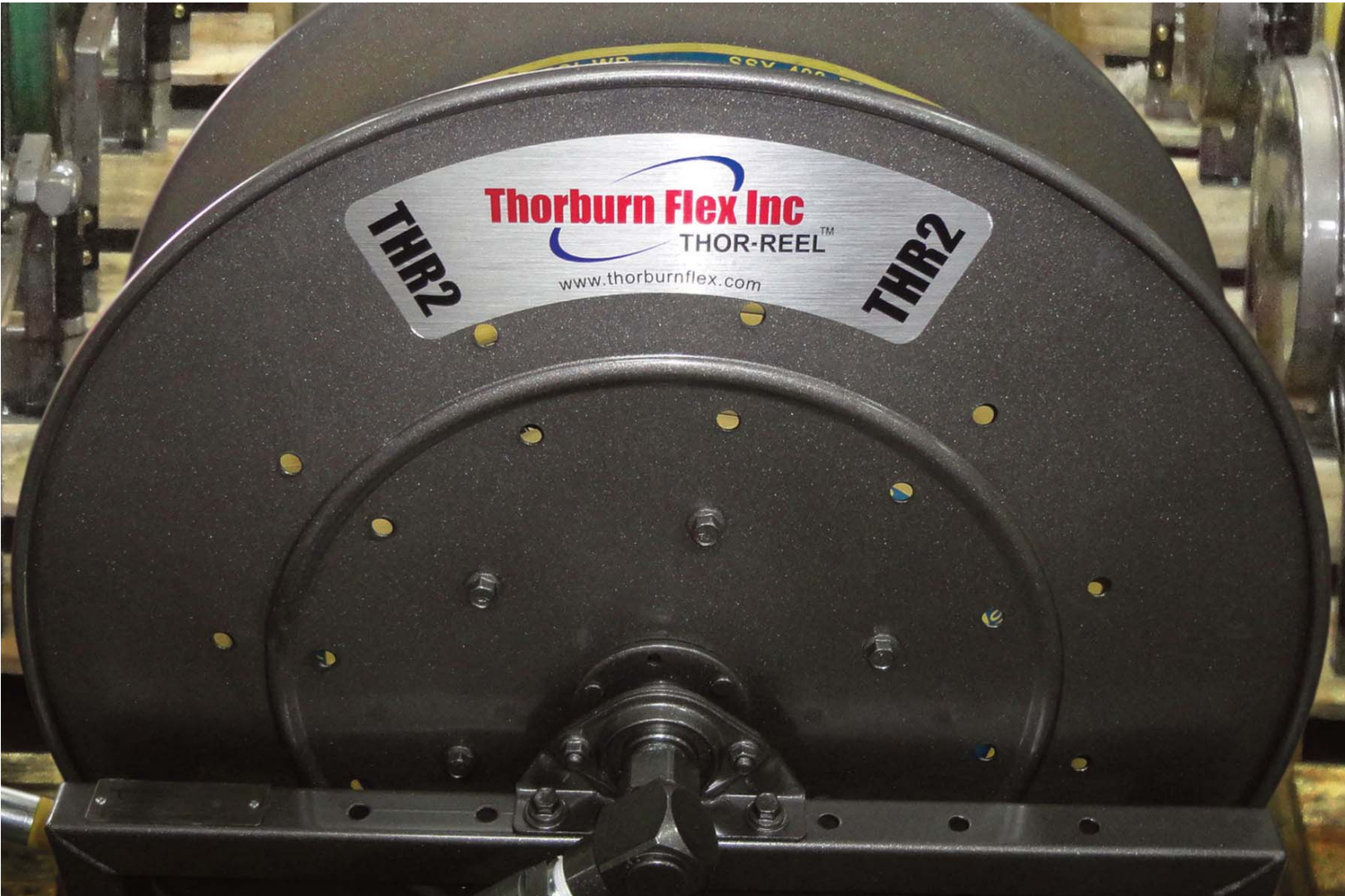


# *ThorburnFlex*



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

Canada   
[www.thorburnflex.com](http://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)

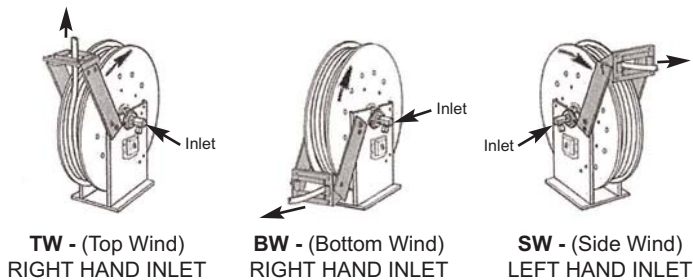
**Model THR9 (Heavy Duty):** Hose ID: From 2" through 3"  
**Inlet:** 2" up to 3" female/male NPT 90° swivel joint.  
**Swivel Joint:** 2" to 3" female/male NPT. **Pressures:** up to 300 psi  
**Temperature:** -51°C (-60°F) to 121°C (250°F)

**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

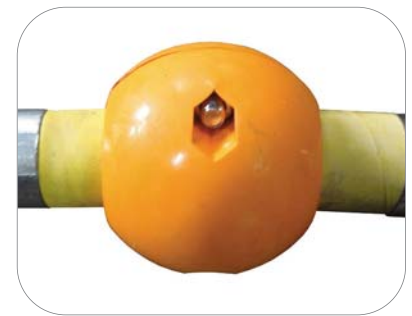
Thorburn Part Number	Hose Capacity of Reel									Appr. Weight Crank Rewind	
	ID in	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	NET lb	SHIP lb
	ID mm	13	19	25	32	38	51	64	76		
OD in	7/8	1-9/32	1-9/16	1-13/16	2-1/16	2-9/16	3-3/16	3-3/4	3-3/4	kg	kg
OD mm	22	22	33	40	46	52	65	81	95		
<b>Spring Rewind Hose Reels</b>											
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
<b>Power Rewind Hose Reels</b>											
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)

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

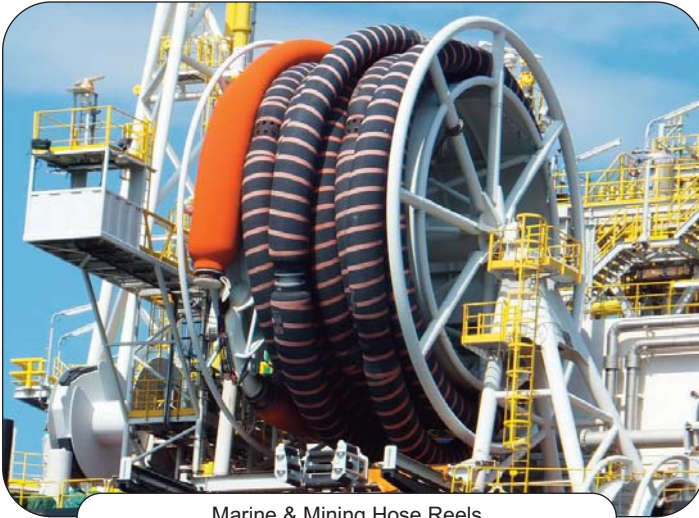


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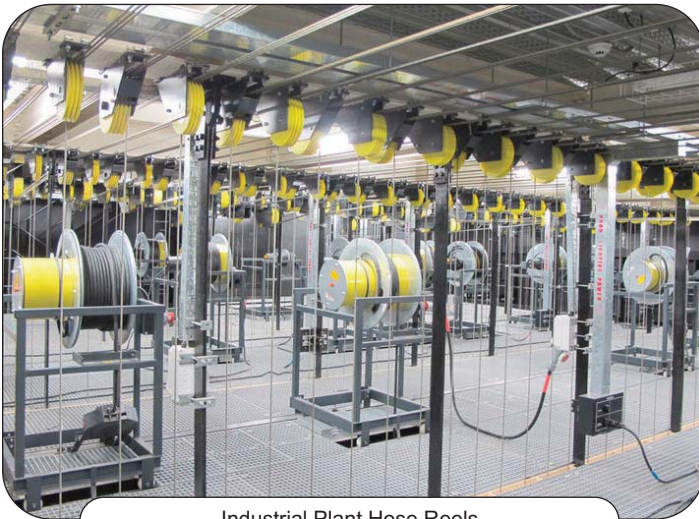
## Other THOR-REEL Applications



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...*