**Spoolmate™ 100**

**Air-Cooled Pistol-Grip Spool Gun**

### Quick Specs

<table>
<thead>
<tr>
<th>Light Industrial Applications</th>
<th>Processes</th>
<th>Wire Diameter Capacity</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light aluminum fabrication</td>
<td>MIG (GMAW) for aluminum, steel and stainless steel</td>
<td>.030–.035 in. (0.8–0.9 mm) 4043 series aluminum wire .023–.035 in. (0.6–0.9 mm) steel and stainless steel wire</td>
<td>6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case</td>
</tr>
<tr>
<td>Home maintenance and repair</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto and marine repair</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reliable and economical spool gun designed for home hobbyists and light fabricators.

- **Recessed contact tip** for easier welding and prevention of burn back issues.
- **Clear spool cover** allows the user to see the amount of wire left before it runs out.
- **Dual V-knurled drive rolls** for consistent feeding.
- **Heavy-duty drive motor and cast aluminum gearbox.**
- **Adjustable drive roll tension** for feeding different types of wire. **Adjustable pressure lever** for easy loading and unloading of wire.
- **12-foot (3.7 m) direct-connect cable with heavy-duty strain relief.**
- **Convenient carrying case** holds gun and cable, extra contact tips, nozzle, and wire (wire not included).
- **Recessed contact tip** for easier welding and prevention of burn back issues.

Comes complete with:
- 12-foot (3.7 m) cable
- Custom carrying case
- Extra contact tips and nozzle

Guns are warranted for 90 days, parts and labor.

**Miller Electric Mfg. LLC**
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

**MillerWelds.com**

---

**Spoolmate™ 100**

**Air-Cooled Pistol-Grip Spool Gun**

<table>
<thead>
<tr>
<th>Quick Specs</th>
<th>Light Industrial Applications</th>
<th>Processes</th>
<th>Wire Diameter Capacity</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light aluminum fabrication</td>
<td>MIG (GMAW) for aluminum, steel and stainless steel</td>
<td>.030–.035 in. (0.8–0.9 mm) 4043 series aluminum wire .023–.035 in. (0.6–0.9 mm) steel and stainless steel wire</td>
<td>6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case</td>
<td></td>
</tr>
<tr>
<td>Home maintenance and repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto and marine repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reliable and economical spool gun designed for home hobbyists and light fabricators.

- **Recessed contact tip** for easier welding and prevention of burn back issues.
- **Clear spool cover** allows the user to see the amount of wire left before it runs out.
- **Dual V-knurled drive rolls** for consistent feeding.
- **Heavy-duty drive motor and cast aluminum gearbox.**
- **Adjustable drive roll tension** for feeding different types of wire. **Adjustable pressure lever** for easy loading and unloading of wire.
- **12-foot (3.7 m) direct-connect cable with heavy-duty strain relief.**
- **Convenient carrying case** holds gun and cable, extra contact tips, nozzle, and wire (wire not included).

Comes complete with:
- 12-foot (3.7 m) cable
- Custom carrying case
- Extra contact tips and nozzle

Guns are warranted for 90 days, parts and labor.

**Miller Electric Mfg. LLC**
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

**MillerWelds.com**

---

**Spoolmate™ 100**

**Air-Cooled Pistol-Grip Spool Gun**

<table>
<thead>
<tr>
<th>Quick Specs</th>
<th>Light Industrial Applications</th>
<th>Processes</th>
<th>Wire Diameter Capacity</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light aluminum fabrication</td>
<td>MIG (GMAW) for aluminum, steel and stainless steel</td>
<td>.030–.035 in. (0.8–0.9 mm) 4043 series aluminum wire .023–.035 in. (0.6–0.9 mm) steel and stainless steel wire</td>
<td>6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case</td>
<td></td>
</tr>
<tr>
<td>Home maintenance and repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto and marine repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reliable and economical spool gun designed for home hobbyists and light fabricators.

- **Recessed contact tip** for easier welding and prevention of burn back issues.
- **Clear spool cover** allows the user to see the amount of wire left before it runs out.
- **Dual V-knurled drive rolls** for consistent feeding.
- **Heavy-duty drive motor and cast aluminum gearbox.**
- **Adjustable drive roll tension** for feeding different types of wire. **Adjustable pressure lever** for easy loading and unloading of wire.
- **12-foot (3.7 m) direct-connect cable with heavy-duty strain relief.**
- **Convenient carrying case** holds gun and cable, extra contact tips, nozzle, and wire (wire not included).

Comes complete with:
- 12-foot (3.7 m) cable
- Custom carrying case
- Extra contact tips and nozzle

Guns are warranted for 90 days, parts and labor.

**Miller Electric Mfg. LLC**
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

**MillerWelds.com**

---

**Spoolmate™ 100**

**Air-Cooled Pistol-Grip Spool Gun**

<table>
<thead>
<tr>
<th>Quick Specs</th>
<th>Light Industrial Applications</th>
<th>Processes</th>
<th>Wire Diameter Capacity</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light aluminum fabrication</td>
<td>MIG (GMAW) for aluminum, steel and stainless steel</td>
<td>.030–.035 in. (0.8–0.9 mm) 4043 series aluminum wire .023–.035 in. (0.6–0.9 mm) steel and stainless steel wire</td>
<td>6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case</td>
<td></td>
</tr>
<tr>
<td>Home maintenance and repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Auto and marine repair</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Reliable and economical spool gun designed for home hobbyists and light fabricators.

- **Recessed contact tip** for easier welding and prevention of burn back issues.
- **Clear spool cover** allows the user to see the amount of wire left before it runs out.
- **Dual V-knurled drive rolls** for consistent feeding.
- **Heavy-duty drive motor and cast aluminum gearbox.**
- **Adjustable drive roll tension** for feeding different types of wire. **Adjustable pressure lever** for easy loading and unloading of wire.
- **12-foot (3.7 m) direct-connect cable with heavy-duty strain relief.**
- **Convenient carrying case** holds gun and cable, extra contact tips, nozzle, and wire (wire not included).

Comes complete with:
- 12-foot (3.7 m) cable
- Custom carrying case
- Extra contact tips and nozzle

Guns are warranted for 90 days, parts and labor.

**Miller Electric Mfg. LLC**
An ITW Welding Company
1635 West Spencer Street
P.O. Box 1079
Appleton, WI 54912-1079 USA

**Equipment Sales US and Canada**
Phone: 866-931-9730
FAX: 800-637-2315
International Phone: 920-735-4554
International FAX: 920-735-4125

**MillerWelds.com**
## Specifications

<table>
<thead>
<tr>
<th>Welding Current Rating</th>
<th>Wire Feed Speed</th>
<th>Wire Diameter Capacity</th>
<th>Maximum Spool Size Capacity</th>
<th>Dimensions</th>
<th>Net Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>135 A at 30% duty cycle</td>
<td>5–625 ipm (1.7–15.9 m/min.)</td>
<td>.030–.035 in. (0.8–0.9 mm)</td>
<td>4 in. (102 mm)</td>
<td>H: 11.5 in. (291 mm) W: 3 in. (76 mm) L: 13 in. (330 mm)</td>
<td>6 lb. (2.7 kg) with cable assembly 9 lb. (4.1 kg) with case</td>
</tr>
</tbody>
</table>

## Hook-Up Recommendations

<table>
<thead>
<tr>
<th>Power Source</th>
<th>Effective Serial Number</th>
<th>Spoolmate 100, 300371 (135 A, 30% Duty Cycle)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Millermatic® 140 and 140 Auto-Set™</td>
<td>After #LH210051N</td>
<td>Direct connect*</td>
</tr>
<tr>
<td>Millermatic® 141</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Millermatic® 180</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Millermatic® 180 Auto-Set™</td>
<td>All serial numbers</td>
<td>Direct connect*</td>
</tr>
<tr>
<td>Millermatic® 190</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Millermatic® 211 Auto-Set™ with MVP™</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Millermatic® 211</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Millermatic® Passport® Plus™</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Multimatic® 200</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Multimatic® 215</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Renegade® 180</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
<tr>
<td>Syncrowave® 210 TIG</td>
<td>All serial numbers</td>
<td>Retrofit kit 269044 and accessory kit 301254 required</td>
</tr>
<tr>
<td>Syncrowave® 210 TIG/MIG Complete</td>
<td>All serial numbers</td>
<td>Direct connect</td>
</tr>
</tbody>
</table>

*Spoolmate 100 requires switch 233701 to be installed inside Millermatic. **Spoolmate 100 does not work with the Millermatic® Passport®, only the Passport® Plus.

## Consumables

**Contact Tips** (5 per package)
- 199730 For .024 in. (0.6 mm) wire.
- 186419 For .030 in. (0.8 mm) wire.
- 186406 For .035 in. (0.9 mm) wire.

**Drive Roll (1)**
- 186413 (standard) For .030/.035 in. (0.8/0.9 mm) wire.
- 199731 (optional) For .024 in. (0.6 mm) wire.

**Push Roll (1)**
- 186414 (standard) For .030/.035 in. (0.8/0.9 mm) wire.
- 199732 (optional) For .024 in. (0.6 mm) wire.

## Ordering Information

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spoolmate™ 100</td>
<td>300371</td>
<td>Includes 12 ft. (4 m) cable and custom carrying case</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Accessories</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Switch</td>
<td>233701</td>
<td>Field. Required for older Millermatic machines — see chart above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retrofit Kits</td>
<td>269044</td>
<td>Field. Required for Syncrowave 210 TIG. Includes circuit card assembly, control and interface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accessory Kit</td>
<td>301254</td>
<td>Field. Required for Syncrowave 210 TIG. MIG compatibility accessories</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date: ____________________________  Total Quoted Price: ____________________________

© 2020 Miller Electric Mfg. LLC

Distributed by:

---

Miller
The Power of Blue

---