

Millermatic® DVI

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**MIG Arc Welding Power Source,
Wire Feeder and Gun Package**



Quick Specs

Light Industrial Applications

Light Fabrication
Maintenance and Repair
Garage/Body Shop
Farm/Home
Sign Shops

Processes

MIG (GMAW)
Flux Cored (FCAW)

Input Power

230 V, 60 Hz, single phase
115 V, 60 Hz, single phase

Rated Output

150 A at 23 VDC, 40% Duty Cycle (230 V operation)
90 A at 18 VDC, 20% Duty Cycle (115 V operation)

Amperage Range 30–175 A

Max. Open-Circuit Voltage 32 V

Weight 168 lb (76.2 kg)

The Power of Blue.®

NEW! Millermatic DVI (DUAL VOLTAGE INPUT): This unique system is the first Millermatic that allows you to connect to common 115 V or 230 V power receptacles without the use of any tools — there are no primary power jumper links to change. With Miller's exclusive **MVP™ (multi-voltage plug)** power cord adapters, just pick the **MVP** that matches the power receptacle, connect it to the power cord and you are ready to weld.



Photo shown with two standard and one optional MVP plugs.

Six taps provide welding range of 30–175 A with superior performance throughout its operating range. Welds materials 22 gauge up to 3/8 in thick on 230 VAC power, and 22 gauge up to 3/16 in thick on 115 VAC.

Industrial, dual-gear-driven, aluminum drive system features no-tool, quick-change **reversible** drive rolls and easy-to-set, scaled tension knob.

New!



Comes Complete With:

- 10 ft (3 m) power cord and MVP™ adapter plugs for 115 V and 230 V
- 10 ft (3 m) M-10 MIG gun for .030/.035 in (0.8/0.9 mm) wire
- 10 ft (3 m) work cable and clamp
- Argon mix regulator/flow gauge with hose
- .030/.035 in contact tips
- Factory-installed running gear/cylinder rack
- .030/.035 in (0.8/0.9 mm) reversible drive rolls
- Set-up and operation video



Convenient **MVP™ Adapter Storage** for plugs that are not being used.

M-10 MIG gun features a durable one-piece handle, unicable outer jacket, and is trigger rated for one million cycles.

Power Switch/Circuit Breaker: This dual-purpose power switch energizes the main transformer and controls circuitry, while the 20 A circuit breaker protects the unit from overload.

TRUE BLUE
3YR. WARRANTY

Welder is warranted for 3 years, parts and labor.
Original main power rectified parts are warranted for 5 years.
Gun warranted for 90 days, parts and labor.

MADE IN **USA**
APPLETON, WI



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Web Site
www.MillerWelds.com



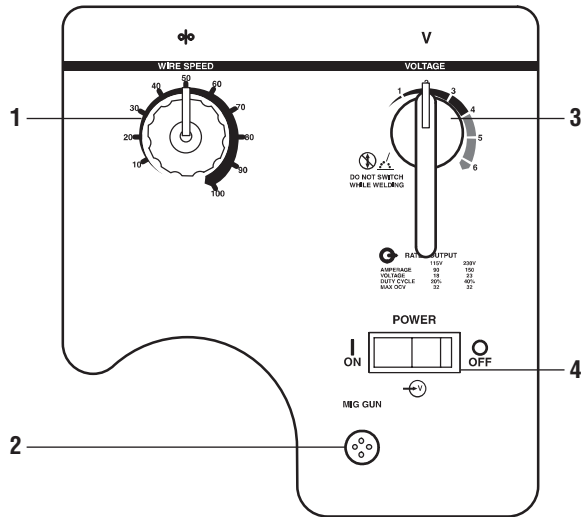
Specifications (Subject to change without notice.)



| Rated Output | Welding Amperage Range | Max. Open-Circuit Voltage | Amps Input at Rated Output, 60 Hz | | | | Wire Feed Speed (1.3–15.2 m/min) | Dimensions H: 32 in (813 mm) W: 19 in (483 mm) D: 39 in (991 mm) | Weight (76 kg) |
|-------------------------------|------------------------|---------------------------|-----------------------------------|-------|------|------|-------------------------------------|---|-------------------|
| | | | 115 V | 230 V | KVA | KW | | | |
| 90 A, 18 V 20% Duty Cycle | 30–135 A | 32 | 24.8 | — | 2.78 | 2.23 | | | |
| 150 A, 23 V 40% Duty Cycle | 30–175 A | 32 | — | 25 | 5.74 | 4.93 | | | |

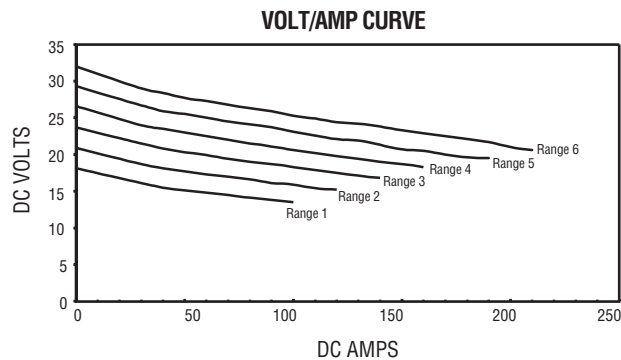
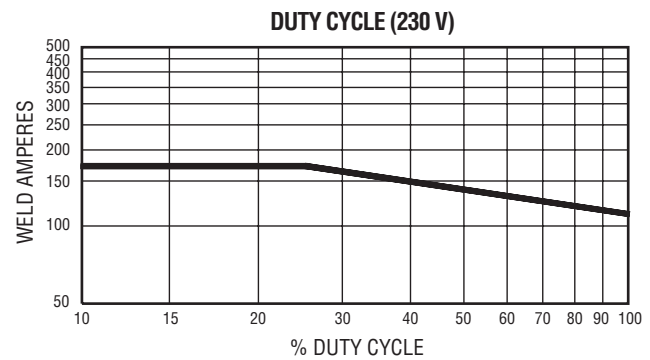
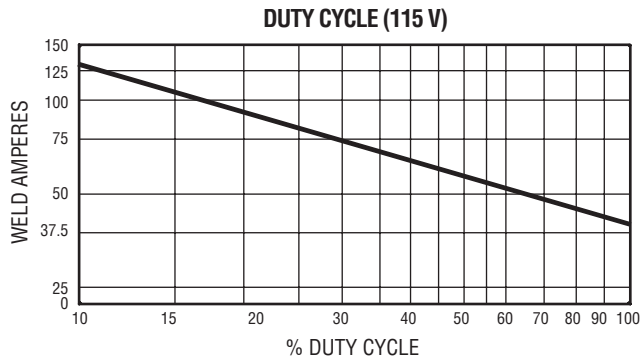
Certified to both the Canadian and U.S. Standards for welding equipment.

Control Panel



1. Wire Feed Speed Control
2. MIG Gun Receptacle
3. Voltage Control
4. Power Switch/Circuit Breaker

Performance Data



Genuine Miller Accessories

M-10 Replacement Gun #195 605
10 ft (3 m). Shipped with liner #194 011.



Spoolmate™ 3035 Spool Gun #195 016
Spool gun for aluminum and other wires. 4 in spools; .030–.035 in (0.8–0.9 mm) aluminum, steel and stainless steel. Rated at 150 amps, 60% duty cycle with 20 ft (6 m) cable assembly.

Spoolmate 3035 25 ft Extension Cable Kit #194 996
Extends Spoolmate 3035 an additional 25 ft (7.6 m) from power source.



Dual Cylinder Rack #042 758
Converts single cylinder rack to a dual rack.



Millermatic® Protective Cover with Helmet Bag #195 142

CO₂ Regulator/Flow Gauge #212 492
Required if using 100% CO₂ gas.
Order from Miller Service Parts.

MVP™ Adapter Plugs

Order from Miller Service Parts.



#219 258
For Power Cable 6-50P (230 V/50 A).
Included with machine.



#219 261
For Power Cable 5-15P (115 V/15 A).
Included with machine.



#219 259
For Power Cable 5-20P (115 V/20 A). Optional.

Consumables (Order from Miller Service Parts.)

For M-10 Gun



Contact Tips
#087 299 .023/.025 in (0.6 mm)
#000 067 .030 in (0.8 mm)
#000 068 .035 in (0.9 mm)



Contact Tip Adapter #169 716



Replacement Liners
#194 010 .023/.025 in
#194 011 .030–.035 in (standard)



Nozzle #169 715
1/2 in (13 mm) diameter orifice. Nozzle flush with contact tip (standard).

Spot Nozzles
#176 237 Flat
#176 239 Inside corner
#176 241 Outside corner

Gun Convenience Kit #193 973
Contains:
3 – .025 in (0.6 mm) contact tips (#087 299)
5 – .030 in (0.8 mm) contact tips (#000 067)
5 – .035 in (0.9 mm) contact tips (#000 068)
2 – Tip adapters (#169 716)
3 – O-rings (#170 471)
2 – Shock washers (#169 717)
1 – 1/2 in (13 mm) diameter orifice nozzle (#169 715)

V-Grooved Drive Roll Kits
#204 579 .030/.035 in (0.8/0.9 mm) reversible
#087 131 .023/.025 in (0.6 mm)
#079 594 .030 in (0.8 mm)
#079 595 .035 in (0.9 mm)

V-Knurled Drive Roll Kits
#079 606 .035 in (0.9 mm)

Note: Drive roll kits include two drive rolls and inlet guide.

For Spoolmate™ 3035 Gun



Contact Tips (5 per package)
#199 730 For .023 in (0.6 mm) wire.
#186 419 For .030 in (0.8 mm) wire.
#186 409 For .035 in (0.9 mm) wire.



Nozzle #186 405



Drive Roll (1) #199 731
For .023 in (0.6 mm) wire
#186 413
For .030/.035 in (0.8/0.9 mm) wire.



Push Roll (1) #199 732
For .023 in (0.6 mm) wire
#186 414
For .030/.035 in (0.8/0.9 mm) wire.

Ordering Information

| Equipment and Options | Stock No. | Description | Qty. | Price |
|--|---|--|------|-------|
| Miller[®] DVI | #907 252 | 115/230 VAC | | |
| Miller[®] DVI Package | #951 044 | Includes Spoolmate [™] 3035, dual cylinder rack, regulator, gas hose, and diverter valve switch kit | | |
| Guns | | | | |
| M-10 Gun | #195 605 | 10 ft (3 m), .030–.035 in (0.8–0.9 mm) | | |
| Spoolmate [™] 3035 | #195 016 | Spool gun for aluminum. Requires Diverter Valve Switch Kit #207 642 | | |
| Spoolmate [™] Gun Diverter Valve Switch Kit | #207 642 | Required for use with Spoolmate [™] 3035 | | |
| Spoolmate [™] 25 ft Extension Cable Kit | #194 996 | | | |
| Accessories | | | | |
| Protective Cover with Helmet Bag | #195 142 | | | |
| CO ₂ Regulator/Flow Meter <i>(Order from Miller Service Parts)</i> | #212 492 | | | |
| Dual Cylinder Rack | #042 758 | | | |
| Shielding Gas Cylinder | | | | |
| Helmet/Gloves/Scratch Brush | | | | |
| MVP [™] Adapter Plugs <i>(Order from Miller Service Parts)</i> | #219 258 #219 261 #219 259 | For Power Cable 6-50P (230 V/50 A). Included with machine For Power Cable 5-15P (115 V/15 A). Included with machine For Power Cable 5-20P (115 V/20 A). Optional | | |
| Consumables <i>(Order from Miller Service Parts)</i> | | | | |
| Contact Tips | | | | |
| Contact Tip Adapter | | | | |
| Replacement Liners | | | | |
| Nozzles | | | | |
| Spot Nozzles | | | | |
| Gun Convenience Kit | #193 973 | | | |
| Drive Rolls | | | | |
| Push Roll | | | | |

Date:

Total Quoted Price:



Distributed by: