

# Complete Welding Series | Series TW / STW / BA

## Most Compact

Ideal for locations where space is limited



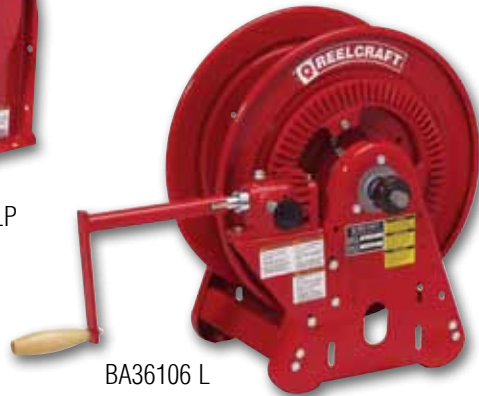
TW5425 OLP

## Most Popular

Spring driven for hose lengths up to 60'



TW7450 OLP



BA36106 L

## Bevel Crank

Longest hose lengths up to 250'



Model with Hose	Shipping Weight		Pressure	Hose I.D.		Hose O.D.		Hose Outlet	Reel Inlet	Hose Length		Model without hose & bumper	Shipping Weight		Size Index #
	lbs / kg	psi / bar		in / mm	in / mm	in	in			ft / m	lbs / kg				
<b>Oxygen / Acetylene Hose Reels</b>															
TW5425 OLP	26	12	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	25	8		TW5400 OLP	21	10	1
STW3450 OLP	29	13	300	21	1/4 6	.530 13	9/16 - 18(F)	9/16 - 18(M)	50	15		-----	-----		See pg. 21
TW7450 OLP	50	23	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	50	15		TW7400 OLP	42	19	2
TW7460 OLP	55	25	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	60	18		TW7400 OLP	42	19	2
Series 30000 Hand Crank			200	14	1/4 6	.530 13	9/16 - 18(M)	9/16 - 18(M)	125	38		BA36106 L	50	23	4
Series 30000 Hand Crank			200	14	1/4 6	.530 13	9/16 - 18(M)	9/16 - 18(M)	250	76		BA36112 L	57	26	5
<b>Welding Gas (T-Grade) Hose Reels</b>															
TW5425 OLPT	26	12	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	25	8		TW5400 OLPT	22	10	1
TW7450 OLPT	50	23	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	50	15		TW7400 OLPT	43	20	2
TW7460 OLPT	55	25	200	14	1/4 6	.530 13	9/16 - 18(F)	1/4 NPT(F)	60	18		TW7400 OLPT	43	20	2
TW84100 OLPT	101	46	200	14	1/4 6	.530 13	9/16 - 18(F)	9/16 - 18(F)	100	30		TW84000 OLPT	81	37	3
TW86075 OLPT	99	45	200	14	3/8 10	.625 16	9/16 - 18(F)	9/16 - 18(F)	75	23		TW86000 OLPT	86	39	3

Acetylene and fuel gas (red) inlet 1/4" FPT / oxygen (green) inlet 1/4" FPT. 9/16-18 models above are B size. Acetylene/fuel gas side has a LH thread and the oxygen side has a RH thread. Models supplied less hose have male outlets. Max temperature 150° F (65° C).

## Inlet Hose Assemblies

Part Number	Hose I.D.		Length	End Fittings		Pressure	Weight	
	in / mm	ft / m		in / mm	psi / bar		lbs / kg	
<b>Twin Welding Oxygen/acetylene (RM grade)</b>								
S600100-2	1/4 dual	6	2	.61	9/16-18 LH/RH(F)	200	14	.70 .32
S600100-4	1/4 dual	6	4	1.22	9/16-18 LH/RH(F)	200	14	1.12 .51
S600100-6	1/4 dual	6	6	1.83	9/16-18 LH/RH(F)	200	14	1.90 .86
<b>Twin Welding Other gases (T-grade)</b>								
S601031-2	1/4 dual	6	2	.61	9/16-18 LH/RH(F)	200	14	.70 .32
S601031-4	1/4 dual	6	4	1.22	9/16-18 LH/RH(F)	200	14	1.12 .51
S601031-6	1/4 dual	6	6	1.83	9/16-18 LH/RH(F)	200	14	1.90 .86

### Hose Inlet Connecting Fittings - Optional

Model No.	Inlet Connection Fittings	
90°	S300090	ACETYLENE B size 9/16 - 18 LH (M) x 1/4" NPT (M)
	S300091	OXYGEN B size 9/16 - 18 RH (M) x 1/4" NPT (M)
Straight	261371	OXYGEN B size 9/16 - 18 RH (M) x 3/8" NPT (M)
	261372	ACETYLENE/fuel gas - B size 9/16 - 18 LH (M) x 3/8" NPT (M)

Hose supplied on oxygen/acetylene reels is twin-Siemese type meeting R.M.A. and C.G.A. type V.D., grade RM specifications.

## Hose Assemblies

Part Number	I.D. & O.D.		Length	Pressure	NPTF(M) End Fittings		Weight
	in / mm	ft / m			psi / bar	in	
<b>TWIN WELDING Oxygen-acetylene (RM grade) - LH/RH(F)</b>							
601032-25	1/4 6	25	8	200	14	9/16-18	6.5 3.0
601032-50	1/4 6	50	15	200	14	9/16-18	12.1 5.5
601032-60	1/4 6	60	18	200	14	9/16-18	13.3 6.0
601032-100	1/4 6	100	30	200	14	9/16-18	24.2 11.0
<b>TWIN WELDING Other gases (T-grade) - LH/RH(F)</b>							
601031-25	1/4 6	25	8	200	14	9/16-18	6.5 3.0
601031-50	1/4 6	50	15	200	14	9/16-18	12.1 5.5
601031-60	1/4 6	60	18	200	14	9/16-18	14.4 6.50
601031-100	1/4 6	100	30	200	14	9/16-18	24.2 11.0

**Caution:** Be sure working pressure required does not exceed above ratings. Misapplication can result in serious operator injury. **Note:** Advise product to be handled, maximum temperature and pressure fitting size or sizes when ordering.

**NOTE:** Reels without hose, Series TW5400 OLP(T), TW7400 OLP(T), TW84000 OLPT and TW86000 OLPT are U/L listed #70H2.

## Features

- ✓ Designed to improve safety in the work area with an increase in productivity and efficiency
- ✓ Full flow shaft swivels
- ✓ Independent dual swivel body manufactured from aluminum and hard-coated for wear resistance assures positive separation of gases due to its unique design
- ✓ Double-sealed, O-rings prevent leakage
- ✓ Swivel body and inlet are both permanently identified with machined grooves on the acetylene side to assure proper installation
- ✓ Durable abrasion and corrosion resistant baked-on red powder-coated finish
- ✓ Reel frame, spool and drum are fabricated of heavy gauge steel
- ✓ Temperature operating range - 20° F / -29° C to +250° F / +120° C

**Economical**  
Lighter weight for hose lengths up to 50'

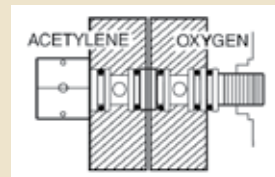
STW3450 OLP  
\*See page 21 for additional details.  
Made in Australia



**High Volume**  
Dual welding, spring driven for high volume of gas

TW84100 OLPT  
Available in T grade only

**Made in USA**



**Dual swivel is an exclusive Reelcraft design**

Independent dual swivel body

manufactured from aluminum and hard coated for wear resistance. Assures positive separation of gases due to its unique design.

Double - sealed, special molded O-rings prevent leakage. Swivel body and inlet are both permanently identified with machined grooves on the acetylene side to assure proper installation. Available with TW5000 and TW7000 series reels.

## "T" Grade Fuel Gas Reels

"T" grade hose reels are used for a wide variety of gases such as mapp gas, propane gas, natural gas and fuel gases. When ordering any welding hose reels you must specify the type of gas being used. To order "T" Grade reels, add a suffix "T" to the TW Models. Example - TW 5425 OLPT.

		Series 5000 / 7000 / 80000					
No.		1		2		3	
		in / mm	in / mm	in / mm	in / mm	in / mm	in / mm
A	14 1/2	368	20 1/4	514	25 3/8	645	
B	13 3/4	349	19	483	24	610	
C	9 3/4	248	7 7/8	200	10	254	
D	2 1/2	64	3 7/8	98	6	152	
E	6	152	7	178	13	330	

Series 5000 reels have four 5/16" (8mm) diameter mounting holes. Series 7000 and 80000 reels have four 1/2" (12.7mm) mounting holes.

		Series 30000			
No.		4		5	
		in / mm	in / mm	in / mm	in / mm
A	15 5/8	397	21 5/8	550	
B	6	152	12	305	
C	9 3/4	248	15 3/4	400	
D	11	280	17	432	

Four 1/2" (12.7mm) mounting holes. Overall length with crank handle removed is 17 3/4" (451mm).

**Available Options**

**Mounting Brackets**  
See page 47



**Inlet Hose Assemblies**  
See page 42



**Replacement Bumpers**  
See page 49



**Replacement Hoses**  
See page 42



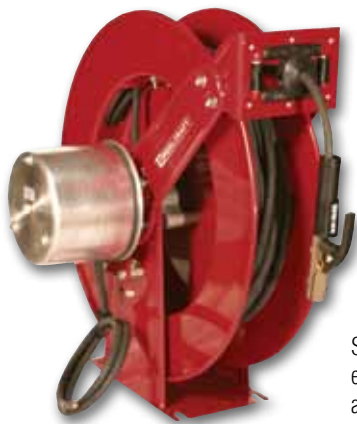
## Hand Crank / Spring Retractable Cable Welding Reels Series CEA / WC



CEA30006

- Designed to improve safety in the work area with an increase in efficiency and productivity
- Cable reels have a current path through a continuous 400 AMP, 90V DC (maximum) rated enclosed slip ring

- Welding cable reels store work lead or electrode lead, up to #2/0, safely and effectively when not in use. Each lead requires a separate reel. When welding also refer to ANSI/Asc Z 49.1
- Stores cable when not in use, eliminating tangled, kinked welding cables
- Maintains proper bend radius of cables, providing longer cable life
- Keeps work area and vehicles better organized, resulting in better space utilization



WC80001

Shown with electrode, clamp and cable (not included)



WC7000

### Features - Hand Crank Reels

- ✓ All-bolted heavy gauge steel construction provides long life and ease of use and maintenance.
- ✓ Manual drum lock prevents spool from turning when not in use preventing unwanted pay out of cable.

Dimensions - Size Index				
No.	1		2	
	in / mm		in / mm	
<b>A</b>	20 1/4	514	25 3/8	645
<b>B</b>	19	483	24	610
<b>C</b>	7 7/8	200	10	254
<b>D</b>	3 7/8	98	6	152
<b>E</b>	13 1/4	337	16	406

Four 1/2" (12.7mm) diameter mounting holes.

Dimensions - Size Index				
No.	3		4	
	in / mm		in / mm	
<b>A</b>	6	152	12	305
<b>B</b>	9 3/4	248	15 3/4	400
<b>C</b>	11	279	17	432
<b>D</b>	15	381	21	533
<b>E</b>	21	533	27	686

Four 1/2" (12.7mm) diameter mounting holes.

### Available Options

**Mounting Brackets**  
See page 47



**Replacement Bumpers**  
See page 49



### Caution:

If cable reels are to be used for extended periods of time, unwind all cable from reel to prevent heat build-up. For indoor non weather-tight applications only.



Model without cable & bumper	Cable Size				Shipping Weight	Size Index #
	#2 (31mm <sup>2</sup> )	#1 (39mm <sup>2</sup> )	#1/0 (50mm <sup>2</sup> )	#2/0 (62mm <sup>2</sup> )		
	ft / m	ft / m	ft / m	ft / m	lbs / kg	
CEA30006	300 91	250 76	200 61	150 46	46 21	3
CEA30012	500* 152	500* 152	400 122	300 91	54 24	4
WC7000	-----	50 15	50 15	50 15	58 26	1
WC80001	-----	75 23	75 23	75 23	102 46	2
WC80002	-----	100 30	-----	-----	104 47	2

\*May exceed maximum cable length allowable for most welding applications. **NOTE:** Each cable requires separate reel.