



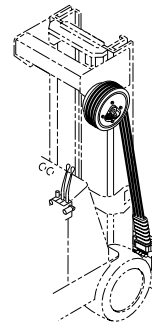
## Increased visibility for two-function attachment installations.

### NOW YOU HAVE AN OPTION

Cascade's THINLINE™ 4-Port Hose Reel gives you the option of using a single reel to supply a two-function attachment. The THINLINE™ 4-Port Reel can be used instead of two standard hose reels, one reel and internal reeving, or one reel and a solenoid. The benefits: Lower initial purchase price, less installation time and unobstructed visibility on one side of the mast (right hand mounting recommended for most attachments).

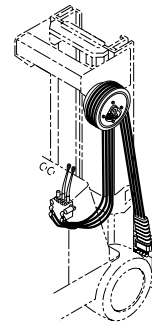
### FEATURES

- THINLINE™ 4-Port Hose Reels have the same features as THINLINE™ 2-Port Reels, which include thin profile, seals in the hub, reversible spring and no center divider
- Hose has full ID dimension with minimum OD dimension, allowing more hose to be stored on a smaller reel
- Hose terminal makes a positive hose-to-hose connection without a rotary joint junction block
- Hose terminal eliminates a potential leak point and has far less restriction because there are no internal check valves
- Flexible strain relief secures the hose to the carriage terminal and maintains hose within its recommended bend radius
- Mounting brackets allow reel to be mounted with extremely narrow profile



### Group Package includes:

- Thinline 4-Port Hose Reel
- Two Hose Reel Hose Sets
- Hose Terminal–Down



### Hydraulic Supply Groups include:

- Thinline 4-Port Hose Reel
- Two Hose Reel Hose Sets
- Hose Terminal–Down
- Four Header Hoses ③
- Fittings
- Mounting Brackets for Hose Reel and Hose Terminals (Weld-On) ④

*A single hose reel provides hook-up for two-function attachments.*

# THINLINE™ 4-PORT HOSE REEL

Mounting Location	Hose Size ①	Catalog Order No.	Flange Size	Total Hose Length	Usable Hose Length	Package Weight (Lbs.)
<b>Hose Reel</b>						
Right Hand	#6	674410	13"	172"	144"	46
Left Hand	#6	674411	13"	172"	144"	46
Right Hand	#6	674412	16"	280"	252"	48
Left Hand	#6	674413	16"	280"	252"	48
<b>Group Package</b>						
Right Hand	#6	675290	13"	172"	144"	57
Left Hand	#6	675291	13"	172"	144"	57
Right Hand	#6	675292	16"	280"	252"	65
Left Hand	#6	675293	16"	280"	252"	65

Mounting Location	Hose Size	Maximum Mast Down Height ②	Catalog Order No.	Reel Diameter	Attachment Functions	Package Weight (Lbs.)	
<b>Hydraulic Supply Groups</b>							
2 Stage Masts	Right Hand	#6	120"	675298 ⑤	13"	2	65
2 Stage Masts	Left Hand	#6	120"	675299	13"	2	65
3 Stage Masts	Right Hand	#6	95"	675298 ⑤	13"	2	65
3 Stage Masts	Left Hand	#6	95"	675299	13"	2	65
3 Stage Masts	Right Hand	#6	152"	675300 ⑤	16"	2	73
3 Stage Masts	Left Hand	#6	152"	675301	16"	2	73
4 Stage Masts	Right Hand	#6	107"	675300 ⑤	16"	2	73
4 Stage Masts	Left Hand	#6	107"	675301	16"	2	73

- ① Hose not included.
- ② For down heights greater than shown, contact Cascade. Normally the reel is mounted on upper top part of mast channel. If mounted elsewhere, check usable hose length.
- ③ Header hoses may require shortening for best fit. Additional fittings may be required for auxiliary valve connection.
- ④ Interference with overhead guard, crossmembers, tilt anchors, etc. may necessitate relocating reels.
- ⑤ Includes Hose Terminal–Up connection.

## Fitting Group

Contains Standard 37° JIC adapter fittings to connect the hoses to the Thinline Reel.

Fitting/Hose Size	Catalog Order No.
#4	673523
#6	646374
#8	646317

## Twinline Bonded Hose

Provides the maximum length twinline thermoplastic hose (SAE 100-R1) for each Thinline Hose Reel size.

Thinline 4-Port Model	Hose Length	Catalog Order No.
#6-13"	172"	674497
#6-16"	280"	674498

## Mounting Bracket—All Masts

Provides the bracket and hardware for mounting the Thinline Reel on virtually any mast.

Thinline 4-Port Model	Catalog Order No.
#6-13" & 16"	675289

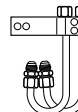
## Hose Terminal–Down



Provides a non-rotary joint hose termination point on the mast carriage. Connections to valves and cylinders between the carriage bars are made directly to the Hose Terminal–Down.

Thinline 4-Port Model	Catalog Order No.
#6-13" & 16"	674449

## Hose Terminal–Up Connection



Hose Terminal–Up Connection tubes are added to the Hose Terminal–Down for connections above the top carriage bar, such as motors and top mounted valves. Includes mounting bracket.

Thinline 4-Port Model	Catalog Order No.
#6-13" & 16"	675287