

Weld-Pak® 140HD



Output



Input



120 Volt AC Input Compact Wire Welder

Whether you have a home project, farm repairs or basic auto-body welding to complete, the Weld-Pak® 140HD should be at the top of your shopping list!

Requiring common 120 volt input power, the Weld-Pak® 140HD can be used almost anywhere. With simple two knob tapped control, the machine is easy to set up for gas-less flux-cored welding for deep penetration on thicker steel or gas-shielded MIG welding on thin gauge steel, stainless or aluminum. Compare the precise drive, rugged construction and full list of standard accessories. . . Lincoln Weld-Pak® is an excellent choice!



Shown:
K2514-1 Weld-Pak® 140HD

Processes
MIG, Flux-Cored

Advantage Lincoln

Superior Arc Performance:

- **Forgiving arc** makes dialing in your application easy.
- **Smooth arc starts** with minimal spatter.
- **Wide 30-140 amp welding output range.**
- **MIG weld 24 gauge up to 10 gauge (.135")** sheet metal in a single pass. Weld up to 5/16" steel using self-shielded Lincoln Innershield® wire (FCAW-S).

Professional Features:

- **Precise Wire Drive** features:
 - Precision full adjustment drive system reduces chance of wire tangling and crushing.
 - Brass-to-Brass gun connections for enhanced connectivity.
 - Large industrial closed-design drive motor for improved torque and trouble-free performance.

- **Spool Gun Ready** – add the optional Magnum® 100SG spool gun for reliable operation at the high wire feed speeds aluminum welding demands. No expensive outboard modules required.
- **No Hassle Tool-less Design** – for wire spool mounting, wire drive service and polarity changes.
- **Innovative contact tip, drive roll and nozzle storage** – keeps all your consumables close at hand.

Superb Quality:

- **Power Chassis™** channels airflow to cool power systems, structurally secures key components and traps wires and cables to avoid unnecessary abrasion.
- **Toughest PC Board Protection in the industry** – ‘Potted’ to seal sensitive components from the environment, ‘trayed’ in a tough plastic tray to add rigidity and shock resistance.
- **Three Year Lincoln Warranty/90 Days on gun and cable assembly.**

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 inches (mm)	Net Weight lbs.(kg)
Weld-Pak® 140HD	K2514-1	120/1/60	90A/19.5V/20%	20A	30-140 Amps DC 50-500 ipm WFS (1.3-12.7 m/min) Max. OCV: 33	14 x 10.15 x 18.6 (357 x 258 x 472)	58 (26.3)



A CLOSER LOOK

SUPERIOR ARC PERFORMANCE

- **Forgiving arc characteristics** make dialing in your application easy.
- **Smooth arc starts** with minimal spatter.



Farm Welding



Home Projects



Repair Work

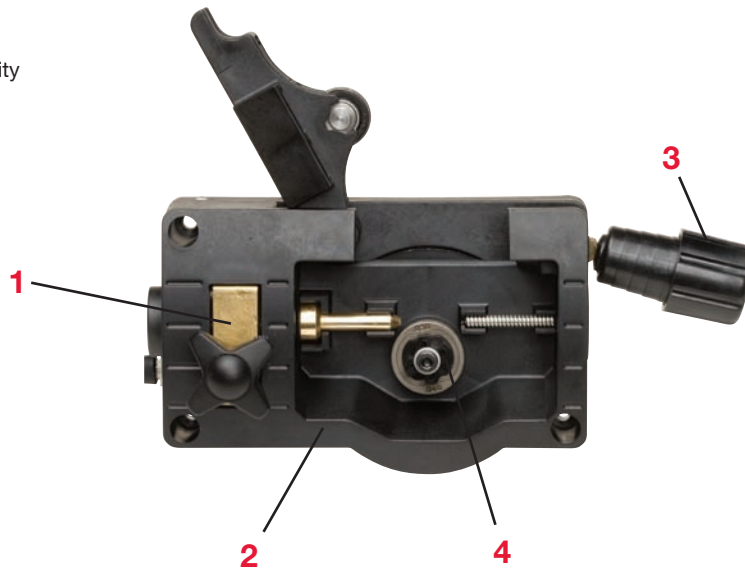
PRECISE WIRE DRIVE

Enhanced Quality

1. Brass Gun Connection Enhances Connectivity
2. Rigid Drive Aids Wire Alignment

Easy to Use

3. Easy Turn Tension Adjustment
4. Tool-less Quick Lock Drive Roll Changeovers



PRECISION ALUMINUM WELDING

Magnum® 100SG Spool Gun

Our low-priced spool gun is your most reliable aluminum feeding solution.



Great For Projects or Repair



Complete Kit. No Bulky Module Required.
Order K2532-1

WHAT'S INCLUDED

Weld-Pak® 140HD (K2514-1) Includes:

Gun

- Magnum® 100L gun and 10 ft. (3.0 m) cable assembly with brass gun connection and 4-pin MS-Type connection for trigger control (K530-6)
- .025" (0.6 mm) Contact Tips (Qty. 3) (KH710)
- .035" (0.9 mm) Contact Tips (Qty. 3) (KH712)
- Gasless Nozzle for Innershield® welding (KH726)
- Gas Nozzle for MIG welding (KH725)

Drive

- Spindle Adapter for 8" (203 mm) Diameter Spools (KH720)
- .025" (0.6 mm) Wire Diameter Drive Roll for MIG welding (KP2529-1)
- .035" (0.9 mm) Wire Diameter Drive Roll for MIG welding (KP2529-2)
- .030"-.045" (0.7-1.1 mm) Wire Diameter Knurled Drive Roll for Flux-Cored welding (KP2529-3)

Shielding Gas Apparatus

- Harris® 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) Hose (S19303) for use with CO₂ or argon blend gases. (For use with CO₂ shielding gas, order a Lincoln® S19298 CO₂ shielding gas bottle adapter.)

Welding Wire

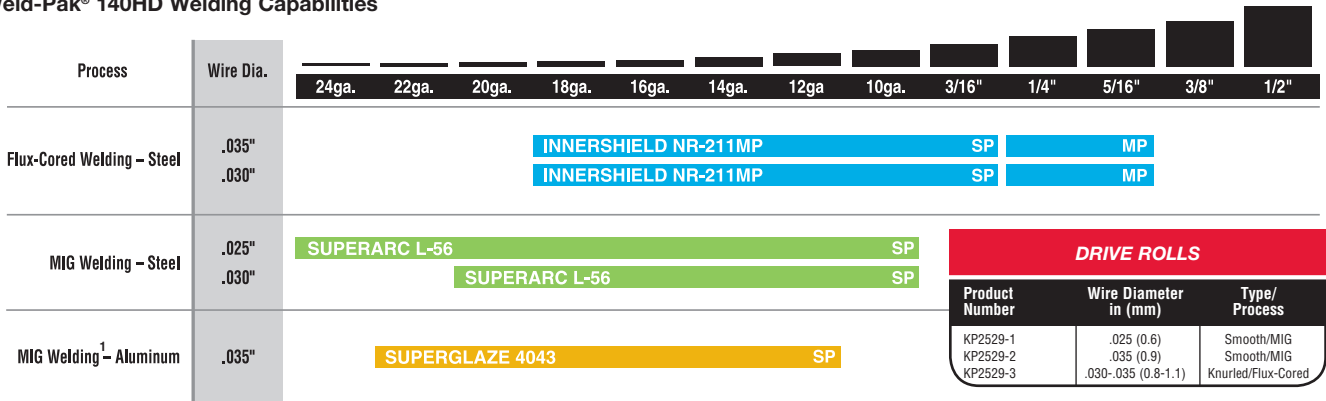
- 2 lb. (0.90 kg) Spool of .025" (0.6 mm) diameter SuperArc® L-56® premium MIG wire (ED030583)
- 1 lb. (0.45 kg) Spool of .035" (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire (ED027641)

Other

- Work Clamp and 10 ft. (3.0 m) Cable
- Handshield (G3364)
- Instruction Manual (IM-891)
- How to Use DVD (S26375)
- Learn to Weld Manual (LTW1)

PERFORMANCE PLUS

Weld-Pak® 140HD Welding Capabilities



SP- Single Pass.
MP- Multiple Pass.

¹ Aluminum welding requires optional K2532-1 Magnum® spool gun.

RECOMMENDED OPTIONS

GENERAL OPTIONS



Welding 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



Utility Cart

Heavy duty cart stores and transports welder, 150 cubic foot shielding gas cylinder, welding cables and accessories. Includes stable platforms for welder and gas bottle platform, lower tray for added storage capacity and adjustable height handle.
Order K520

RECOMMENDED OPTIONS

GENERAL OPTIONS CONT.



Small Canvas Cover
Protect your welder when not in use. Made from attractive red canvas that is flame retardant, mildew resistant and water repellent. Includes a convenient side pocket to hold your welding torch or gun.
Order KH495



WIRE FEEDER OPTIONS

Magnum® 100SG Spool Gun
Designed to easily feed 4" (102 mm) diameter 1 lb. (0.45 kg) spools of .030" (0.8 mm) or .035" (0.9 mm) diameter SuperGlaze® aluminum MIG wire. Includes gun, adapter kit, .035" (0.9 mm) contact tips (qty. 3), gas nozzle, and a 1 lb. (0.45 kg) spool of SuperGlaze® 4043 .035" (0.9 mm) MIG wire. Packaged in a convenient carrying case.
Order K2532-1



Spot Timer Kit
This timer allows you to set a fixed weld time of up to 10 seconds that is initiated when you pull the gun trigger. Ideal for making consistent spot welds on thin sheet metal.
Order K2525-1

WELD-PAK® 140HD ORDER FORM

PRODUCT DESCRIPTION	ORDER NUMBER	QUANTITY	PRICE
Weld-Pak® 140HD – 120/1/60	K2514-1		
Recommended General Options			
Welding Cart	K2275-1		
Utility Cart	K520		
Small Canvas Cover	K2377-1		
Recommended Wire Feeder Options			
Magnum® 100SG Spool Gun	K2532-1		
Spot Timer Kit	K2525-1		
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 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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