

NEW!

Spreadarc™ Oscillator

Automatic Welding Head Oscillator

The Spreadarc™ is designed to oscillate an automatic welding head for continuous welding at high duty cycles. The Spreadarc™ is compatible with the NA-3, NA-4, NA-5 and Power Feed™ 10A Lincoln® automatic welding heads and ideal for hardfacing applications.

The operator can set the oscillation travel speeds and dwell times at either end of the stroke to provide smoother bead edges through a digital control panel on the front of the machine. Additionally, the jog mode allows the operator to position the welding nozzle in the correct starting location for a particular weld seam.

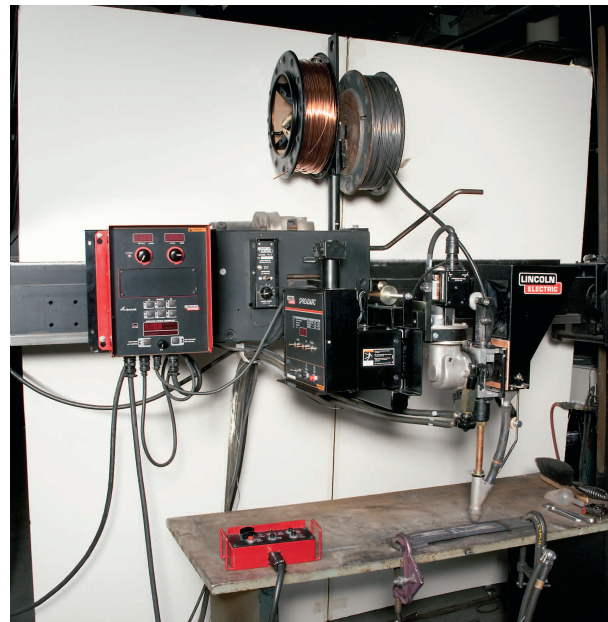


Processes

MIG, Flux-Cored, Submerged Arc, Hardfacing

Advantage Lincoln

- Arc length remains constant during oscillation to provide a more uniform penetration.
- Dwell timers provide delay periods at the end-points of the stroke for smoother bead edges.
- The oscillation travel speed of the arc is uniform across the bead.
- Bright, digital displays and LEDs.
- Rugged 24VDC right angle gear motor.
- Heavy duty push buttons for everyday industrial use.
- Jog feature for positioning nozzle before welding procedure begins.
- Three-year warranty on parts and labor.



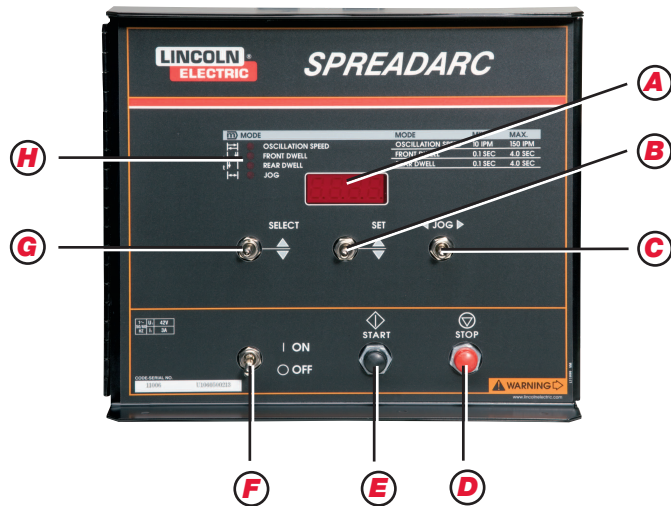
TECHNICAL SPECIFICATIONS

Product Name	Product Number	Input Power	Oscillating Distance in. (mm)	Maximum Load lbs. (kg)	Dimensions H x W x D in (mm)	Oscillation Speed IPM (m/s)	Dwell Time	Net Weight lbs (kg)
Spreadarc™ Oscillator	K278-1	42VAC/1/50/60, 3A or 115VAC/1/50/60 1A	0.25-4 (0-100)	65 (29.5)	13.7 x 17.8 x 12.6 (348 x 450 x 320)	10 - 150 (0.25-3.8)	0.0 - 4.0 seconds	65 (29.5)

A CLOSER LOOK

Key Controls

- A) Digital Display
- B) Adjust Switch
- C) Jog Switch
- D) Stop Button
- E) Start Button
- F) On/Off Switch
- G) Select Switch
- H) LED Mode Indicators



CONTROL CABLE EXTENSION

Cable Type	Description
Wire Feeder Control Cable Extension	
K1797-10 - 10 ft. (3.0 m) (1)	14 PIN MS-Type connector
K1797-25 - 25 ft. (7.6 m)	
K1797-50 - 50 ft. (15.2 m)	
K1797-100 - 100 ft. (30.4 m)	

(1) Included with unit.

Unit Includes

- Spreadarc Controller
- 115 VAC to 42 VAC Transformer Kit
- 10 ft. (3 m) control cable (14 PIN) (connects to power source).

SPREADARC™ OSCILLATOR ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
SPREADARC™ OSCILLATOR	K278-1		
RECOMMENDED AUTOMATIC WELDING HEADS			
NA-3, -4	See publication E9.10		
NA-5	See publication E9.30		
Power Feed™ 10A	See publication E9.165		
RECOMMENDED OPTIONS			
Control Cable Extension (14 Pin to 14 Pin MS-Type Connection)			
10 ft. (3.0 m)	K1797-10		
25 ft. (7.6 m)	K1797-25		
50 ft. (15.2 m)	K1797-50		
100 ft. (30.4 m)	K1797-100		
	TOTAL:		

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 advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric is not in a position to warrant or guarantee such advice, and assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric affect the results obtained in applying these types of fabrication methods and service requirements.

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