

Wildcat™ 200

Issued March 2009 • Index No. ED/3.0

**Gas Engine-Driven
Welder/AC Generator** 

Quick Specs

Industrial Applications

Maintenance
Repair
Farm/Ranch Applications
Fabrication
Use as a stand-alone generator

Processes

Stick (SMAW)
DC TIG (GTAW)
Air Plasma Cutting and Gouging with
optional Spectrum models

Output Range Rated at 104° F (40° C)

DC Stick/TIG 50–200 A

Generator Power Output Rated at 104° F (40° C)

Peak: 6,500 W, Continuous: 5,500 W

**Accu-Rated™ – Not Inflated
Generator Power**

The Power of Blue.®

Durable yet lightweight design provides maximum portability and a fully enclosed, affordable package.

Very good DC Stick/TIG weld performance in a compact package.

Fully enclosed case provides a fully protected engine to ensure long-term reliability.

12 hours of run time is provided by a 7-gallon fuel tank when using a typical 1/8-in Stick electrode.

Accu-Rated™ 6,500-watts of useable peak power cranks out enough power for most applications: job site, farm/ranch, or home.

Heavy-duty construction ensures protection from rough handling or the elements to keep you making money, rather than spending it.

New!



Durable Subaru 14 HP engine provides a three year engine warranty that ensures reliability and peace of mind for years after the purchase.

Tested and Rated at 104°F to ensure consistent operation of the welder and generator in all climates.

Convenient front panel ignition switch allows easy access to start and stop your welder/generator with a standard recoil pull starter as backup.

Reduces fuel consumption and noise by idling the engine down when no load is sensed.

Maintenance is made easy with a standard backlit front panel gauge that shows engine hours and hours left before an oil change is due.

120 V and 240 V receptacles provide power for job site tools. Receptacles are circuit breaker protected (optional 120 VAC GFCI receptacles are available).



For truck installation information, visit
MillerWelds.com/truck

TRUE BLUE
3 YR. WARRANTY

Welder/generator is warranted for 3 years, parts and labor.
Engine is warranted separately by the engine manufacturer.

MADE IN **USA**
APPLETON, WI **USA**



Miller Electric Mfg. Co.
An Illinois Tool Works Company
1635 West Spencer Street
Appleton, WI 54914 USA

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

Web Site
www.MillerWelds.com



Specifications (Subject to change without notice.)



| Welding Mode | Process | Amp/Volt Ranges | Weld Output Rated at at 104°F/40°C* | Single-Phase Generator Power | Dimensions | Net Weight** |
|--------------|-----------|-----------------|---|--|---|--------------------|
| CC/DC | Stick/TIG | 50–200 A | 200 A, 20% Duty Cycle 150 A, 100% Duty Cycle | Peak: 6,500 watts Continuous: 5,500 watts 120/240 VAC, 54/27 A, 60 Hz | H: 22 in (559 mm) H: 25 in (635 mm) to top of exhaust W: 20 in (508 mm) D: 35-1/2 in (902 mm) | 350 lb (159 kg) |

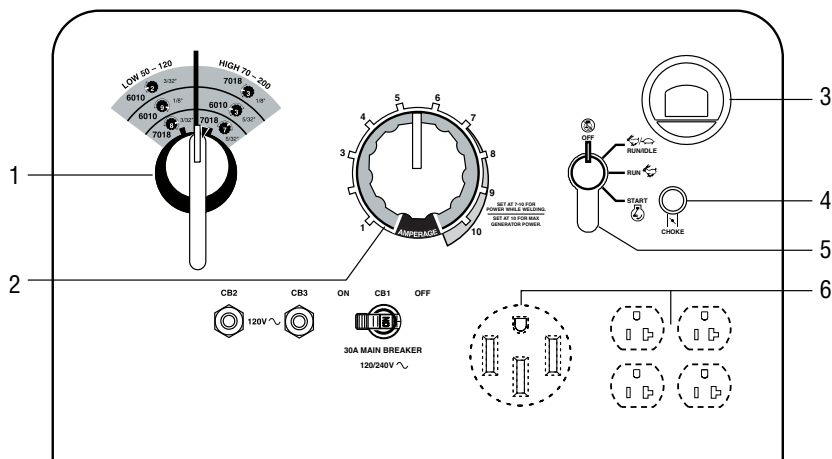
Certified to both Canadian and U.S. Standards for welding equipment. See ordering information on page 4.

*Rated at sea level. **Net weight without fuel.

Engine Specifications (Engines warranted separately by the engine manufacturer.)

| Engine Brand/Warranty | Horsepower (HP) | Type | Weld Speed | Idle Speed | Fuel Capacity | Oil Capacity | Standard Shutdowns |
|------------------------|-----------------|--|------------|------------|-------------------|----------------|--------------------|
| Subaru: 3-year mfg. | 14 HP | Single-cylinder, 4-cycle overhead cam shaft, industrial air-cooled, gasoline | 3600 RPM | 2400 RPM | 7 gal (26.5 L) | 1.3 qt (1.2 L) | Standard |

Function Guide



- Coarse Range Switch** provides ease of set up by recommending fine adjust settings based on Stick electrode type and diameter.
- Fine Control** is used in conjunction with the coarse range switch to provide optimal current settings for Stick/TIG welding. Set control above 7 for best power while welding and to 10 for maximum generator power.
- Maintenance Displays** provide engine hours and oil change interval information.
- Engine Choke Control** is used for easy engine starting.
- Engine Control Switch** is used to start the engine and then select between Auto Idle and High Speed Lock.
- 120 VAC and 240 VAC Covered Receptacles with Circuit Breakers** meet/exceed OSHA/CSA requirements for job site safety (optional 120 VAC GFCI receptacles available).

Note: For matching plug, order #119 172.

Upgrade Benefits

| Feature | Blue Star® 185 DX | | Wildcat™ 200 | | Bobcat™ 225 |
|---------------------|---|----------------|---|----------------|---|
| Generator Power | 6,000 watts peak | Upgrade | 6,500 watts peak | Upgrade | 10,500 watts peak |
| Stick/TIG Output | 185 A 25 VDC | Upgrade | 200 A 25 VDC | Upgrade | 210 A 25 VDC 225 A 25 VAC |
| Engine | 12 HP Kohler | Upgrade | 14 HP Subaru | Upgrade | 23 HP Kohler 23 HP Subaru |
| Fuel Capacity | 5 gallons | Upgrade | 7 gallons | Upgrade | 12 gallons |
| Weld Quality | FAIR/GOOD | Upgrade | VERY GOOD | | VERY GOOD |
| Fully Enclosed Case | NO | Upgrade | YES | | YES |
| Engine Starting | Electric Start | Upgrade | Electric/Recoil Start | | Electric Start |
| Size | H: 23 in (584 mm) W: 23 in (584 mm) D: 32 in (813 mm) | | H: 22 in (559 mm) H: 25 in (635 mm) to top of exhaust W: 20 in (508 mm) D: 35-1/2 in (902 mm) | | H: 28 in (711 mm) H: 33 in (838 mm) to top of exhaust W: 20 in (508 mm) D: 45-1/2 in (1,156 mm) |

Genuine Miller Options *Available as factory option. See ordering information on back page.

GFCI Protection* #300 584 Field
Ground Fault Circuit Interruptors are required on some construction sites. Kit contains two GFCI 120 VAC duplex receptacles. (240 VAC GFCI receptacle not required).

Electric Fuel Pump* #300 567 Field
For gas models at high altitude. Improves engine starting and high-output performance.



Adapter Cord, Full KVA #300 158 Field
NEMA 14-50P to NEMA 6-50R. Adapts engine drive 120/240 V plug to common Millermatic® and Spectrum® 240 V plug.



Full KVA Plug Kit #119 172 Field
120/240 VAC, 50 amp plug (NEMA 14-50P) to fit full KVA receptacle.

Order the following from Miller Service Parts.



Power Terminal Boots #186 621
Rubber output stud boot

Engine Tune-Up Kit #240 585 Field
Tune-up kit includes spark plug, fuel filter and air filter.

Genuine Miller Accessories

Running Gear



Wildcat 200 Running Gear #300 532
Designed for excellent portability on job sites.

Protective Cover



#300 496
Heavy-duty, water-resistant and mildew-resistant cover protects and maintains the finish of the welder.

MIG/Flux Cored Welding

Millermatic 180 Auto-Set and DVIz shown.



The Millermatic line of MIG welders are complete arc welding power source, wire feeder and gun packages designed for portability and ease of use.

Millermatic® 140 Auto-Set™ #907 335
See Lit. Index No. DC/12.42.

Millermatic® 180 Auto-Set™ #907 312
See Lit. Index No. DC/12.44.

Millermatic® DVIz™ #907 324
See Lit. Index No. DC/12.52.

Plasma Cutting



Spectrum® 375 X-TREME™ with X-CASE™ #907 339

See Lit. Index No. PC/9.2.

TIG (GTAW) Welding



Dynasty® 200 Series
For premium portable AC/DC TIG arc quality.

Dynasty® 200 SD #907 099

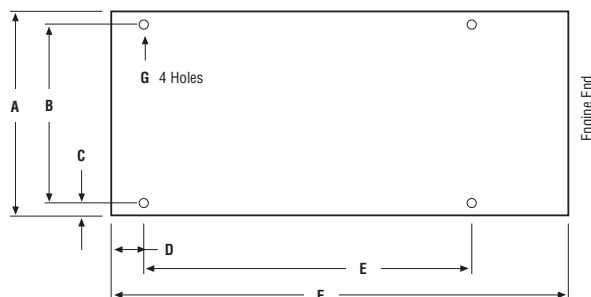
Dynasty® 200 DX #907 099-01-1

See Lit. Index No. AD/4.8.

Diversion® 165 #907 005

See Lit. Index No. AD/1.5.

Mounting Specifications



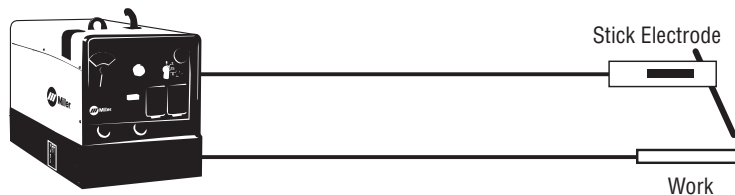
- A. 20 in (508 mm)
- B. 16-1/2 in (419 mm)
- C. 1-3/4 in (44 mm)
- D. 3-5/16 in (84 mm)
- E. 28-1/2 in (724 mm)
- F. 35-1/4 in (895 mm)
- G. 13/32 in (10 mm) diameter

- Height:** 22 in (559 mm)
25 in (635 mm)
to top of exhaust
- Width:** 20 in (508 mm)
- Depth:** 35-1/2 in (902 mm)

Typical Installations

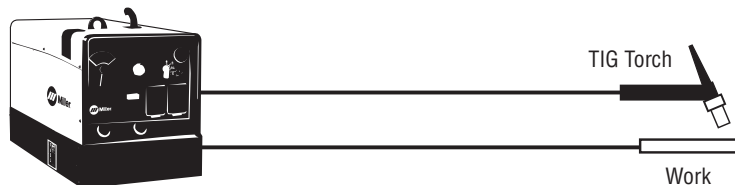


Stick (SMAW) Basic Equipment



TIG (GTAW) Basic Equipment

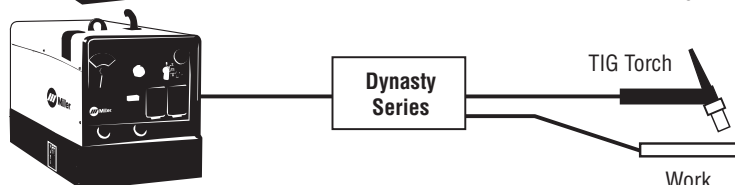
- Steel and Stainless Steel



Dynasty® 200 Series

See Lit. Index No. AD/4.8

- Steel and Stainless Steel
- Aluminum



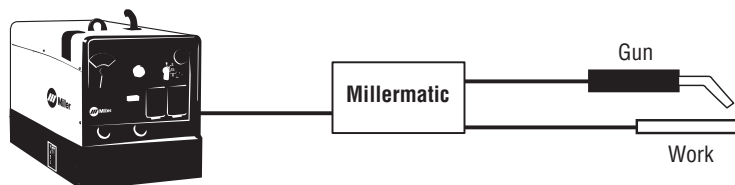
MIG (GMAW) Basic Equipment

Millermatic® 140 Auto-Set™ #907 335*

Millermatic® 180 Auto-Set™ #907 312*

Millermatic® DVIz™ #907 324

*Disable the Auto-Set™ feature when using generator power supplies



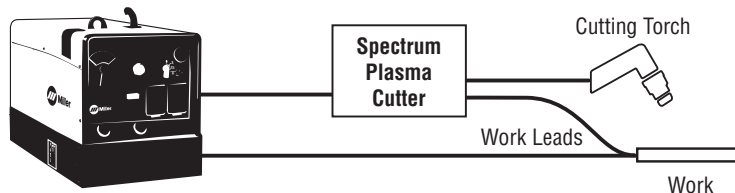
Plasma Basic Equipment

Spectrum® 375 X-TREME™ #907 303

Spectrum® 375 X-TREME™ with X-CASE™

#907 339 (not shown)

See Lit. Index No. PC/9.2



Ordering Information

| Equipment and Options | Stock No. | Description | Qty. | Price |
|---------------------------------|---|--|------|-------|
| Wildcat™ 200 | #907 403 #907 403-00-1 #907 403-00-2 #907 403-00-3 #907 403-00-4 #907 403-00-5 | Base machine, CC, DC 6,500 watts With GFCI Receptacles With Electric Fuel Pump for High Altitude With CSA Approval With No Battery, International With CSA Approval, GFCI Receptacles | | |
| GFCI Protection | #300 584 | Field | | |
| Electric Fuel Pump | #300 567 | Field. For gas engines at high altitudes | | |
| Adapter Cord, Full KVA | #300 158 | Field | | |
| Full KVA Plug | #119 172 | Field | | |
| Power Terminal Boots (2) | #186 621 | (Order from Miller Service Parts) | | |
| Engine Tune-Up Kits | #240 585 | Field. For Subaru EX-40 (Order from Miller Service Parts) | | |
| Accessories | | | | |
| Wildcat™ 200 Running Gear | #300 532 | | | |
| Protective Cover | #300 496 | Blue with logo. Not for use with running gear | | |
| Millermatic® Series MIG Welders | | See page 3 | | |
| Spectrum® Plasma Cutters | | See page 3 | | |
| Dynasty® 200 Series TIG Welders | | See page 3 | | |
| Diversion® 165 TIG Welder | #907 005 | See page 3 | | |

Date:

Total Quoted Price:

Distributed by:

