Weld-Pak® 180HD

Processes
MIG, Flux-Cored

Product Number
K2515-1

See back for complete specs

Input Power
208/230/1/60

Input Current at Rated Output
20A

Rated Output Current/Voltage/Duty Cycle
208: 130A/17.6V/30%
230: 130A/20V/30%

Output Range
30 - 180 Amps DC
50-500 ipm WFS
(1.3-12.7 m/min) Max. OCV: 34

Weight/Dimensions (H x W x D)
56 lbs. (25.4 kg)
14 x 10.15 x 18.2 inches
(357 x 258 x 462 mm)

APPLICATIONS
› Shop
› Farm
› Home

WHAT’S INCLUDED

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 in (0.6 mm) contact tips (Qty. 3) (KH710)
› .035 in (0.9 mm) contact tips (Qty. 3) (KH712)
› Gasless nozzle for Innershield® welding (KH726)
› Gas nozzle for MIG welding (KH725)
› Spindle adapter for 8 in. (203 mm) diameter spools (KH720)

Shielding Gas Apparatus
› Harris® 3000290 Gas Regulator (S25805) and 52 in. (1.3 m) hose (S19303) for use with Ar/CO₂ or CO₂ gases. For use with CO₂ shielding gas, order a Lincoln Electric S19298 CO₂ shielding gas bottle adapter.

Welding Wire
› Sample spool of .025 in. (0.6 mm) diameter SuperArc® L-56® premium MIG wire
› Sample spool of .035 in. (0.9 mm) diameter Innershield® NR®-211-MP flux-cored wire

FEATURES
› Heavy Duty Wire Drive
  – Fully adjustable drive system reduces the chance of wire tangling and crushing.
  – Brass-to-brass gun connection enhances conductivity.
  – Durable cast aluminum gear box delivers added drive torque and quiet operation.
  – Easy-turn numeric drive tension indicator identifies optimized ranges for different wire diameters.

› Capable Performance
  – Forgiving arc makes dialing in your application easy.
  – Smooth arc starts with minimal spatter.
  – Wide 30-180 amp welding output range.
  – MIG weld 24 gauge up to 3/16 in. (4.8 mm) sheet metal in a single pass. Weld up to 1/2 in. (12.7 mm) steel using self-shielded Lincoln Electric Innershield® (FCAW-S) wires.

208/230 Volt AC Input
Compact Wire Welder
Get it done with the Weld-Pak® 180HD for farm, light fabrication, auto or home projects! If you have access to 208/230 volt input power, you can weld on thicker material.

Simple two knob control makes it easy to tackle thin steel, stainless or aluminum sheet metal with MIG or thicker steel with flux-cored welding. Compare the precise drive, rugged construction and full list of standard accessories.

Lincoln Electric Weld-Pak® 180HD is an excellent choice!

INPUT

OUTPUT

OTHER
› Work clamp and 10 ft. (3.0 m) cable
› Learn-To-Weld DVD

THE LINCOLN ELECTRIC COMPANY
22801 St. Clair Avenue • Cleveland, OH • 44117-1199 • U.S.A.
PH: +1.216-481-8100 • www.lincolnelectric.com
Enhanced Quality
2. Rigid drive aids wire alignment. The cast aluminum body with an enclosed multi-stage gear box delivers improved torque and quiet operation.

Easy to Use
3. Easy-turn drive tension adjustment with numeric tension indicators.
5. Easy tool-less polarity changes for MIG or flux-cored welding.
6. Spool gun ready switch allows user to select spool gun or standard push gun drive operation.

Performance Plus

<table>
<thead>
<tr>
<th>Process</th>
<th>Wire Dia. (in)</th>
<th>Performance Plus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flux-Cored Welding – Steel</td>
<td>.025</td>
<td>SUPERARC® L-55®</td>
</tr>
<tr>
<td>Flux-Cored Welding – Steel</td>
<td>.035</td>
<td>SUPERARC® L-56®</td>
</tr>
<tr>
<td>Flux-Cored Welding – Steel</td>
<td>.045</td>
<td>SUPERARC® L-56®</td>
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<tr>
<td>MIG Welding – Steel</td>
<td>.025</td>
<td>INNERSHIELD® NR®-211-MP</td>
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<tr>
<td>MIG Welding – Aluminum</td>
<td>.035</td>
<td>SUPERGLAZE® 4043</td>
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Recommended Accessories

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Product Number</th>
<th>Wire Diameter (in)</th>
<th>Process</th>
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<tbody>
<tr>
<td>Small Canvas Cover</td>
<td>K2520</td>
<td>.025-.035 (.6-.9)</td>
<td>MIG/Flux-Cored</td>
</tr>
<tr>
<td>Utility Cart</td>
<td>K2275-3</td>
<td>.025-.035 (0.6-0.9)</td>
<td>MIG/Flux-Cored</td>
</tr>
<tr>
<td>Magnum® 100SG Spool Gun</td>
<td>K2532-1</td>
<td>.035 in (0.9 mm)</td>
<td>Flux-Cored</td>
</tr>
<tr>
<td>.045 Innershield® Welding Kit</td>
<td>K23281-1</td>
<td>.045 in (1.1 mm) self-shielded flux-cored wire.</td>
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</tr>
<tr>
<td>.025-.035 (.6-.9)</td>
<td>.025-.035 (.6-0.9)</td>
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<tr>
<td>.035-.045 (0.9-1.1)</td>
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Product Specifications

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<th>Input Current @ Rated Output</th>
<th>Output Range</th>
<th>H x W x D (inches)</th>
<th>Net Weight (lbs)</th>
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