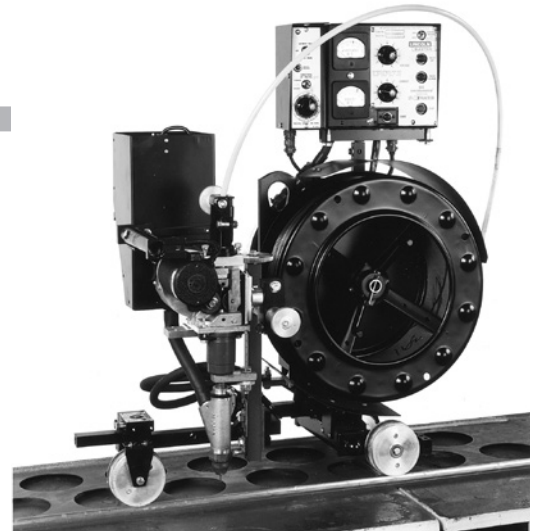


# LT-7 Tractor

## 潛弧焊直流送線機

LT-7 小車係一款自推進的機械化送線機，專為潛弧焊應用所設計，可搭配軌道使用。這台小車可自動導向且操作簡單 – 通常僅需一位操作人員：專為搭配各式林肯DC定電壓與定電流焊接電源使用而設計。強健且輕盈的小車可快速移動至下一個焊接接合處，其袖珍尺寸適合用於小開槽和受限的空間。可於厚板或2.5mm的薄鋼上進行底部對接與填角焊。LT-7小車適用於以下應用：造船、儲油槽、橋面版安裝、橫樑、縱樑和十字臂焊接以及重型焊件上的長縫。



Track Model Shown

### 焊接工藝

潛弧焊

### Lincoln優勢

- LT-7小車適用3/32 至 3/16" (2.4 至 4.8 mm) 線徑的實心焊線，送線速度為每分鐘100 - 400 (2.5 - 10.2 m/min)
- 小車的移行速度為每分鐘 6 至 70 inches (0.12 至 1.8 m/min)
- 火嘴調整範圍為 1/2 in. 至 5 in. (12.7 至 127.0 mm)
- 垂直焊接角度可達50°：垂直方向的阻力角最大可達30°
- 控制箱置於小車上(左右兩邊皆可安裝)，省去需要回主機設定或調整焊接參數的麻煩
- 優異的軌道控制，且在大部分的焊接應用裡可自動轉向，讓焊工可以專注在焊接品質、焊縫接合處的清潔度及焊藥輸送上
- 為方便起見，對接、水平填角焊與搭接由小車兩側進行
- 焊線與接合處間緊密的機械調準功能可提高焊接品質，且無需治具
- 零件保固3年

### 詳細描述

輸出  輸入  115 VAC

### 所需配件

控制線，電鉚線，火嘴

### 一般選配建議

送線機控制延長電纜，轉接器電纜，Linc-Fill™ 配件，水平填角及搭接焊接零件組，對接焊縫引導零件組，Track Conversion Kit，Tiny Twinarc® 焊接零件組，軌道，焊藥濾袋，磁吸式焊藥濾袋隔板，同心焊藥錐

### 適用焊接電源

CV-655, DC-600, DC-655, DC-1000, DC-1500

### 訂購編號

K227-1 LT-7 Standard Model  
K395-1 LT-7 Track Model

### 技術規格

產品名稱	產品編號	輸入電源	額定輸出 電流/占空比	送線速度範圍 ipm (m/min)	線徑範圍 實心 in. (mm)	外觀尺寸 高x寬x長 in. (mm)	淨重 lbs. (kg)
LT-7 標準型	K227-1	115 VAC 50/60 Hz	600A/100% 1100A/100% (搭配 水冷使用)	100 - 400 (2.5 - 10.2)	3/32 - 3/16" (2.4 - 4.8)	27.5 x 33 x 14 (698 x 838 x 356)	120 (54)
LT-7 軌道型	K395-1						130 (59)

## A CLOSER LOOK

### 焊接表現

- Solid-state control system precisely regulates procedures for reliable starting and economical welding.
- Automatic compensation for input voltage and tractor loading variations.
- Function lights built into the solid-state printed circuit boards aid troubleshooting to minimize down time.

- Cross seam adjuster speeds setup and lets operator track irregular joints while welding. Adjustment range is 3-1/8 in. (79 mm) with clamp and 2-1/2 in. (63 mm) with handwheel.
- To perform a curved weld, the minimum diameter can be as small as 10 ft. (3.0m) for an inside weld and 13 ft. (3.9m) for an outside weld.
- To perform an inside circumferential weld, the minimum inside diameter that can be welded is approximately 5 ft. (1.5m).

### 特點

- Quick, easy installation of optional guides for different joints.
- Reel holds 60 lb. (27.2 kg) solid wire coils.
- Flux hopper capacity of 15 lbs. (6.8 kg). Includes a manual flux flow rate control valve and can be mounted at four locations to the left or right.

- Continuous Vertical Adjustment: 1-1/2" (38 mm) handwheel variation for ESO (electrical stickout).
- Travel clutch operates from either side of the tractor.

## QUALITY AND RELIABILITY

- Three-year warranty on parts and labor.
- Manufactured under a quality system certified to ISO 9001 requirements.

- Rugged and durable design recognized throughout the industry for its long life and years of trouble-free wire feeding.

## REQUIRED OPTIONS

### CONTROL CABLES

Description	Order No.
Wire Feeder Control Cable	K1822-25 - 25 ft. (7.6m) * Included
Wire Feeder Control Cable Extensions	K1797-25 - 25 ft. (7.6m) K1797-50 - 50 ft. (15.2m)
Adapter Cable for Control Cable to Terminal Strip Power Sources	K1798

### WELD POWER CABLES

Order No.	Description
K1842-10	Lug to Lug, 3/0, 600A, 60% duty cycle, 10 ft. (3.0m)
K1842-35	Lug to Lug, 3/0, 600A, 60% duty cycle, 35 ft. (10.6m)
K1842-60	Lug to Lug, 3/0, 600A, 60% duty cycle, 60 ft. (18.2m)
K1842-110	Lug to Lug, 4/0, 600A, 60% duty cycle, 110 ft. (33.5m)

### CONTACT NOZZLE ASSEMBLIES

Description/Diameter Wire	Order No.
Submerged Arc: 3/32" (2.4 mm) 1/8" (3.2 mm) 5/32" (4.0 mm) 3/16" (4.8 mm)	K231-3/32 K231-1/8 K231-5/32 K231-3/16
Positive: 3/32 - 1/8" (2.4 - 3.2 mm) 3/32 - 3/16" (2.4 - 4.8 mm)	K148A K148B
Linc-Fill™ Attachments for Positive Contact Nozzle Assembly Extension for K148 3/32" (2.4 mm) 1/8" (3.2 mm) 5/32" (4.0 mm)	K149-3/32 K149-1/8 K149-5/32

**GENERAL OPTIONS**



**Horizontal Fillet and Lap Adapter Kit**

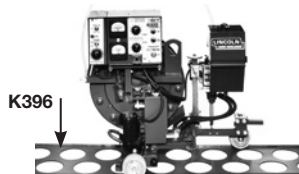
Includes a rear guide wheel, head tension spring and front guide wheel assembly on an adjustable arm which rides in the joint to maintain alignment and electrode angle. Kit includes separate front guide wheel assemblies for fillet and lap joints. Welds to the left or right of the tractor's center line.  
**Order K232**

**GENERAL OPTIONS**

**Tiny Twinarc Adapter Kit**

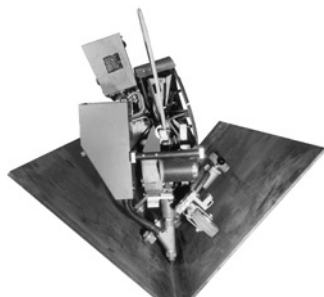
Converts the LT-7 standard model to Tiny Twinarc using 5/64" (2.0 mm) electrode. These kits may also be used for horizontal fillets with the addition of the K232 Adapter Kit.

**Order K277-1 for Butt Seams**  
**Order K277-2 for Flat Fillets**



**Track Section**

Each provides 70 in. (1.8m) of travel. To be used with the K395-1, LT-7 Track Model.  
**Order K396**



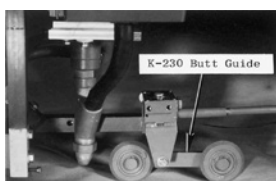
**Flat Fillet Adapter Kit**

Includes front and rear guide wheels for operating the tractor in 30° or 45° flat fillet joints.  
**Order K229**



**Flux Screen**

For submerged arc welding. Removes large particles from reused flux. Includes air-driven vibrator.  
**Order K310**



**Butt Seam Guide Kit**

Mount in place of the standard front wheel to ride in a V-groove or open 1/8 - 3/8" (3.2 - 9.5 mm) butt joint, keeping the wire in required alignment.  
**Order K230**



**Magnetic Flux Screen Separator**

For submerged arc welding. Removes foreign magnetic particles from reused flux.  
**Order K58**



**Track Conversion Kit**

Converts the LT-7 standard model for track guidance. Shown with K396 track section.  
**Order K400**



**Concentric Flux Cone Assembly**

For use with the K148B, Positive Contact Nozzle Assembly. Gives concentric flux coverage around the electrode.  
**Order K285**

**LT-7 TRACTOR ORDER FORM**

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
LT-7 STANDARD MODEL	K227-1		
LT-7 TRACK MODEL	K395-1		
<b>REQUIRED OPTIONS</b>			
Control Cable	See Page 2		
Weld Power Cable	See Page 2		
Contact Nozzle Assembly	See Page 2		
<b>RECOMMENDED GENERAL OPTIONS</b>			
Wire Feeder Control Cable Extensions	See Page 2		
Adapter Cable	See Page 2		
Linc-Fill™ Attachments	See Page 2		
Horizontal Fillet and Lap Adapter Kit	K232		
Flat Fillet Adapter Kit	K229		
Butt Seam Guide Kit	K230		
Track Conversion Kit	K400		
Tiny Twinarc Adapter Kit, for Butt Seams	K277-1		
Tiny Twinarc Adapter Kit, for Flat Fillets	K277-2		
Track Section	K396		
Flux Screen	K310		
Magnetic Flux Screen Separator	K58		
Concentric Flux Cone Assembly	K285		
<b>RECOMMENDED POWER SOURCES</b>			
CV-655	see publication E4.40		
DC-600	see publication E5.40		
DC-655	see publication E5.46		
DC-1000	see publication E5.50		
DC-1500	see publication E5.60		
	<b>TOTAL:</b>		

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