Red-D-Arc Welderentals, an Airgas company, is North America’s leading provider of rental welding products and services, with over 50,000 units in a fleet that includes welders, welding positioners and other welding-related equipment, for almost any type of welding process and application.

LN25 Semi-Automatic Wirefeeder

- MIG, FLUX-CORED WELDING PROCESSES
- CONTROL CABLE NOT REQUIRED
- OPERATES OFF WELDER ARC VOLTAGE
- EXTREME-DUTY SPECIFICATIONS

1-866-733-3272
Rental Centers Across North America
LN25 Semi-Automatic Wirefeeder

Processes
MIG, Flux-Cored Welding with most CV and CC DC type power sources

Description
The LN25 wirefeeder is designed for field or construction use and is rated at 300 amps at 60% duty cycle. Since it is powered by welder arc-voltage, no control cables are needed. Simply connect the weld cable, attached the welding clip, and you're ready to go. The totally enclosed case accepts 10 - 44 lb (4.5 - 19.9 kg) wire packages for welding versatility. A tool-less quick release mechanism provides easy wire or gun changes. For MIG welding, a gas solenoid is included. A CC/CV mode switch provides voltage-sensing for constant-current power sources and constant speed for constant-voltage power sources. A two-range speed control handles high-speed, small diameter wires and lower-speed, larger diameter all position, self-shielding wires. The internal contactor provides “cold” electrode until gun trigger is pressed for an added margin of safety when welding must be performed under electrically hazardous conditions. A “cold” inch switch allows wire to be loaded without being electrically “hot” and a fixed burnback delay prevents electrodes from sticking in the weld crater when the gun trigger is released. A DC voltmeter and polarity-switch meter are included as well as 15 ft (4.6 m) direct work-clip lead. A dynamic-braking system is incorporated which stops the wire-feed motor quickly to minimize wire overrun. The fully-enclosed molded case meets UL94-VO flammability resistance and is heat, spatter and impact resistant; has double latches for easy access to wire, and includes an insulated gun holder. The whole package is small enough to pass through a 16 inch (406 mm) diameter manhole. Use with Lincoln flux-cored guns and Magnum MIG guns. Manufactured under an ISO 9001 certified quality system and ISO 14001 certified environmental standard.

Specifications

<table>
<thead>
<tr>
<th>Product Number</th>
<th>Input Power</th>
<th>Output Capacity</th>
<th>Wirefeed Speed Range</th>
<th>Wire Size Range Solid</th>
<th>Wire Size Range Cored</th>
<th>Dimensions H x W x D</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>K499-S2</td>
<td>15 - 40V DC</td>
<td>300A at 60%</td>
<td>50 - 700 ipm</td>
<td>.023 - 1/16”</td>
<td>.035 - 5/64”</td>
<td>14” x 7.4” x 21”</td>
<td>35 lb</td>
</tr>
<tr>
<td></td>
<td>(110V DC Max. OCV) duty cycle</td>
<td>(1.3 - 17.8 mpm)</td>
<td>(0.6 - 1.6 mm)</td>
<td>(0.9 - 2.0 mm)</td>
<td>(356 x 188 x 533 mm)</td>
<td>(15.9 kg)</td>
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</tr>
</tbody>
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Instruments and Controls