzles and to permit adjustment of free hose length and a non-slip grip.



How to Order THOR-REEL™ Hose Reels

THR6-33-34-16-300-ER115V-BW-S-1000

(Part Number in Imperial units)

THR6	THOR-REEL Model THR6
33	Reel Height 33 inches (825mm)
34	Reel Width: 34 inches (850mm)
16	1 inch (25mm) hose ID <i>Note: Hose sizes are in 1/16 inch</i>
300	300 ft (91m) Hose Length Capacity
BW	Bottom Wind - Right Hand Inlet
S	Hose Stopper
1000	1000 psi (69 Bar) Pressure Rating

Notes:

- Specifications subject to change.
- 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.
- Weights shown in chart are for crank rewind models. ADD these amounts for power rewind models.

Power Type	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

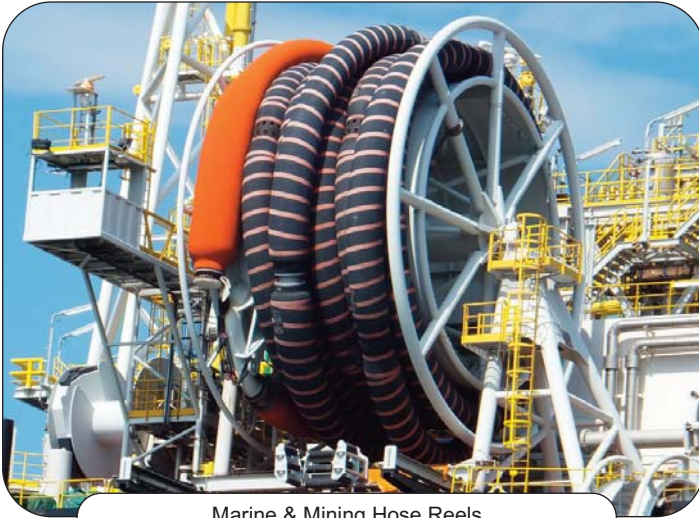
- When ordering power rewind models, suffix model number with:
AR = Air Rewind – Supplied with control valve and 18" air hose.
ER = Electric Rewind (1/2 HP) – 12v and 24v DC rewind reels are supplied with switch and solenoid;
ER115V = 115v AC rewind reels are not supplied with switch but can be ordered separately.
HR = Hydraulic Rewind – Not supplied with control valve.
- Roller position add suffix code after power code.
TW (Top Wind - Right Hand Inlet)
BW (Bottom Wind - Right Hand Inlet)
SW (Side Wind - Left Hand Inlet)
- Optional rubber hose stopper add suffix code **S** after roller position

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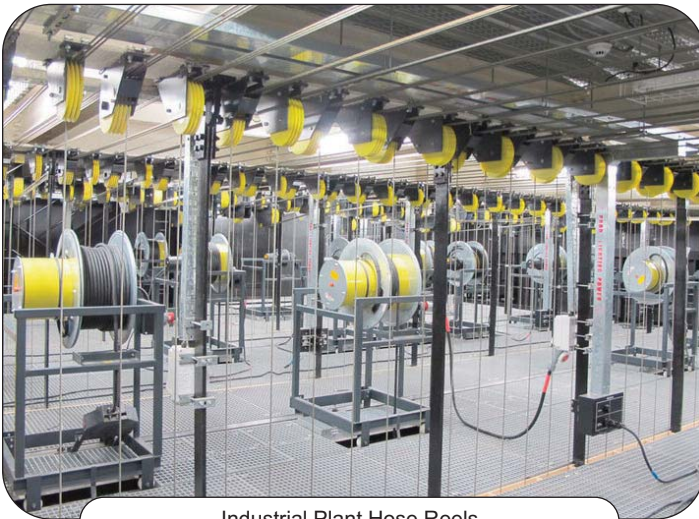
Other THOR-REEL Applications



Marine & Mining Hose Reels



Sewer Cleaning Hose Reels



Industrial Plant Hose Reels



Mobile Hose Reels



*Over 50 years of flexible piping experience
 waiting to serve you...*