

WELD-PAK™ 3200 HD

Got some serious welding chores? Then you're going to want a serious welder. Lincoln Electric's Weld-Pak 3200 HD handles a huge spectrum of flux-cored or MIG welding jobs — from auto-body repairs to farm fixes to around-the-home chores. You just can't buy a 120 volt welder with a more versatile range! The Weld-Pak 3200 HD comes ready to weld mild steel with self-shielded flux-cored wire right out of the box. Also included is virtually everything you need to MIG weld mild steel. Just add a cylinder of shielding gas. Rounding out the package is a welding handsheld, instructional video and undercarriage. The convenient mild steel procedure chart inside the wire access door guides you to all the appropriate welder settings for the job at hand.



Processes

MIG Flux-Cored

Advantage Lincoln

- 25-135 amps output.
- Welds up to 5/16 in. steel using flux-cored wire.
- Comes complete with everything needed to weld mild steel with self-shielded flux-cored wire.
- Just add a cylinder of shielding gas to MIG weld mild steel with gas-shielded solid wire. The Weld-Pak 3200 HD package includes solid mild steel MIG wire, gas-shielded nozzle, adjustable gas regulator, gas hose and built-in gas solenoid valve.
- Plugs into 120V, 20 amp outlet.
- Gun trigger safety feature keeps welding wire electrically "cold" until trigger is pressed.
- Compact, portable, lightweight and easy to use.
- For welding .023-.035" mild steel and stainless steel solid MIG (gas-shielded) wire (stainless steel wire sold separately). Also for .035" mild steel flux-cored (gas less) wire. Install K664-2 Aluminum Welding Kit to expand the Weld-Pak 3200 HD's welding capabilities to include .035" aluminum solid MIG wire.
- Welding procedure chart for mild steel is conveniently located inside the wire feed section door making voltage and wire speed selection a snap!
- Fan-cooled for long life expectancy.
- Three year warranty on parts and labor. (90 days warranty on gun and cable).



Description



Unit Includes

- Magnum® 100L welding gun and 10 ft. (3.0m) cable assembly with .025" contact tip installed.
- 10 ft. (3.0m) work cable and work clamp.
- Factory installed gas solenoid valve for MIG welding.
- Adjustable gas regulator and hose kit for Argon and Argon-mixed gases. Gas regulator requires an adapter (sold separately) for use with CO₂ cylinders.
- 2 lb. spool .025" (0.6mm) SuperArc L-56 mild steel MIG wire.
- 1 lb. spool .035" (0.9mm) Innershield® NR®-211-MP wire.
- Spare .025" contact tips – Quantity 3.
- .035" contact tips – Quantity 3.
- Welding handsheld with #10 filter plate and clear glass cover plate.
- Instructional video.
- Adjustable wire spool spindle accepts 4 in. or 8 in. diameter spools.
- Undercarriage accommodates Weld-Pak 3200 HD and single gas cylinder (gas cylinder and shielding gas sold separately).

Recommended Options

.035 Aluminum Welding Kit

Order

K2190-1 WELD-PAK 3200 HD 120/1/60

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)
WELD-PAK 3200 HD	K2190-1	120/1/60	90A/19V/20%	20A	25-135A 50-300 ipm WFS (1.3-7.6 m/min.) Max. OCV: 29V	12 x 9.75 x 16.5 (305 x 248 x 419)	47 (21.4)



Weld-Pak 3200 HD 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"	3/8" .375"
Mild Steel	Self-Shielded Flux-Cored ⁽¹⁾	Good. Slag must be removed.	Innershield NR-211-MP	.035	SINGLE PASS						MULTIPLE PASS					
	Gas-Shielded MIG ⁽¹⁾	Excellent. Low, little or no cleaning.	SuperArc L-56	.025	SINGLE PASS											
				.030	SINGLE PASS											
Aluminum	Gas-Shielded MIG ⁽¹⁾	Excellent. Low, little or no cleaning.	SuperGlaze 4043	.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



.035 Aluminum Welding Kit

Includes drive roll, non-metallic cable liner, and contact tips (qty. 6) for feeding .035" (0.9mm) aluminum MIG wire. Also includes 1 lb. spool of SuperGlaze™ 4043 aluminum MIG wire.
Order K664-2.

WELD-PAK™ 3200 HD Order Form

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
WELD-PAK 3200 HD 120/1/60	K2190-1		
Recommended Options			
.035 Aluminum Welding Kit	K664-2		
	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.