

# Bobcat™ Series

Issued Oct. 2008 • Index No. ED/4.4

Gas, LP or Diesel Engine-Driven  
Welder/AC Generator



## Quick Specs

### Industrial Applications

Maintenance  
Repair  
Farm/Ranch Applications  
Fabrication  
Structural Steel Work  
Use as a Stand-Alone Generator

### Processes

Stick (SMAW)  
Flux Cored (FCAW)  
MIG (GMAW)  
DC TIG (GTAW)  
Non-Critical AC TIG (GTAW)  
Air Carbon Arc (CAC-A) Cutting and Gouging (3/16 in carbons)  
Air Plasma Cutting and Gouging with optional Spectrum models  
Optional Battery Charger

### Output Range

	225	250
DC Stick/TIG	50–210 A	40–250 A
AC TIG/Stick	50–225 A	40–250 A
FCAW/MIG	19–28 V	17–28 V

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

225 Peak: 10,500 W (Kohler), 11,000 W (Subaru)  
250 Peak: 11,000 W  
All Models Continuous: 9500 W

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

## The Power of Blue.®

Reliable Bobcat engine-driven welding generators are the industry standard for quality and value. Multiprocess weld output, strong generator power, and most important — rated #1 in reliability, make the Bobcat the welding industry's most popular choice. **Bulletproof inside and out.**

Increased fuel capacity to 12 gallons means many hours of run time before refueling.

Ten-degree skewed-rotor design for smoother generator power.

### Exclusive! High-Impact Protective Armor

- Protective armor with receptacle and output stud covers provides a virtually indestructible barrier from damage
- High-impact resistance in all temperatures

Other applications include: automotive bumpers, tractor hoods and panels, lawn mower decks, large structural parts, etc.

**New! Accu-Rated™ 11,000\* watts of usable peak power** cranks out enough power for most applications: job site, farm/ranch, or home.

\*225 models: Kohler = 10,500 W, Subaru = 11,000 W

## Toughest Welders...

**CASE CLOSED**

**Improved!**

**More Generator Power!**



Bobcat 250 (gas model) shown

More horsepower — 23 HP Subaru or 23 HP Gas/25 HP LP Kohler® provides more power for demanding weld and generator loads. More guts, more glory!

### Meter maintenance displays.

- Hour meter function
- Oil change interval
- Diesel: High coolant temperature and low oil pressure shutdowns
- Diesel: Low fuel shutdown — engine shuts down before system runs out of fuel, making restarts easy

Output stud and receptacle covers required by OSHA and CSA for job site safety.

### Bobcat 250 models only

See Upgrade Benefits on page 2 for more information.

The addition of the Bobcat's Tri-Cor™ Technology provides improved Stick arc performance with 7018 electrodes.

Front panel fuel and sight gauges provide convenient fuel level indication. *Note: Diesel engine will shut down before the system runs out of fuel making restarts easy.*



For truck installation information, visit [MillerWelds.com/truck](http://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

International Headquarters  
Phone: 920-735-4505  
USA FAX: 920-735-4134  
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International FAX: 920-735-4125

Web Site  
[www.MillerWelds.com](http://www.MillerWelds.com)



# Specifications (Subject to change without notice.)



Model	Welding Mode	Process	Amp/Volt Ranges	Weld Output Rated at 100% Duty Cycle (at 104°F/40°C)*	Single-Phase Generator Power	Sound Levels at Rated Output, 7 m (23 ft)	Dimensions	Net Weight***
Bobcat 225	CV/DC	MIG/FCAW	19–28 V	200 A at 20 V	<b>Peak:</b> 10,500 watts** <b>Continuous:</b> 9,500 watts 120/240 VAC, 84/42 A, 60 Hz	75.5 dB (100.5 Lwa)	H: 28 in (711 mm) H: 33 in (838 mm) to top of exhaust W: 20 in (508 mm) D: 45-1/2 in (1156 mm)	530 lb (240 kg)
	CC/DC	Stick/TIG	50–210 A	210 A at 25 V				
	CC/AC	Stick/TIG	50–225 A	225 A at 25 V				
Bobcat 250	CV/DC	MIG/FCAW	17–28 V	250 A at 28 V (275 A at 25 V, 60% Duty Cycle)	<b>Peak:</b> 11,000 watts <b>Continuous:</b> 9,500 watts 120/240 VAC, 88/44 A, 60 Hz	<b>Kohler:</b> 75.5 dB (100.5 Lwa) <b>Subaru:</b> 76.5 dB (101.5 Lwa) <b>Kubota:</b> 80.5 dB (105.5 Lwa)	<b>Gas/LP Model:</b> H: 28 in (711 mm) H: 33 in (838 mm) to top of exhaust W: 20 in (508 mm) D: 45-1/2 in (1156 mm) <b>Diesel Model:</b> H: 30 in (762 mm) H: 34-1/4 in (870 mm) to top of exhaust W: 20 in (508 mm) D: 52 in (1321 mm)	<b>Gas/LP Model:</b> 556 lb (252 kg) <b>Diesel Model:</b> 700 lb (318 kg)
	CC/DC	Stick/TIG	40–250 A	250 A at 25 V				
	CC/AC	TIG/Stick	40–250 A	250 A at 25 V				

**Note: Derate outputs up to 5% when using LP fuel.** Certified to both Canadian and U.S. Standards for welding equipment available. See ordering information on back.

\*Rated at sea level. \*\*225 models: Kohler = 10,500 W, Subaru = 11,000 W

\*\*\*Net weight without fuel.

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

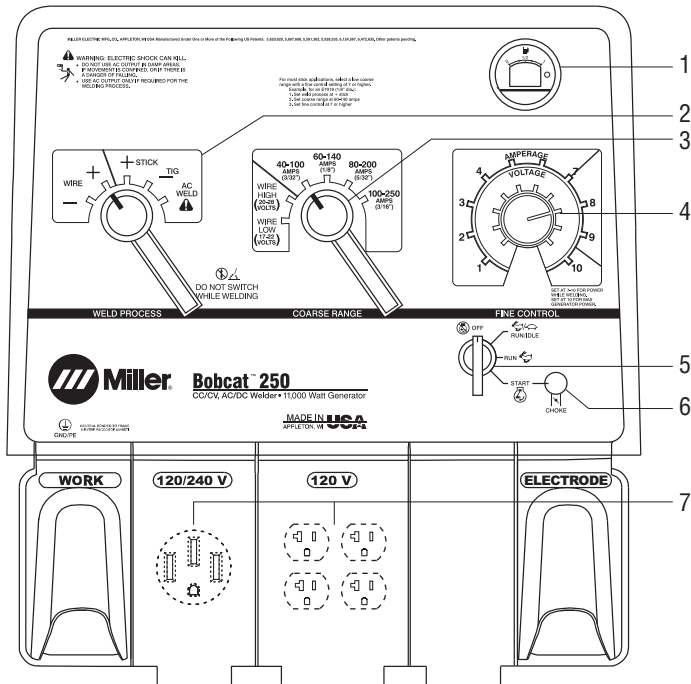
Engine Brand/Warranty	Horsepower (HP)	Type	Weld Speed	Idle Speed	Fuel Capacity	Oil Capacity	Standard Shutdowns
Kohler: 3-year mfg.	23 HP (gas), 25 HP (LP) at 3600 RPM	Twin-cylinder, 4-cycle overhead valve, industrial air-cooled, gasoline or LP	3600 RPM	2300 RPM	12 gal (45 L)	1.75 qt (1.7 L), 2 qt (1.9 L) with filter	Low Oil Pressure
Subaru: 3-year mfg.	23 HP at 3600 RPM	Twin-cylinder, 4-cycle overhead valve, industrial air-cooled, gasoline	3600 RPM	2300 RPM	12 gal (45 L)	1.6 qt (1.5 L), 1.8 qt (1.75 L) with filter	Low Oil Pressure
Kubota: 2-year limited North American mfg.	19 HP at 3600 RPM	3-cylinder, industrial liquid-cooled, diesel	3600 RPM	2450 RPM	12 gal (45 L)	3.4 qt (3.2 L)	Low Oil Pressure/ High Coolant Temperature/Low Fuel

## Upgrade Benefits

Why Upgrade?	Bobcat 225		Bobcat 250	Bobcat 250 Benefits
DC Stick/TIG Output	50–210 A	<b>Upgrade</b>	40–250 A	19% more output
AC Stick/TIG Output	50–225 A	<b>Upgrade</b>	40–250 A	11% more output
Stick/TIG Ranges	3	<b>Upgrade</b>	4	Ranges match more electrode diameters
Wire Output	19–28 V, up to 200 A	<b>Upgrade</b>	17–28 V, up to 275 A	75% more output
Generator Power	10,500 peak	<b>Upgrade</b>	11,000 watts peak	500 watts more power
Front Panel Fuel Gauge	NO, sight gauges	<b>Upgrade</b>	YES, and sight gauges	Easy to read fuel level
<b>Weld Performance</b>				
Stick Performance	GOOD/VERY GOOD	<b>Upgrade</b>	VERY GOOD	Tri-Cor stabilizer improves Stick arc
Flux Cored Performance	GOOD	<b>Upgrade</b>	VERY GOOD	Easier to make good weld

Why buy a GAS or DIESEL Engine?	Gas Advantages	Diesel Advantages
	<ul style="list-style-type: none"> <li>• Lower product cost</li> <li>• Less weight</li> <li>• Smaller size</li> <li>• Easier cold weather starting</li> <li>• Less expensive engine repairs</li> <li>• Better engine warranties</li> <li>• Gas costs less than diesel fuel</li> </ul>	<ul style="list-style-type: none"> <li>• Uses 20–35% less fuel</li> <li>• 1-1/2 to 2 times the engine life</li> <li>• Required on some job sites</li> </ul>

# Function Guide



- 1. Maintenance Displays** provide engine hours and oil change interval information. Diesel model adds high coolant temperature and low oil pressure shutdowns.
- 2. Weld Process Selector Switch** makes choosing between Stick, Wire and TIG processes easy. Switch also automatically changes polarity with process selection to make sure the machine is easy to set with little effort or knowledge.
- 3. Coarse Range Control**  
**225 Model** — Three Stick/TIG and one Wire range are available for output control. Stick/TIG ranges are designed to electrode diameters (3/32, 1/8 and 5/32 in) making these models **very easy to set**.  
**250 Model** — Four Stick/TIG and two Wire ranges are available for output control. Stick/TIG ranges are designed to electrode diameters (3/32, 1/8, 5/32 and 3/16 in) making these models **very easy to set**.
- 4. Fine Adjust Control** makes it easy to fine tune amperage within a coarse range. Set control above 7 for best power while welding and to 10 for generator-only use.
- 5. Engine Control Switch** is used to start the engine and then select between Auto Idle and High Speed Lock. Diesel model can be locked in idle for low-speed starting.
- 6. Engine Choke Control** (Gas/LP models) is used for easy engine starting.  
**Glow Plugs** (Diesel model) assist in cold weather starting.
- 7. 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.*

# Rated #1 in Reliability

## The Bobcat Competitive Advantage

### Make deadlines, not excuses.

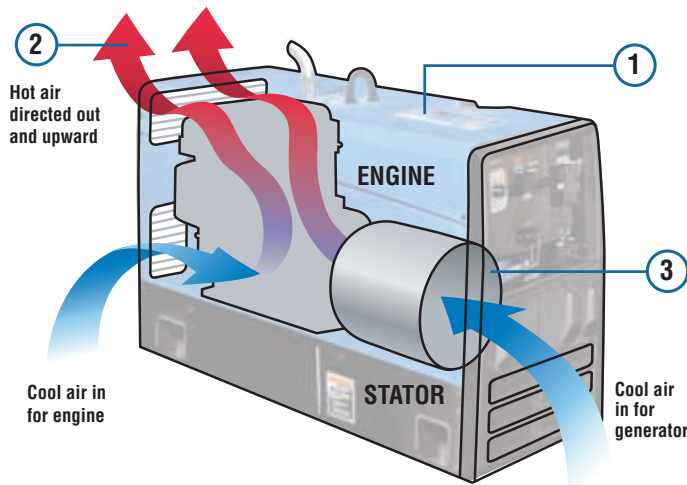
- 68% of service technicians, managers and owners, recommend the Bobcat over the competition.



Technician Recommendations

- 98% of current owners are “satisfied to very satisfied” with the Bobcat\*.

\*Based on an independent survey of thousands of Bobcat owners.



Directed airflow improves cooling for long engine and component life.

- 1 The fully enclosed case design virtually eliminates hot air recirculation when machine is mounted in tight spots.
- 2 Louver-directed air flow keeps the temperature of internal parts cool for maximum performance and extended life.
- 3 Patented self-cooling stator barrel completely encloses and protects its generator from the dirtiest and harshest environments.



All ratings are tested at 104° F (40° C) to maintain tough work schedules, even in hot weather.

# The Bobcat Generator Power Advantage



## Accu-Rated™ – Not Inflated Generator Power

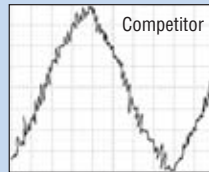
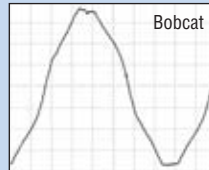
Miller's Accu-Rated™ 11,000\* watts of *usable* peak power is delivered for a minimum of 30 seconds. Accu-Rated means peak power is usable for maximum generator loads such as plasma cutting, Millermetics and motor starting. Accu-Rated peak power beats the competition's very short-duration peak or surge power. Use your peak power, it's more than a number.

\*225 models: Kohler = 10,500 W, Subaru = 11,000 W  
250 models: Kohler and Kubota = 11,000 W, Subaru = 10,500 W



## Smooth Power – Not Spike Power

Revolutionary ten-degree skewed-rotor design optimizes generator performance for smoother power—not spiked power found with other brands. Better power—better performance.



Waveform Comparison

## TYPICAL EQUIPMENT POWER USAGE

Bobcats will easily start and run the following equipment:

Equipment	Starting Watts	Running Watts
Barn Cleaner (5 HP)	11,600	3000
Silo Unloader (5 HP)	12,200	4300
Portable Conveyor (1/2 HP)	3400	1000
Milker (5 HP)	10,500	2800
Hand Drill (1/2 inch)	600	600
Circular Saw (8-1/4 inch)	1400	1400
Air Compressor (1-1/2 HP)	8200	2200
Flood Lights (Vapor)	1250	1000
Refrigerator/Freezer	2200	700
Sump Pump	1300	800
Millermatic® 212 MIG Welder (30–210, 230 V)	6500	6500
Spectrum® 625 (30 A, 230 V, 1/2 in cut)	6900	6900

To select a generator that has enough power output in watts, add the watts for the items you want to simultaneously run. Tools and appliances with induction motors may require 3–7 times the listed wattage when starting. All data listed is approximate—check your tool/appliance for specific wattage requirements.

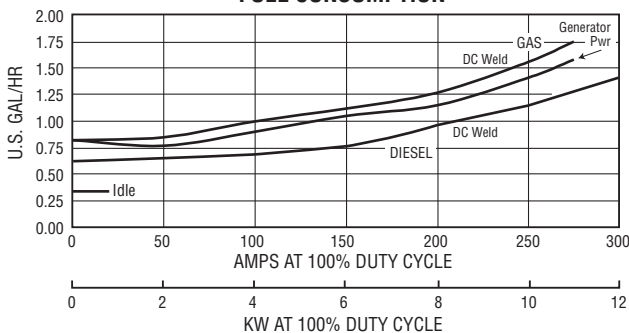
## SIMULTANEOUS WELDING AND POWER

Weld Current in Amperes	Total Power in Watts	120 V Full kVA Receptacle Amperes	240 V Full kVA Receptacle Amperes
0	11,000	88*	44*
90	8000	66*	33
125	5200	43*	21
180	3500	29*	14
250	2200	18	9

For example, if you're welding at 125 amps you also have 5200 watts available for powering lights or tools (either 43 amps from the 120 volt full kVA receptacle or 21 amps from the 240 volt full kVA receptacle).

\*50 A, 120/240 VAC receptacle. See Owner's Manual for additional information.

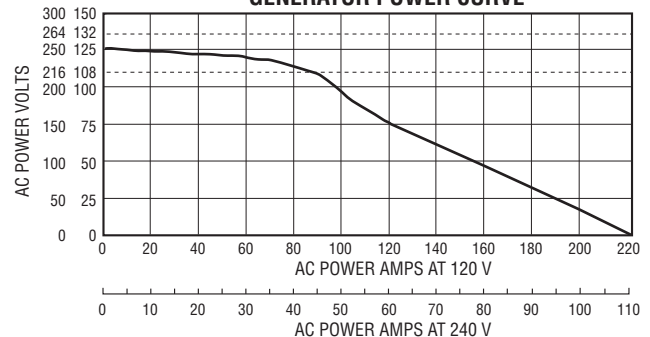
## FUEL CONSUMPTION



## FUEL CONSUMPTION DATA

- 12-gallon fuel capacity.
- On a typical job using 1/8-in 7018 electrodes (125 A, 20% duty cycle) expect about 20 hrs (gas) or 24 hrs (diesel) of operation.
- Welding at 150 A, 40% duty cycle uses approximately: 3/4 gallon per hour—about 16 hrs of operation (gas) or 1/2 gallon per hour—about 20 hrs of operation (diesel).
- Under a continuous load of 4000 watts of generator power, the Bobcat would run for about 14 hrs (gas) or about 17 hrs of operation (diesel).

## GENERATOR POWER CURVE



Tools and motors are designed to operate within 10% of 120/240 VAC. The Bobcat's power generator provides strong power while keeping the voltage within 10% of 120/240 VAC. **This increases tool/motor performance and life.**

## Genuine Miller Options

\*Available as factory option. See ordering information on back page.

**GFCI Protection\* #195 496** 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).

### LP Gas\*

Liquid withdrawal with vaporizer and regulator. Does not include tanks, brackets, or hose from tank to regulator.

*Note: Requires LP Tank Mounting Assembly #195 329.*

**Electric Fuel Pump\* #195 214** Field  
For gas models at high altitude. Improves engine starting and high-output performance.

### Battery Charger\*

Built-in system for industrial battery charging. Charges 12, 24 and 36 V batteries while not welding or using generator power.

*Note: AC weld output not available with this option.*



**FA-7.5 Flame Arrestor Fuel Cap** (Gasoline Red)  
**#042 632** Field  
Lockable for added protection.

**Spark Arrestor #043 579** Field  
Mandatory when operating on California grasslands, brush or forest-covered land, and all National Forests. For other areas, check your state and local laws.



**Remote Oil Drain/Filter Kits**

**Rear Mounted (shown) #300 106** Field. For Kohler  
**#300 417** Field. For Subaru  
Oil can be drained from rear of machine.  
**Front/Chassis Truck Mounted #300 236** Field. For Kohler  
**#300 418** Field. For Subaru  
Oil can be drained from the front of the machine or below the truck, mounted on the chassis.

Makes servicing easy when engine drive is mounted in tight spots.



Female Receptacle

**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.*

### Engine Tune-Up Kits

**#230 015** Field. Kohler CH23 (Gas)  
**#180 096** Field. Kohler CH20 (LP) and CH730 (LP)  
**#199 062** Field. Subaru EH 65  
**#206 421** Field. Kubota D722  
Tune-up kits include spark plugs (Gas/LP models) and engine filters.

**TIG Adapter with Extension #195 350** Field  
Extension with Power Cable Adapter 45V11. Required for scratch start TIG welding with Bobcats.

## Genuine Miller Accessories



**All-Purpose Running Gear #300 396** Gas/LP, with inner tubes  
**#300 477** Gas/LP, with **Never Flat™** tires

Includes two heavy-duty 15 in tires, two 8 in rubber swivel casters and a heavy-duty handle. Recommended for all surfaces and applications, and is easy to move around the job site.

### All-Terrain Running Gear LX

**#300 457** Gas, with inner tubes  
**#300 492** Gas, with **Never Flat™** tires

Two heavy-duty 15 in and two 10 in pneumatic tires with inner tubes and a rugged handle provide maximum maneuverability.

*Note: Cannot be used with Gas Cylinder Mounting Assembly or LP Tank Mounting Assembly.*



**All-Purpose Running Gear with Protective Cage #300 428** Gas/LP with inner tubes  
**#300 478** Gas/LP, with **Never Flat™** tires

Rugged cage with cable holders protects your investment and is easy to move around flat surfaces.

### All-Terrain LX Running Gear with Protective Cage

**#300 458** Gas, with inner tubes  
**#300 493** Gas, with **Never Flat™** tires  
Rugged cage with cable holders protects your investment and is easy to move around the jobsite.

*Note: Cannot be used with Gas Cylinder Mounting Assembly or LP Tank Mounting Assembly.*



**Protective Cage with Cable Holders #195 331** Gas/LP  
**#300 052** Diesel  
Rugged cage with cable holders protects your

investment. Can be used with running gear, Gas Cylinder Mounting Assembly, LP Tank Mounting Assembly, or with trailer.



**Gas Cylinder Mounting Assembly #195 330** Gas/Diesel  
Designed for use with All-Purpose Running Gear, Protective Cage, or by itself. Includes

base tray with bottle bracket, vertical support rack and safety chain.

*Note: Cannot be used with LP Tank Mounting Assembly or All-Terrain Running Gears.*



**LP Tank Mounting Assembly #195 329** LP  
Designed for use with All-Purpose Running Gear, Protective Cage, or by itself. Includes

bracket and clamp to mount 33 and 43 lb tanks horizontally, and hose with fittings to converter.

*Note: Cannot be used with Gas Cylinder Mounting Assembly or All-Terrain Running Gears.*

## Protective Covers

Heavy-duty, water-resistant and mildew-resistant covers protect and maintain the finish of the welder.



#195 333 shown

**#195 333**  
For Gas models **without** Protective Cage or Running Gear.

**#195 529**  
For Gas models **with** Protective Cage and/or Running Gear.



**#195 334**  
For Diesel model **without** Protective Cage or Running Gear.

## Plasma Cutting



**Spectrum® 375 X-TREME™ #907 303**  
**Spectrum® 375 X-TREME™ with X-CASE™ #907 339** (not shown)  
See Lit. Index No. PC/9.2.

**Spectrum® 625 #907 058**  
See Lit. Index No. PC/9.5.

**Spectrum 2050 #903 777-01-2**  
See Lit. Index No. PC/7.0.

## MIG/Flux Cored Welding



Millermatic 180 Auto-Set and 212 shown.

Note: The following Millermatic machines can be operated utilizing generator power.

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® 212 #907 323**  
See Lit. Index No. DC/12.46

**Millermatic® DVI2™ #907 324**  
See Lit. Index No. DC/12.52



**SuitCase® X-TREME™ 8VS Wire Feeder #300 093**  
**SuitCase® X-TREME™ 12VS Wire Feeder #195 500**

Lightweight, portable, voltage-sensing wire feeders include secondary contactor and gas valve. Require drive roll kit. See Lit. Index No. M/6.41.



**Spoolmatic® 30A Spool Gun #130 831**  
Rated 200 amps at 100% duty cycle.

Air-cooled, 1-lb spool gun for aluminum MIG. Includes 30 ft (9.1 m) cable assembly. See Lit. Index No. M/1.73. WC-115A required for hookup.

**WC-115A Control #137 546-01-1**  
With contactor. Use with Spoolmatic 30A.



**Spoolmate™ 3035 Spool Gun #195 016**  
Use with SGA 100C Control and Heavy-Duty Barrel. Spool gun

for aluminum and other wires. 4 in spools; .023–.035 in (0.6–0.9 mm) aluminum, steel and stainless steel. Rated at 150 amps, 60% duty cycle with 20 ft (6 m) cable assembly.

**SGA 100C Control #043 857**  
SGA with contactor required to connect Spoolmate 3035 to CV engine drive. Includes 10 ft (3 m) 115 VAC power cable and plug, 6 ft (1.8 m) interconnecting cable, and 5 ft (1.5 m) gas hose.

**Heavy-Duty Barrel for Spoolmate™ 3035 #195 375**  
Use for demanding applications, rated at 200 A, 60% duty cycle.

## TIG (GTAW) Welding



**Dynasty® 200 Series**  
For premium portable AC/DC TIG arc quality. See Lit. Index No. AD/4.8.



**HF-251 Series #042 388**  
HF-251D-1, 115 VAC  
High-frequency arc starter and stabilizer. See Accessory Lit. Index No. AY/5.0. Requires Secondary Contactor.

**Secondary Contactor #041 969** Field Required to use HF-251D-1.

## Trailers and Hitches



**HWY-1000 Trailer #195 013**

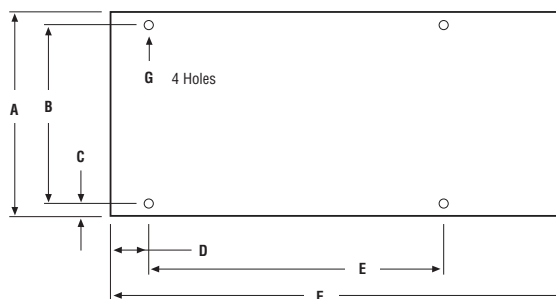
A 1000 lb (454 kg) capacity highway trailer with welded steel tubing frame, heavy-duty axle with roller bearing hubs and leaf-spring suspension. The HWY-1000 comes with jack stand, 2 in (50 mm) ball hitch, fenders and lights.

Note: Trailer is shipped unassembled.

**Cable Tree #195 023**  
Provides an area to conveniently wrap weld cables and extension cords on the HWY-1000 trailer.

**Lunette Eye 2-1/2 in (64 mm) #043 824**

## Mounting Specifications



- A. 20 in (508 mm)
- B. 16-1/2 in (419 mm)
- C. 1-3/4 in (44 mm)
- D. 6-1/16 in (154 mm)
- E. 32-3/4 in (832 mm)
- F. 45-3/8 in (1153 mm) (Gas)  
52 in (1321 mm) (Diesel)
- G. 13/32 in (10 mm) diameter

**Height:** (to top of exhaust)  
33 in (838 mm) (Gas)  
34-1/4 in (870 mm) (Diesel)

**Width:** 20 in (508 mm)  
**Depth:** 45-7/8 in (1164 mm) (Gas)  
52-1/2 in (1334 mm) (Diesel)

# Typical Installations for Bobcat 250



## Stick (SMAW) Basic Equipment

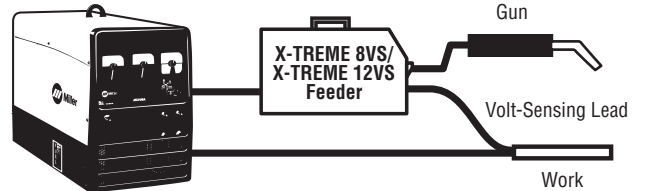
- Four-position range switch provides fine amperage control for typical electrode diameters (3/32, 1/8, 5/32 and 3/16 in).
- AC weld output for good arc quality with iron powder electrodes without fighting magnetic arc blow.
- Strong auxiliary power while welding — for example, if you are welding at 250 amps the Bobcat delivers 2200 watts of power to run tools, lights etc.



## Flux-Cored (FCAW) Basic Equipment

SuitCase® X-TREME™ 8VS #300 093  
 SuitCase® X-TREME™ 12VS #195 500

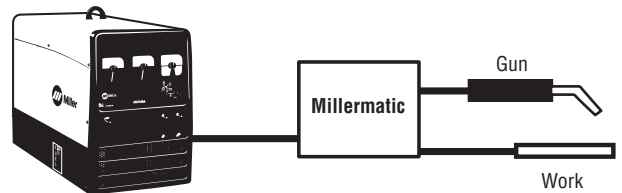
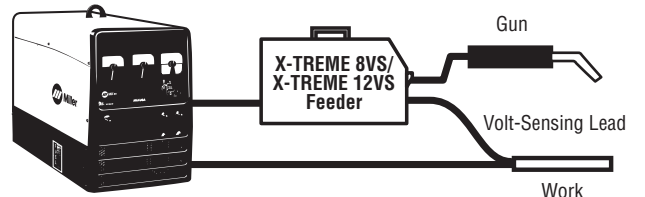
- 275 amps at 25 volts, 60% duty cycle (250 amps at 28 volts, 100% duty cycle). Strong output allows higher travel speeds and deposition rates than competitive machines.
- High voltage output ratings (28 volts at 250 amps) help to compensate for voltage drop across long weld cables.



## MIG (GMAW) Basic Equipment

SuitCase® X-TREME™ 8VS #300 093  
 SuitCase® X-TREME™ 12VS #195 500  
 Millermatic® 140 Auto-Set™ #907 335  
 Millermatic® 180 Auto-Set™ #907 312  
 Millermatic® 212 #907 323  
 Millermatic® DVI<sub>2</sub>™ #907 324

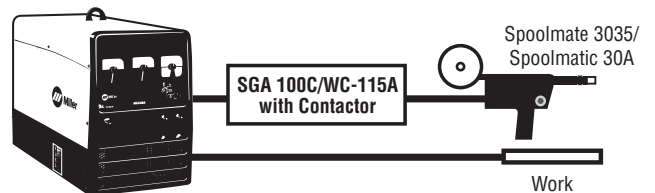
- Use .035 in solid wire with 75/25 argon mixed gas for welding down to 16 gauge steel.
- Use .045 solid wire with a minimum of 80% argon gas for spray transfer on 1/8 in and thicker material (flat and horizontal position).
- Millermatic machines utilize generator power.



## Aluminum MIG (GMAW) Basic Equipment

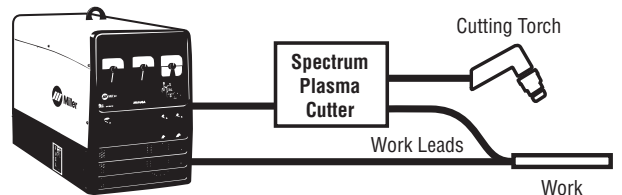
Spoolmate™ 3035 #195 016  
 SGA 100C #043 857  
 Spoolmatic® 30A #130 831  
 WC-115A Control #137 546-01-1

- Excellent results from 1/8–1/2 in thick fillet welds.



## Plasma Basic Equipment

- Spectrum® machines utilize generator power.
- Quality cuts with an optional Spectrum® plasma cutter.
- Replace heavy oxy-fuel cylinders with a lightweight, fast and versatile Spectrum® plasma cutter.
- Most plasma units require a separate air source.

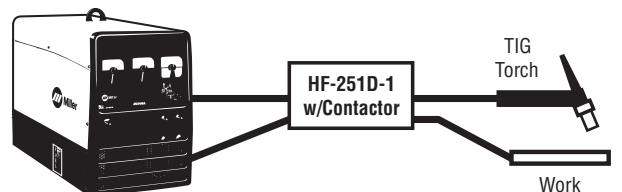


## TIG (GTAW) Basic Equipment

TIG Adapter w/Extension #195 350  
 • Required for Scratch Start TIG welding

Dynasty® 200 Series  
 HF251D-1 #042 388  
 Secondary Contactor #041 969  
 RMLS-14 Switch #129 337

- Excellent DC TIG capabilities
- Non-critical AC TIG welding (no remote amperage control available on the Bobcat)



# Ordering Information

Equipment and Options	Stock No.	Description	Qty.	Price
<b>Bobcat™ 225</b> (23 HP Kohler)	#907 209	Base machine, CC/CV, AC/DC 10,500 watts		
	#907 209-01-1	With GFCI Receptacles		
	#907 209-01-3	With CSA Approval		
	#907 209-01-4	With No Battery		
<b>Bobcat™ 225</b> (23 HP Subaru)	#907 210	Base machine, CC/CV, AC/DC 11,000 watts		
	#907 210-01-1	With GFCI Receptacles		
	#907 210-01-2	With CSA Approval		
<b>Bobcat™ 250</b> (23 HP Gas, 25 HP LP Kohler)	#907 211	Base machine, CC/CV, AC/DC 11,000 watts		
	#907 211-01-1	With GFCI Receptacles		
	#907 211-01-3	With CSA Approval		
	#907 211-01-4	With Electric Fuel Pump for High Altitude		
	#907 211-01-8	With No Battery		
	#907 211-02-1	With Battery Charger and GFCI Receptacles		
<b>Bobcat™ 250</b> (23 HP Subaru)	#907 212	Base machine, CC/CV, AC/DC 11,000 watts		
	#907 212-01-1	With GFCI Receptacles		
	#907 212-01-3	With CSA Approval		
	#907 212-01-4	With Electric Fuel Pump for High Altitude		
	#907 212-01-5	With No Battery		
<b>Bobcat™ 250 Diesel</b> (19 HP Kubota)	#907 213	Base machine, CC/CV, AC/DC 11,000 watts		
	#907 213-01-1	With GFCI Receptacles		
	#907 213-02-1	With Battery Charger and GFCI Receptacles		
	#907 213-01-3	With No Battery (International)		
GFCI Protection	#195 496	Field		
Electric Fuel Pump	#195 214	Field. For gas models at high altitude		
Flame Arrestor Fuel Cap	#042 632	Field. Gas models		
Spark Arrestor	#043 579	Field		
Remote Oil Drain and Filter Kit		Field. See page 5		
Adapter Cord, Full KVA	#300 158	Field		
Full KVA Plug	#119 172	Field		
Engine Tune-Up Kits		Field. See page 5		
TIG Adapter with Extension	#195 350	Field. Required for Scratch Start TIG welding w/Bobcats. (Order from Miller Service Parts)		
<b>Accessories</b>				
All-Purpose Running Gear	#300 396	Gas/LP models, with inner tubes		
	#300 477	Gas/LP models, with <b>Never Flat™</b> tires		
All-Terrain Running Gear LX	#300 457	Gas models, with inner tubes. <i>Not for use with Gas Cylinder or LP Tank Mounting Assemblies</i>		
	#300 492	Gas models, with <b>Never Flat™</b> tires. <i>Not for use w/Gas Cylinder or LP Tank Mounting Assemblies</i>		
All-Purpose Running Gear with Protective Cage	#300 428	Gas/LP models, with inner tubes		
	#300 478	Gas/LP models, with <b>Never Flat™</b> tires		
All-Terrain Running Gear LX with Protective Cage	#300 458	Gas models, with inner tubes. <i>Not for use w/Gas Cylinder or LP Tank Mounting Assemblies</i>		
	#300 493	Gas models, with <b>Never Flat™</b> tires.		
Protective Cage with Cable Holders	#195 331	Gas/LP models		
	#300 052	Diesel model		
Gas Cylinder Mounting Assembly	#195 330	Gas/Diesel models. <i>Not for use with LP Tank Mounting Assembly or All-Terrain RGs</i>		
LP Tank Mounting Assembly	#195 329	LP models. <i>Not for use with Gas Cylinder Mounting Assembly or All-Terrain RGs</i>		
Protective Covers	#195 333	Gas models. Blue w/logo. <i>Not for use with protective cage or running gear</i>		
	#195 529	Gas models. Blue w/logo. <b>For use with protective cage and/or running gear</b>		
	#195 334	Diesel model. Blue w/logo. <i>Not for use with protective cage or running gear</i>		
Spectrum® Plasma Cutters		See page 6		
Millermatic® Series MIG Welders		See page 6		
SuitCase® Portable Wire Feeders		See page 6		
Spoolmatic® 30A Spool Gun	#130 831	Requires WC-115A Control. See Lit. Index No. M/1.73		
WC-115A Control	#137 546-01-1	See Lit. Index No. M/1.5		
Spoolmate™ 3035 Spool Gun	#195 016	Requires SGA 100C Control. See Lit. Index No. M/1.5		
SGA 100C Control	#043 857	See Lit. Index No. M/1.5		
Heavy-Duty Barrel for Spoolmate™ 3035	#195 375			
Dynasty® 200 Series TIG Welders		See Lit. Index No. AD/4.8		
HF-251D-1	#042 388	115 VAC. Requires Secondary Contactor		
Secondary Contactor	#041 969			
HWY -1000 Trailer	#195 013			
Cable Tree	#195 023			
Lunette Eye 2-1/2 in (64 mm)	#043 824			

Date:

Total Quoted Price:

Distributed by:

