

ThorburnFlex



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



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.

Spring Rewind Hose Reels - Pressures up to 3,000 PSI (207 BAR)

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 (207 bar)

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 (207 bar)

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 (41 bar)

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 THR2 Heavy Duty Large Frame Spring Rewind Hose Reel

Power Rewind Hose Reels - Pressures up to 20,000 PSI (1379 BAR)

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

Model THR5 (Heavy Duty): Hose ID: From 1/2" through 2" I.D.

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

Swivel Joint: 1/2" up to 2" female NPT. **Pressure:** up to 20,000 psi (1379 bar)

(For higher pressure, consult thorburn for thread configuration)

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

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 5,000 psi (345 bar)

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 (41 bar)

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.



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

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	OD mm	kg	kg
Spring Rewind Hose Reels											
THR1-23-6	ft m	100 30	65 20	60 18						95 43	145 66
THR2-31-10	ft m	90 27	100 30	100 30						128 58	178 80
THR3-31-8	ft m			75 23	75 23	50 15				125 57	168 76
Power Rewind Hose Reels											
THR6-30-31	ft m	400 122	200 61	125 38						101 40	151 68
THR6-33-34	ft m		550 168	300 91						129 69	179 81
THR7-23-24	ft m			200 61	175 53	100 30				130 59	172 78
THR7-33-34	ft m			300 91	200 61	175 53				133 60	183 83
THR9-33-34	ft m						100 30	46 14	38 11	187 85	257 117
THR9-45-46	ft m						200 61	130 40	116 35	361 164	525 239

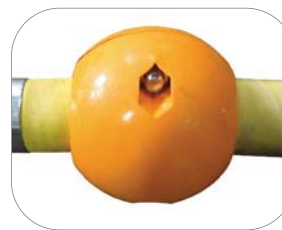
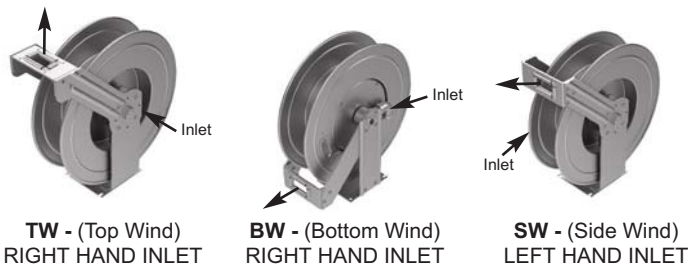
Notes:

- 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

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. **(Code S)**

How To Order Thorburn THOR-REEL™

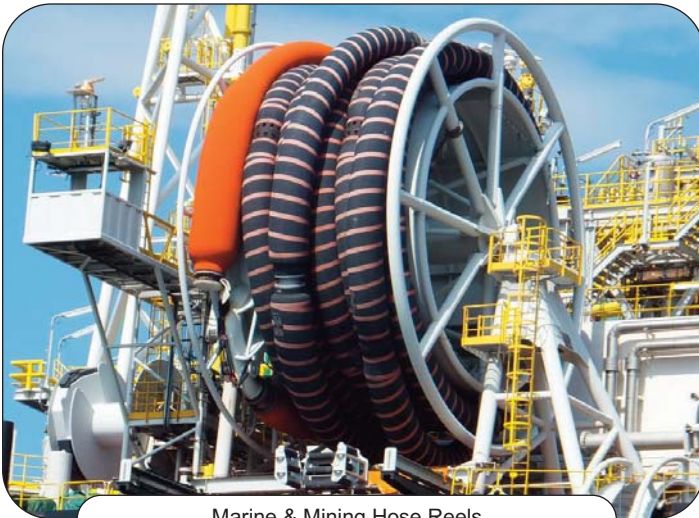
Hose Reels Model	Reel Height (in)	Reel Width (in)	Hose ID	Hose Length (in)	Roller Position	Option	Pressure (PSI)
THR6	33	34	16	3000	BW	S	1000
THR2 THR3 THR5 THR6 THR7 THR9	For metric lengths use (mm) after number		04 = 1/4" 06 = 3/8" 08 = 1/2" 12 = 3/4" 16 = 1" 20 = 1 1/4" 24 = 1 1/2" 32 = 2" 40 = 2 1/2" 48 = 3"	For metric lengths use (mm) after number	TW = Top Wind BW = Bottom Wind SW = Side Wind	S = Rubber Hose Stopper	

THORBURN FLEX - Canada
 165 Oneida, Pointe-Claire, Quebec
 Canada, H9R 1A9
 Tel: +1-514-695-8710
 Fax: +1-514-695-1321
 sales@thorburnflex.com
 1-800-363-6613
 (Toll Free North America)



ISCIR Romania | CNCAN Romania | EN 13480-2002 | HAF 604 China | TSG China

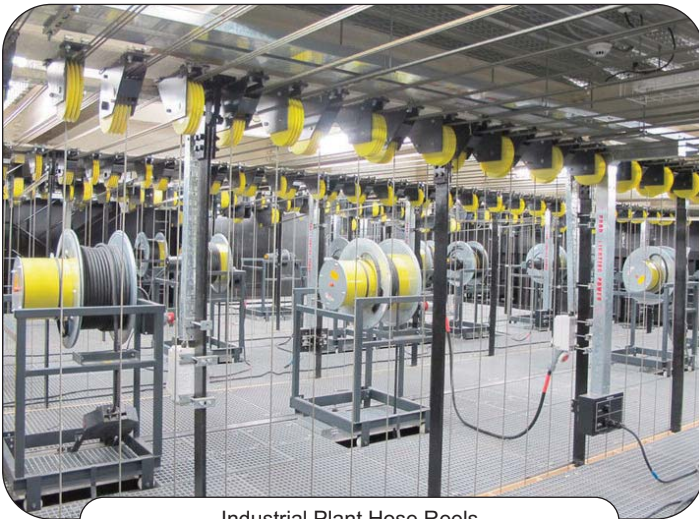
Other THOR-REEL Applications



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...*