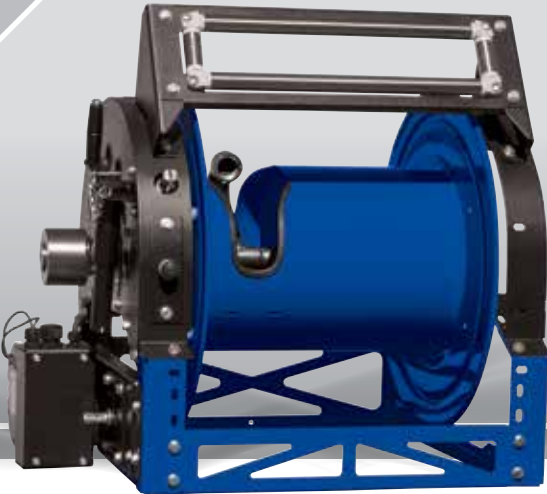


1" I.D.

# 1600 SERIES

## HAND CRANK & MOTORIZED HYBRID FRAME HOSE REELS



1600 Series with optional universal bracket kit, 4-way roller bracket, crank handler holster & bevel gear crank

**COXREELS® 1600 Series features the most versatile symmetric reel design in the market today.** This feature –rich reel series is the most versatile in the marketplace and features nearly endless component configurations on a robust platform for any conceivable application. Targeted for the tough demands of customers requiring various dimensional choices, the series offers flexible size envelopes for any given hose capacity. The 1600 series hybrid frame offers unique accessories and upgrades which allow for application tailoring resulting in enhanced performance and usability.

### 1660 MODELS

- ALL REELS SUPPLIED LESS HOSE

MODEL	Hose Cap. 1" I.D.	Optional Hose Cap. 3/4" I.D.	PSI	DIMENSIONS							APRX. LBS	
				DW	L	W			H	X		Y
				DRUM WIDTH	DISC SIZE	CRANK	ELEC.	AIR/ HYD.				
1660-0820	50'	60'	4,000	8"	20"	23 7/8"	21 5/8"	20 3/8"	21 3/4"	15"	20 1/4"	54
1660-1120	75'	100'	4,000	11.5"	20"	27 3/8"	25 1/8"	23 7/8"	21 3/4"	18 1/2"	20 1/4"	60
1660-0824	75'	125'	4,000	8"	24"	23 7/8"	21 5/8"	20 3/8"	25 1/4"	15"	23 1/4"	67
1660-1520	100'	130'	4,000	15.5"	20"	31 3/8"	29 1/8"	27 7/8"	21 3/4"	22 1/2"	20 1/4"	68
1660-0924	100'	150'	4,000	9.5"	24"	35 3/8"	23 1/8"	21 7/8"	25 1/4"	16 1/2"	23 1/4"	72
1660-2020	140'	175'	4,000	20"	20"	35 7/8"	33 3/8"	32 3/8"	21 3/4"	27"	20 1/4"	82
1660-1124	130'	190'	4,000	11.5"	24"	27 3/8"	25 1/8"	23 7/8"	25 1/4"	18 1/2"	23 1/4"	73
1660-0828	125'	175'	4,000	8"	28"	23 7/8"	21 5/8"	20 3/8"	29 1/4"	15"	26 1/4"	82
1660-2220	165'	185'	4,000	20"	20"	37 7/8"	35 5/8"	34 3/8"	21 3/4"	29"	20 1/4"	89
1660-1524	165'	250'	4,000	15.5"	24"	31 3/8"	29 1/8"	27 7/8"	25 1/4"	22 1/2"	23 1/4"	81
1660-0928	165'	225'	4,000	9.5"	28"	25 3/8"	23 1/8"	21 7/8"	29 1/4"	16 1/2"	26 1/4"	85
1660-2820	200'	240'	4,000	28"	20"	43 7/8"	41 5/8"	40 3/8"	21 3/4"	35"	20 1/4"	94
1660-2024	200'	325'	4,000	20"	24"	35 7/8"	33 5/8"	32 3/8"	25 1/4"	27"	23 1/4"	91
1660-1128	200'	275'	4,000	11.5"	28"	27 3/8"	25 1/8"	23 7/8"	29 1/4"	18 1/2"	26 1/4"	88
1660-2224	225'	365'	4,000	22"	24"	37 7/8"	35 5/8"	34 3/8"	25 1/4"	29"	23 1/4"	98
1660-1328	225'	325'	4,000	13.5"	28"	29 3/8"	27 1/8"	25 7/8"	29 1/4"	20 1/2"	26 1/4"	108
1660-3320	250'	275'	4,000	33"	20"	48 7/8"	46 5/8"	45 3/8"	21 3/4"	40"	20 1/4"	104
1660-2424	250'	400'	4,000	24"	24"	39 7/8"	37 5/8"	36 3/8"	25 1/4"	31"	23 1/4"	102
1660-1528	250'	375'	4,000	15.5"	28"	31 3/8"	29 1/8"	27 7/8"	29 1/4"	22 1/2"	26 1/4"	96
1660-2824	300'	475'	4,000	28"	24"	43 7/8"	41 5/8"	40 3/8"	25 1/4"	35"	23 1/4"	107
1660-3324	350'	550'	4,000	33"	24"	48 7/8"	46 5/8"	45 3/8"	25 1/4"	40"	23 1/4"	117
1660-2028	350'	500'	4,000	20"	28"	35 7/8"	33 5/8"	32 3/8"	29 1/4"	27"	26 1/4"	106
1660-2228	400'	550'	4,000	22"	28"	37 7/8"	35 5/8"	34 3/8"	29 1/4"	29"	26 1/4"	112
1660-2428	450'	600'	4,000	24"	28"	39 7/8"	37 5/8"	36 3/8"	29 1/4"	31"	26 1/4"	114

### 1660 MODEL :: REEL SPECIFICATIONS

#### SWIVEL

- External fluid path with nickel plated steel 90° full-flow NPT swivel inlet
- Swivel Seals: NITRILE
- Available with stainless steel 304 or 316 fluid path

#### DESIGN & STRUCTURE

- All welded hybrid frame with added bolts
- Exclusive low profile outlet riser & open drum slot design for flat smooth hose wrap
- Permanently lubricated self-aligning pillow block bearings for trouble-free & smooth rotation
- Adjustable tension brake to prevent "free-wheeling" during operation
- (On hand crank models) Long-handled locking pin to secure reel from rotation during transport or storage

#### RETRACTION

- Reliable chain & sprocket drive on motor driven models
- Solid steel direct hand crank with smooth round handle
- All metal bevel crank and gear construction
- See Motor Options Chart

#### SIGNATURE FEATURES

- Professional grade heavy duty steel construction
- Durable proprietary CPC™ powder coat process
- Rolled edges & ribbed discs provide strength & safety
- Leading 2-year manufacturer's limited warranty
- Made in the U.S.A. - Sold & Supported Worldwide

#### POSSIBLE FIELDS OF APPLICATION

- High-flow Watering
- Fire Apparatus
- Chemical Fluid Transfer
- Mining Operations
- Construction Vehicles
- Water Trucks
- Bulk Liquid Handling
- OEM Systems

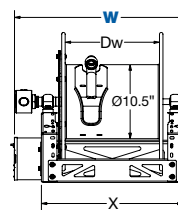
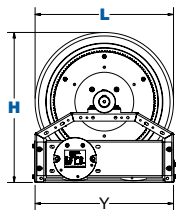
#### ACCESSORIZE YOUR REEL :: pg 52

- O-Rings & Swivels
- Roller Brackets & Crank
- Centrifugal Clutches
- 3 Way Brakes
- Speed Reducing Idler Sprockets
- 3 Way Pin Lock Rewind Actuators
- Crank Handle Holders
- Multi-angle Payouts
- Chain Guards

#### MOTOR OPTIONS

When ordering, suffix the model number with selection below. NOTE: Add 5 lbs to ship weight if reel is crated

SUFFIX	TYPE	DESCRIPTION	ADD ON APRX. LBS
A	AIR - 4 VANE	ALUMINIUM BODY AIR MOTOR	8
AB	AIR - 6 VANE	CAST IRON AIR MOTOR	8
C	FRONT HAND CRANK	BEVEL GEARED CRANK	3
E	12 V DC, 1/3 HP	REVERSABLE	13
ED	12 V DC, 1/2 HP EXP.	EXPLOSION PROOF, REVERSABLE	26
EF	24 V DC, 1/3 HP	REVERSABLE	13
EB	24 V DC, 1/2 HP EXP.	EXPLOSION PROOF, REVERSABLE	26
EA	115 V AC, 1/2 HP EXP.	REVERSABLE AC RECTIFIED	26
EJ	230 V AC, 1/2 HP EXP.	REVERSABLE AC RECTIFIED	26
H	HYDRAULIC	END PORTED 9/16-18 UNF	6



MOTORIZED  
HAND CRANK

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## 1680 MODELS

- ALL REELS SUPPLIED LESS HOSE

MODEL	Hose Cap. 1 1/2" I.D.	Optional Hose Cap. 1 1/4" I.D.	PSI	DIMENSIONS									APRX. LBS
				DW	L	W			H	X	Y		
				DRUM WIDTH	DISC SIZE	CRANK	ELEC.	AIR/ HYD.					
1680-1120	35'	40'	1,500	11.5"	20"	24 7/8"	25 1/8"	23 7/8"	21 3/4"	18 1/2"	20 1/4"	60	
1680-0824	35'	50'	1,500	8"	24"	21 3/8"	21 5/8"	20 3/8"	25 1/4"	15"	23 1/4"	67	
1680-1520	50'	55'	1,500	15.5"	20"	28 7/8"	29 1/8"	27 7/8"	21 3/4"	22 1/2"	20 1/4"	68	
1680-1124	60'	75'	1,500	11.5"	24"	21 3/8"	21 5/8"	20 3/8"	29 1/4"	15"	26 1/4"	73	
1680-0828	50'	80'	1,500	8"	28"	24 7/8"	25 1/8"	23 7/10"	25 1/4"	18 1/2"	23 1/4"	82	
1680-2220	70'	85'	1,500	20"	20"	35 3/8"	35 5/8"	34 3/8"	21 3/4"	29"	20 1/4"	82	
1680-1324				13.5"	24"	26 7/8"	27 1/8"	25 7/10"	25 1/4"	20 1/2"	23 1/4"	77	
1680-0928	70'	100'	1,500	9.5"	28"	22 7/8"	23 1/8"	21 7/10"	29 1/4"	16 1/2"	26 1/4"	84	
1680-1524	75'	100'	1,500	15.5"	24"	28 7/8"	29 1/8"	27 7/10"	25 1/4"	22 1/2"	23 1/4"	81	
1680-1128	90'	125'	1,500	11.5"	28"	24 7/8"	25 1/8"	23 7/10"	29 1/4"	18 1/2"	26 1/4"	88	
1680-2024	100'	130'	1,500	20"	24"	33 3/8"	33 5/8"	32 3/8"	25 1/4"	27"	23 1/4"	91	
1680-1328	100'	150'	1,500	13.5"	28"	26 7/8"	27 1/8"	25 7/10"	29 1/4"	20 1/2"	26 1/4"	92	
1680-2224	125'	145'	1,500	22"	24"	35 3/8"	35 5/8"	34 3/8"	25 1/4"	29"	23 1/4"	95	
1680-1528	125'	175'	1,500	15.5"	28"	28 7/8"	29 1/8"	27 7/10"	29 1/4"	22 1/2"	26 1/4"	96	
1680-2028	150'	225'	1,500	20"	28"	33 3/8"	33 5/8"	32 3/8"	29 1/4"	35"	23 1/4"	106	
1680-2824	165'	175'	1,500	28"	24"	41 3/8"	41 5/8"	40 3/8"	25 1/4"	27"	26 1/4"	107	
1680-3324	195'	200'	1,500	33"	24"	46 3/8"	46 5/8"	45 3/8"	25 1/4"	40"	23 1/4"	117	
1680-2428	200'	275'	1,500	24"	28"	37 3/8"	37 5/8"	36 3/8"	29 1/4"	31"	26 1/4"	114	
1680-3328	275'	350'	1,500	33"	28"	46 3/8"	46 5/8"	45 3/8"	29 1/4"	40"	26 1/4"	132	



1600 Series with optional universal bracket kit, 4-way roller bracket, crank handler holster & bevel gear crank

### 1680 MODEL :: REEL SPECIFICATIONS

#### SWIVEL

- External fluid path with in-line nickel plated steel full-flow NPT swivel inlet
- Swivel Seals: NITRILE
- Available with stainless steel 304 or 316 fluid path

#### DESIGN & STRUCTURE

- All welded hybrid frame with added bolts
- Exclusive low profile outlet riser & open drum slot design for flat smooth hose wrap
- Permanently lubricated self-aligning pillow block bearing for trouble-free & smooth rotation & robust lubricated horizontal surface mount bearing for easy rotation
- Adjustable tension brake to prevent "free-wheeling" during operation
- Long-handled locking pin to secure reel from rotation during transport or storage

#### RETRACTION

- Reliable chain & sprocket drive on motor driven models
- Solid steel direct hand crank with smooth round handle
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#### SIGNATURE FEATURES

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- Fire Apparatus
- Chemical Fluid Transfer
- Mining Operations
- Construction Vehicles
- Water Trucks
- Bulk Liquid Handling
- OEM Systems

#### ACCESSORIZE YOUR REEL :: PG 52

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