

HANDY CORE™

The Handy Core wire feeder welder from Lincoln Electric is a tremendous asset when home repair or hobby projects are in your game plan. It's a great pick for welding 18 gauge to 1/8" mild steel and comes with everything you need to get started fast. This package sports a gun and cable assembly, work lead, work clamp and input power cable – all attached at the factory to save you time. A spool of self-shielded, flux-cored wire electrode, welding handshield, and chipping hammer/brush round out the line up. So, don't delay – add the Handy Core to your tool shed or garage today!



Processes

Flux-Cored

Advantage Lincoln

- 35-88 amps output.
- Welds up to 1/8 in. mild steel.
- Plugs into household 115V, 20 amp outlet.
- Cold contactor safety feature keeps welding wire electrically “cold” until gun trigger is pressed.
- Compact, portable, lightweight and easy to use.
- Great for home repair and hobby projects on light gauge mild steel found around most households.
- With four output ranges, the Handy Core is versatile and the proper welding procedures are easy to set, even for the novice user.
- Fan-cooled for long life expectancy.
- One year warranty on parts and labor. (90 days warranty on gun and cable).

Description



Base Unit Includes

- Welding gun and cable assembly.
- Work cable with work clamp.
- 1 lb. spool of .035" (0.9mm) Innershield® NR®-211-MP flux-cored wire.
- .035" contact tips – quantity 2.
- Welding handshield with #10 filter plate and clear glass cover plate.
- Chipping hammer/brush.

Recommended Options

Utility Cart

Order

K2278-1 Handy Core™ 115/1/60

Technical Specifications

Product Name	Product Number	Input Power	Rated Output Current/Voltage/Duty Cycle	Input Current @ Rated Output	Output Range	Dimensions H x W x D in.(mm)	Net Weight lbs.(kg)
Handy Core	K2278-1	115/1/60	70A / 17V / 20%	20A	35-88A WFS while welding: 0-300 ipm Max. OCV: 29V	12.8 x 8.8 x 18 (325 x 224 x 457)	46 (20.9)

Handy Core Welding Capabilities

Metal To Weld	Process	Weld Appearance	Wire Electrode	Wire Dia.	Metal Thickness										
					24ga. .024"	22ga. .030"	20ga. .036"	18ga. .048"	14ga. .075"	12ga. .105"	1/8" .125"	10ga. .135"	3/16" .188"	1/4" .25"	5/16" .313"
Mild Steel	Self-Shielded Flux-Cored ⁽¹⁾	Good. Slag must be removed.	Innershield NR-211-MP	.035	SINGLE PASS										

⁽¹⁾ The use of the MIG or flux-cored process on thicker materials than recommended can result in welds of poor quality. The welds may appear to be fine, but may lack the fusion or bonding necessary to give a strong weld. This is called "cold casting" or "cold lapping" and is somewhat similar to a cold solder joint. Weld failure may result.

Recommended Options



Utility Cart

Full-featured cart is designed to store and transport a welder, 80 cubic foot gas cylinder, welding cables and accessories. Includes an angled top shelf for easy access to welder controls, a lower tray for added storage space, a sturdy handle and a convenient cable wrap hanger.

Order K2275-1.

Handy Core™ Order Form

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
Handy Core 115/1/60	K2278-1		
Recommended Options			
Utility Cart	K2275-1		
	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 this type of fabrication methods and service requirements.

Subject to Change – This information is accurate to the best of our knowledge at the time of printing. Please refer to www.lincolnelectric.com for any updated information.