Reliable, durable machine provides up to 100 amps of power.

The Handler 100 operates off 115-volt household power and is the perfect wire feed welder for the beginner or personal user. With the addition of a roll of .030 – .035 in (0.8 – 0.9 mm) flux-cored welding wire, this welder is ready to weld (without shielding gas).

It can weld 18 ga. to 3/16 in. steel with flux-cored wire and is ideal for farm/home applications, light fabrication, and light maintenance and repair.

Applications
- Light maintenance/repair
- DIY
- Farm/ranch
- Home repair

Includes
- Comfortable 8 ft. (2.4 m) H100F2-8 gun with liner for .030 – .035 in. (0.8 – 0.9 mm) diameter wire
- Work cable with clamp
- .030 in. (0.8 mm) contact tips
- Power cord with plug
- Weld set-up chart
- Owner's manual with parts list, installation, operation and maintenance guidelines

Features
- Broad output range of 30 – 100 A
- Four output voltage settings
- Spool hub assembly accommodates 4- or 8-inch spools
- Built-in contactor
- Durable feed head with quick-release drive roll tension lever
- Short circuit protection
- Self-resetting thermal overload
- Hobart's 5/3/1 industrial warranty

Benefits
- Allows you to weld up to 3/16 in. (4.8 mm) steel with flux-cored wire.
- Provides a broad operating window for each wire, with quick and easy adjustment for different thicknesses and joints.
- Offers you flexibility to use small or large spools of wire to better suit your welding needs.
- Eases use and excellent safety feature which makes wire electrically "cold" until trigger is pulled.
- Positive feed with adjustable tension plus easy accessibility to thread new wire.
- Protects unit against current overload.
- Protects power transformer to ensure reliability.
- Five-year warranty on transformers, stabilizers and main rectifiers; three years on generators, PC boards and drive systems; and one year on guns (MIG, plasma and TIG torches).

Specifications

<table>
<thead>
<tr>
<th>Welding Amp Range</th>
<th>Rated Output</th>
<th>Amps Input at Rated Output, 60 Hz</th>
<th>Max. Open-Circuit Voltage</th>
<th>Wire Feed Speed Range</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 – 100 A</td>
<td>80 A at 18 VDC, 20% duty cycle</td>
<td>21.2</td>
<td>40 VDC</td>
<td>90 – 320 ipm (2.3–8.1 mpm)</td>
<td>H: 13.5 in. (343 mm)</td>
<td>44 lb. (20 kg)</td>
</tr>
<tr>
<td></td>
<td>45 A at 16.25 VDC, 60% duty cycle</td>
<td>2.69</td>
<td>40 VDC</td>
<td>90 – 320 ipm (2.3–8.1 mpm)</td>
<td>W: 10 in. (254 mm)</td>
<td>44 lb. (20 kg)</td>
</tr>
<tr>
<td></td>
<td>30 A at 15.5 VDC, 100% duty cycle</td>
<td>2.45</td>
<td>40 VDC</td>
<td>90 – 320 ipm (2.3–8.1 mpm)</td>
<td>D: 16 in. (406 mm)</td>
<td>44 lb. (20 kg)</td>
</tr>
</tbody>
</table>

Conforms to ANSI/IEC Std. 60974-1.
Conforms to CSA Std. E60974-1.
**Performance Data**

**Duty Cycle Curve**

- Duty Cycle % vs. Output Amperes

**Volt/Amp Curve**

- Voltage vs. Amperage

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**Control Panel**

**Handler 100**

115V Gasless Wire Welder 30–100 Amp Output

1. Over Temperature Light
2. Wire Speed Control
3. Voltage Control Switch
4. Power Switch

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**Accessories**

**H100F2-8 Replacement Welding Gun**
Hobart/Miller 270629

- Comes in 8 ft. (2.4 m) length with liner for .030–.035 in. (0.8–0.9 mm) diameter wire.

**Small Running Gear/Cylinder Rack**
194776

- Designed for portable MIG welders
- Accommodates large and small gas cylinders.

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**Consumables**

<table>
<thead>
<tr>
<th>Item</th>
<th>Hobart Package Part #</th>
<th>Miller Package Part #</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Tips</td>
<td>Hobart Package Part #</td>
<td>Miller Package Part #</td>
</tr>
<tr>
<td>.030 in. (0.8 mm)</td>
<td>770177 (5 per package)</td>
<td>000067 (10 per package)</td>
</tr>
<tr>
<td>.035 in. (0.9 mm)</td>
<td>770180 (5 per package)</td>
<td>000068 (10 per package)</td>
</tr>
<tr>
<td>Replacement Drive Roll</td>
<td>212379R</td>
<td>212379R</td>
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<tr>
<td>Gasless Flux-cored Nozzle</td>
<td>770487</td>
<td>226190</td>
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<tr>
<td>Tip Adapter</td>
<td>770402</td>
<td>169716</td>
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<tr>
<td>Liner</td>
<td>210970R</td>
<td>210970</td>
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