



# LARGE CAPACITY REEL

## 8120 Series

### Full Flow Design

The goose neck is contoured to match the drum diameter, which allows smooth hose wrapping and unimpeded flow.

✓ **Meets or Exceeds Military Vibration for Truck Transport test**  
MIL-STD-810F  
500,000 mile equivalent

### Long Service Life

The spool axle is supported by independent self-aligning bearing.

### Long Service Life

Swivel incorporates a permanently lubricated ball bearing.

### Free Rotation While Pressurized

The swing joint & spindle allows reel to freely rotate while fluid is pressurized.

### Adjustable Hose Tension

The brake can be adjusted to suit the application requirements.

### Precise Rigid Construction

Proprietary unitized tie rods are zinc plated offering greater strength and resistance to vibration and corrosion.

### Trouble-Free Rewinding

Chain and sprocket drive ensures smooth and consistent operation.

**Full Round Edge**  
Added Strength

### Ultimate Corrosion Resistance

Individually powder coated components insure maximum coverage resistance to corrosion. Stainless steel fasteners are standard.

**Durability**  
Welded Frame  
For Strength



167 Roweland Drive  
Johnson City, TN 37601  
Toll Free U.S.: 866-4-Alemite  
Toll Free Canada: 800-267-8022  
International: 803-802-0001  
Fax U.S.: 800-648-3917  
Fax Canada: 800-267-2880  
Fax International: 803-802-0192  
www.alemite.com



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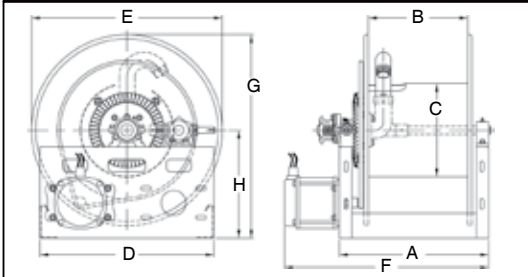
## 8120 Series



Shown with  
Optional Bevel Crank

Made in USA

### DIMENSIONS



### Power/Manual Rewind Hose Reels 1½" Fluid Path for 1" through 1½" I.D. Hose

**REWIND:** ½" pitch chain and sprocket drive powered by A.C. or D.C. electric motor, compressed air or hydraulic motor.

**INLET:** 2" straight victaulic connection with 1½" female NPT straight swivel joint on all models or 2", 90° victaulic with 1½" female NPT. Available when specified.

**GOOSENECK:** 1½" female NPT outlet standard on all models. 1" and 1¼" available when specified.

ADD 12" to E dimension when crank is in rewind position.

Standard seals, maximum temperature 174° F (79° C) and minimum temperature -20° F (-29° C).

<b>Note:</b> Weights shown in chart are for crank rewind models.	Suffix	Motor	LB/KG
	EP,EA,EJ	Electric	42/19
Add these amounts for power rewind models	A	A	26/12
	H	Hydraulic	26/12

HOSE I.D.	in mm	1	1 1/4	1 3/8	1 1/2	HOSE CAPACITY AND REEL DIMENSIONS											
		25	32	35	38												
HOSE O.D.	in mm	1 9/16	1 13/16	2	2 1/16												
		40	46	51	52												
MODEL	HOSE LENGTH					EST. WEIGHT	A	B	C	D	E CRK	E ELC	F CRK	F ELC	G	H	
8120-2512	ft m	95 29	85 26	55 17	50 15	89 LB 40 KG	in mm	18 457	12 305	11 1/4 286	21 533	25 635	25 635	22 559	25 635	26 1/2 673	14 356
8120-3112	ft m	210 64	155 47	115 35	105 32	92 LB 42 KG	in mm	18 457	12 305	11 1/4 286	24 610	31 787	31 787	22 559	25 635	32 1/2 826	17 432
8120-3116	ft m	305 93	205 62	155 47	150 46	96 LB 44 KG	in mm	22 559	16 406	11 1/4 286	24 610	31 787	31 787	26 660	29 737	32 1/2 826	17 432
8120-3120	ft m	365 111	275 84	200 61	190 58	100 LB 45 KG	in mm	26 660	20 508	11 1/4 286	24 610	31 787	31 787	30 762	33 838	32 1/2 826	17 432

Series	Head Dia.	Drum Length	Drive Options		Thread Size-Outlet	Outlet Type	Thread Style	Fluid Path Material	Pressure	Inlet Style	Fluid Path Location/Direction	Color																			
8120	25	12	EP	12v DC Electric Explosion Proof Motor	10	1"	F	Female In	NP	NPT	A	Aluminum	LP	0-600	I	Straight	1	Left Hand Top Wind	M	Alemite Red											
	31	16	EA	115v AC Electric Explosion Proof Motor	12	1¼"			1K	0-1000	2	90 Degree	2	Left Hand Bottom Wind	G	Grey															
			EJ	24v DC Electric Explosion Proof Motor																											
	20		BC	Bevel Crank	15	1½"																									
			A	Air Motor																											
			H	Hydraulic Motor																											

2" Victaulic Connection with 1½" NPT Inlet Standard

**Part No. Example:**  
**8120-2512EP-15FNPALP21M**

- 8120 (Series 8120 Hose Reel)
- 25 (25" Head Dia.)
- 12 (12" Drum Length)
- 15 (1½" Inlet Thread Size)
- NP (NPT Thread Style)
- LP (0-600 PSI)
- 1 (Left Hand Top Wind Fluid Path Location/Direction)
- EP (12v DC Explosion Proof Electric Motor)
- F (Female Outlet Thread Type)
- A (Aluminum Fluid Path)
- 2 (90° Inlet)
- M (Color, Alemite Red)

**Additional Options Available:**  
Hose Guide, Chain Shroud, and Motor Controls