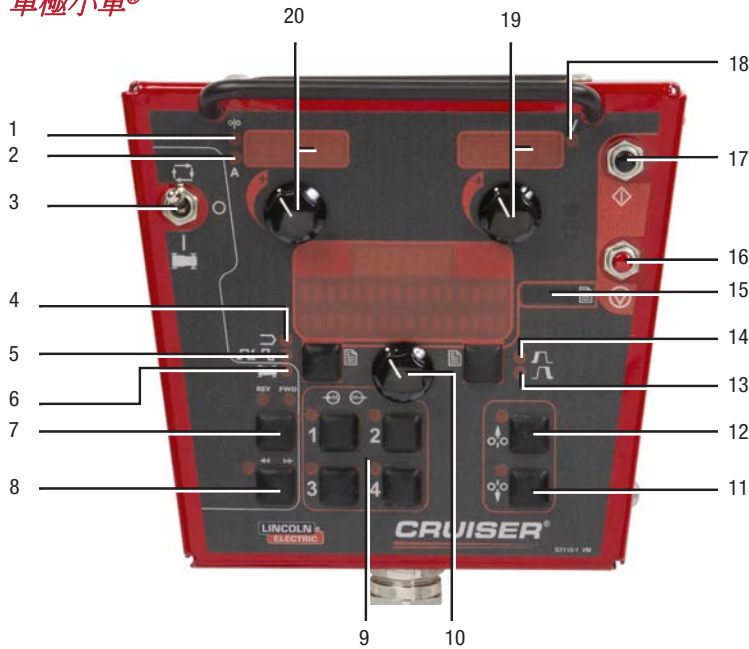
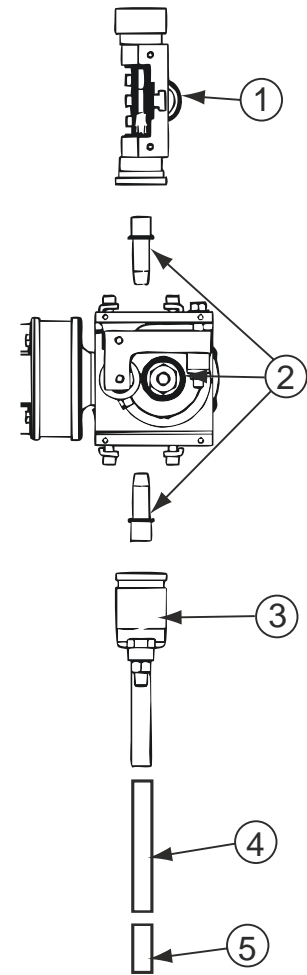




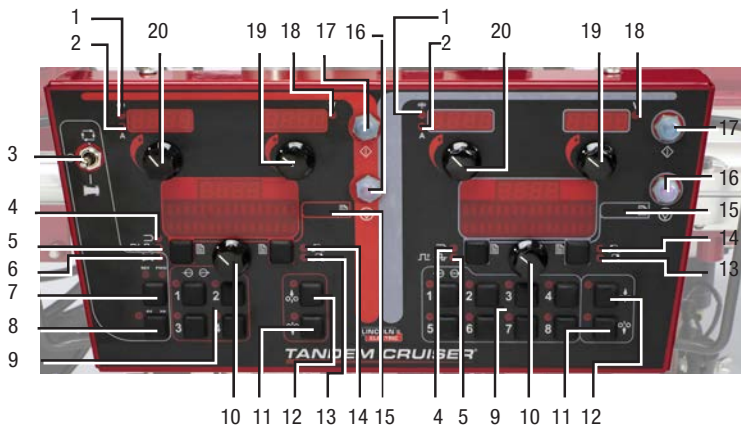
單極小車®



- |                                |                  |
|--------------------------------|------------------|
| 1. 送線速度 LED                    | 11. 送線           |
| 2. 電流 LED                      | 12. 收線           |
| 3. 自動 / OFF / 手動<br>移行開關Switch | 13. 停焊(右鍵)       |
| 4. 焊接模式選擇<br>(左鍵)              | 14. 起焊(右鍵)       |
| 5. 頻率及平衡(左鍵)                   | 15. 設定           |
| 6. 移行Menu(左鍵)                  | 16. 停止鍵          |
| 7. 移行方向                        | 17. 起始鍵          |
| 8. 輕推                          | 18. 電壓 LED       |
| 9. 記憶組                         | 19. 電壓顯示與控制      |
| 10. 模式選擇顯示與控制                  | 20. 送線速度/電流顯示與控制 |



雙極小車®



項次	產品編號	描述
1	K1733-5	焊線矯正器
2	KP1899-1 KP1899-2 KP1899-3 KP1899-4	送線齒輪組 - 3/32-7/32 in. 送線齒輪組 - 1/16, 5/64, 3/32 in. 送線齒輪組 - .035, .045, .052 in. 送線齒輪組 - .045, .052 in. Cored
3	K231-1	焊嘴組 - 5/64-3/16 in. (2.0-4.8 mm) - 可達 600 A
4	KP2721-1 KP2721-2 T12929 T11807	延長護套 - 5 in. 延長護套 - 45° 彎管型 Flux Hose Clamp Nozzle Extension Insulator
5	KP1962-3B1 KP1962-1B1 KP1962-4B1 KP1962-2B1 KP1962-5B1 KP3162-3B1 KP3162-1B1 KP3162-4B1 KP3162-2B1 KP3162-5B1 K148A or K148B K285	Severe Duty Contact Tip - 3/32 in. (2.4 mm) Severe Duty Contact Tip - 1/8 in. (3.2 mm) Severe Duty Contact Tip - 5/32 in. (4.0 mm) Severe Duty Contact Tip - 3/16 in. (4.8 mm) Severe Duty Contact Tip - 7/32 in. (5.6 mm) Extended Life Contact Tips - 3/32 in. (2.4 mm) Extended Life Contact Tips - 1/8 in. (3.2 mm) Extended Life Contact Tips - 5/32 in. (4.0 mm) Extended Life Contact Tips - 3/16 in. (4.8 mm) Extended Life Contact Tips - 7/32 in. (5.6 mm) Positive Contact Nozzle Assembly - Rated up to 1000 amps Concentric Flux Cone Assembly to use with K148A or K148B



1



2



3



4



5



6

**1. Improved Rigidity and Stiffness**

- Base is fabricated from a single weldment.
- Designed to carry weight and maintain a steady track.

**2. Heavy Duty Cross Slides**

- Ceramic coated rails resist corrosion and wear.
- Minimal deflection results in accurate electrode placement in the joint.

**3. New Rugged Wheels**

- High temperature rubber wheels on cast aluminum core wheels – Rated to 500° F (260° C) continuous service.

**4. Modified Mast and Boom Clamping System**

- Grade 8 bolts resist stripping.
- Improved wrench clearance.

**5. Proven Industrial Wire Drive**

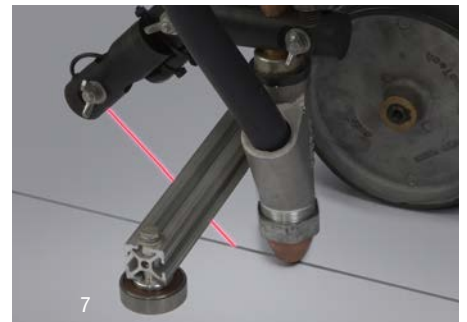
- Feeds up to 7/32 in. (5.6 mm) diameter wire.
- Change gear ratios to extend wire feed speed range.
- Rotate in two directions to set up virtually any torch angle.
- Rated for handling wire at up to 1000 amps at 100% duty cycle.

**6. Cable Rack**

- Extended rear rack provides positive strain relief for feeder cables.

**7. Laser Pointer and Improved Steering**

- Switch on and off to help locate joint during set up.
- Extended outriggers with additional adjustment and guide wheel provide smooth tracking in wider range of applications.



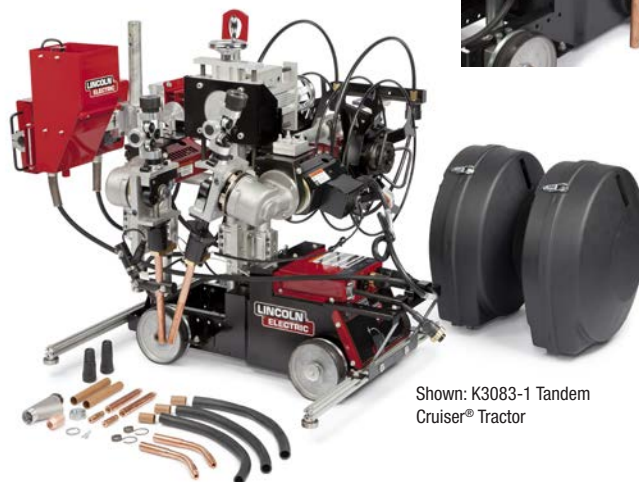
7

**8. Tandem Cruiser®**

- Carries two wire reels.
- Allows placement of two wires in one arc for greater deposition.



8




Shown: K3083-1 Tandem Cruiser® Tractor


## REQUIRED OPTIONS

### ArcLink® Control Cables

Available in two forms:

- K1543-xx series for most indoor or factory installations.
- K2683-xx series for outdoor use or when the equipment is frequently moved.

ARCLINK® CONTROL EXTENSION CABLES		
	Length	Order Number
		8 ft. (2.5 m) 16 ft. (4.8 m) 25 ft. (7.6 m) 50 ft. (15.2 m) 100 ft. (30.4 m)

ARCLINK® CONTROL EXTENSION CABLES		
	Length	Order Number
		25 ft. (7.6 m) 50 ft. (15.2 m) 100 ft. (30.5 m)

## RECOMMENDED ACCESSORIES

### GENERAL OPTIONS



#### Tube and Clamp Kit

One 30 in. (762 mm) aluminum splined tube; two 15 in. (381 mm) aluminum splined tubes; one 30 in. (762 mm) steel tube; 8 clamp assemblies with keys; 2 outrigger assemblies; hardware.  
**Order K3090-1**



#### Track Section

Each section provides 70 in. (1.8 m) of travel.  
**Order K396**



#### Butt Joint Guide Kit (Tandem only)

Used to track the joint and guide the Tandem Cruiser® for plate and decking applications.  
**Order K3154-1**



#### Cross Slide Assembly

Includes two slides with 4 in. (102 mm) of travel.  
**Order K3089-1**



#### 50-60 lb Coil Adapter

Adapts 50-60 lb. (22.6-27.2 kg) coil of Lincoln Electric electrode to 2 in. (51 mm) spindle.  
**Order K1504-1**



#### Nozzle Extension, 45°

Frequently used when making horizontal fillet welds.  
**Order KP2721-2**



#### Wire Straightener

Includes a three roll wire straightener with adjustable pressure. For up to 7/32 in. (5.6 mm) diameter wire.  
**Order K1733-5**



#### Tiny Twin Kit for Cruiser®

Includes a second spindle, drive rolls and 95:1 gears.  
**Order K3070-1**

## PRODUCT SPECIFICATIONS

Product Name	Product Number	Input Power	Rated Output Current/Duty Cycle	Travel Speed in/min (m/min)	Gearing	Wire Feed Speed Range ipm (m/min)	Wire Size Range in. (mm) Solid	Dimensions H x W x D in. (mm)	Net Weight lbs. (kg)
Cruiser® Tractor	K3048-1	40 VDC	1000A / 100%	10 - 100 (0.25 - 2.5)	142:1	15 - 200 (0.4 - 5.0)	3/32 - 7/32 (2.4 - 5.6)	29 x 23 x 36 (736 x 584 x 914)	207 (94)
					95:1 <sup>(1)</sup>	15 - 300 (0.4 - 7.6)	1/16 - 1/8 (1.6 - 3.2)		
Tandem Cruiser® Tractor	K3083-1				57:1 <sup>(1)</sup>	50 - 500 (1.3 - 12.7)	1/16 - 3/32 (1.6 - 2.4)	36.5 x 45.5 x 41.5 (927 x 1156 x 1054)	300 (136)

<sup>(1)</sup> Optional

## CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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