For farm and ranch owners in need of single- and three-phase power. Designed to run 480-volt three-phase pivot irrigation systems or to provide backup power for home, farm and ranch.

**Quick Specs**

**Applications**
- Generator power for:
  - Farm or home backup
  - Pivot irrigation systems
  - Pumps
  - Conveyors

**Welding**
- Farm equipment repair
- General maintenance
- Fabrication

**Processes**
- Stick (SMAW)
- MIG (GMAW)
- Flux-cored (FCAW)
- DC TIG (GTAW)
- Non-critical AC TIG (GTAW)
- Air plasma cutting and gouging with optional Spectrum models

**Output Range**
- Stick/TIG: 40 – 225 A
- MIG/flux-cored (CV): 19 – 28 V

**Generator Power Output**
- Rated at 104°F (40°C)
- 3-Phase: 11,000 watts peak, 10,000 watts continuous
- 1-Phase: 11,000 watts peak, 9,500 watts continuous

**Net Weight**
- 495 lb. (225 kg)

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**Quieter and better sound** compared to previous model. Significant improvements in sound level and quality offer better jobsite communication, which provides a safer, more efficient working environment for you and your crew. Bobcat welder/generators have rotated the engine toward the front to create more efficient airflow, resulting in significantly quieter operation. Now you can start your job earlier in the day and end it later, as well as work around hospitals, businesses, and residential areas.

**Smaller and lighter design** compared to previous model. Bobcat welder/generators take up less space on trucks and trailers — leaving more room on your truck for other equipment and tools. Plus, they’re easier to move safely around jobsites — even with weld cables and running gear attached.

**Easier maintenance** compared to previous model. With its intuitive design, the daily maintenance of our Bobcat welder/generators is faster and easier. With front panel maintenance displays, you know when your equipment needs to be serviced. And servicing is simple because of:
- Oil checks that can be performed from the top by the front panel
- Toolless panels that allow for quick access
- Single-side fuel fill and oil drain/filter

**For farm and ranch owners in need of single- and three-phase power.**

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

**Welder/generator is warranted for three years, parts and labor.**

**Engine is warranted separately by the engine manufacturer.**

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**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](http://MillerWelds.com)
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 three to seven times the listed wattage when starting. All data listed is approximate — check your tool/appliance for specific wattage requirements.

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Starting Watts</th>
<th>Running Watts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barn Cleaner (5 hp)</td>
<td>11,600</td>
<td>3,000</td>
</tr>
<tr>
<td>Silo Unloader (5 hp)</td>
<td>12,200</td>
<td>4,300</td>
</tr>
<tr>
<td>Portable Conveyor (1/2 hp)</td>
<td>3,400</td>
<td>1,000</td>
</tr>
<tr>
<td>Milker (5 hp)</td>
<td>10,500</td>
<td>2,800</td>
</tr>
<tr>
<td>Hand Drill (1/2 inch)</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>Circular Saw (8-1/4 inch)</td>
<td>1,400</td>
<td>1,400</td>
</tr>
<tr>
<td>Air Compressor (1-1/2 hp)</td>
<td>8,200</td>
<td>2,200</td>
</tr>
<tr>
<td>Flood Lights (Vapor)</td>
<td>1,250</td>
<td>1,000</td>
</tr>
<tr>
<td>Refrigerator/Freezer</td>
<td>2,200</td>
<td>700</td>
</tr>
<tr>
<td>Sump Pump</td>
<td>1,300</td>
<td>800</td>
</tr>
<tr>
<td>Millermatic® 212 Auto-Set™ MIG Welder (230 V)</td>
<td>6,500</td>
<td>6,500</td>
</tr>
<tr>
<td>Spectrum® 625 X-TREME™ (30 A, 230 V, 1/2-inch cut)</td>
<td>6,900</td>
<td>6,900</td>
</tr>
</tbody>
</table>

Accu-Rated™ — not inflated generator power
Our 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, Millermatic® MIG welders 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.

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.

Reversed generator flow
Exclusive engine and generator packaging design operates cooler and more efficiently. The engine is rotated towards the front to create more efficient airflow. More efficient airflow and exclusive engine location are significant contributors to reduced sound level and size reduction. Hot air recirculation is eliminated when machine is mounted in tight spots, and internal parts are kept cool for optimal performance.

Tools and motors are designed to operate within 10 percent of 120/240 V. The power generator of the Bobcat provides strong power while keeping the voltage within 10 percent of 120/240 V. This increases tool/motor performance and life.
Specifications (Subject to change without notice.)

<table>
<thead>
<tr>
<th>Welding Mode</th>
<th>Process</th>
<th>Amp/Volt Ranges</th>
<th>Rated Output at 100% Duty Cycle (at 104°F/40°C)*</th>
<th>Generator Power</th>
<th>Sound Levels at Max. Load at 150 Amps</th>
<th>Dimensions</th>
<th>Net Weight**</th>
</tr>
</thead>
<tbody>
<tr>
<td>CC/AC</td>
<td>Stick/TIG</td>
<td>40–225 A</td>
<td>200 A at 25 V</td>
<td>Single-phase: Peak 11,000 watts Continuous: 9,500 watts 120/240 V, 84/42 A</td>
<td>73.5 dB/72 dB</td>
<td>H: 28 in. (711 mm)</td>
<td>495 lb. (225 kg)</td>
</tr>
<tr>
<td>CC/DC</td>
<td>Stick/TIG</td>
<td>40–210 A</td>
<td>210 A at 25 V</td>
<td></td>
<td></td>
<td>W: 20 in. (508 mm)</td>
<td></td>
</tr>
<tr>
<td>CV/DC</td>
<td>MIG/FCAW</td>
<td>19–28 V</td>
<td>200 A at 20 V</td>
<td>Three-phase: Peak 11,000 watts Continuous: 10,000 watts 480 V, 13 A</td>
<td></td>
<td>D: 40.5 in. (1,029 mm)</td>
<td></td>
</tr>
</tbody>
</table>

*Rated at sea level. **Net weight without fuel. Certified by Canadian Standards Association to both the Canadian and U.S. Standards.

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

<table>
<thead>
<tr>
<th>Engine Brand and Warranty</th>
<th>Horsepower (HP)</th>
<th>Type</th>
<th>Weld Speed</th>
<th>Idle Speed</th>
<th>Fuel Capacity</th>
<th>Oil Capacity</th>
<th>Standard Shutdowns</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kohler CH730, 3-year warranty</td>
<td>23.5 hp at 3,600 rpm</td>
<td>Twin-cylinder, four-cycle overhead valve, industrial air-cooled, gasoline*</td>
<td>3,600 rpm</td>
<td>2,300 rpm</td>
<td>12 gal. (45 L)</td>
<td>1.5 qt. (1.4 L)</td>
<td>Low oil pressure</td>
</tr>
</tbody>
</table>

*Fuel stabilizer is recommended for gas engines that are used infrequently.

Performance Data

Fuel Consumption Data
- 12-gallon fuel capacity.
- On a typical job using 1/8-inch 7018 electrodes (125 A, 20% duty cycle) expect about 20 hours of operation.
- Welding at 150 A, 40% duty cycle uses approximately 3/4 gallon per hour — about 16 hours of operation.
- Under a continuous load of 4,000 watts of generator power, the Bobcat would run for about 14 hours of operation.

Mounting Specifications

Function and Benefit Guide

1. Maintenance display provides fuel level, engine hours and oil change interval information.
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. 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 inch) 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 positions.
6. Engine choke control is used for easy engine starting.
7. 120/240 V receptacle with circuit breaker.
   (For matching plug, order 119172.)
8. 480 V receptacle with circuit breaker.
   (For matching plug, order 165963.)
9. 120 V GFCI receptacles with circuit breakers.
Genuine Miller® Accessories  (For additional options and accessories, see Bobcat literature ED/4.4)

GFCI Receptacles  300975  Field
Kit contains two GFCI 120 V duplex receptacles.

Electric Fuel Pump  300976  Field
Recommended for gas engine operations at altitudes above 5,000 feet. Improves engine starting and high-output performance.

Spark Arrestor  300924  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.

Full KVA Adapter Cord  300517  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  119172  Field
120/240 V, 50 A plug (NEMA 14-50P) to fit full KVA receptacle.

Full KVA 3-Phase Plug  165963  Field
480 V, 30 A plug (NEMA L16-30P) to fit 3-phase receptacle.

Engine Tune-Up Kit  230015  Field
Includes spark plugs and engine filters. Order from Miller Service Parts.

SuitCase® X-TREME® Wire Feeders
See literature M/6.42.

Dynasty® 210 Series TIG Welders
See literature AD/4.81.

Spectrum® Plasma Cutters

Never Flat™ Tires
Available on Bobcat and Trailblazer running gear.
- Eliminate costly jobsite downtime
- Maintain constant tire pressure and will not develop flats
- Protect against punctures
- Preserve maneuverability, even when weighed down with heavy welding cable

Multi-Terrain Running Gear
300913 w/inner tubes
300914 w/NevertFlat tires
Includes two heavy-duty 15-inch tires, two 8-inch rubber swivel casters and a heavy-duty handle. Recommended for all surfaces and applications.

Protective Cage with Cable Holders  300921
Rugged cage with cable holders protects your investment. Can be used with running gear, gas cylinder mounting assembly, or with trailer.

Protective Covers
300919 For models without protective cage or running gear (shown)
300920 For models with protective cage and/or running gear
Heavy-duty, water-resistant and mildew-resistant covers protect and maintain finish of the welder.

HWY-Mid Frame Trailer  301438
A 1,424-pound (646 kg) capacity highway trailer. Includes jack stand, fenders, lights, and dual hitch with 2-inch (50 mm) ball hitch and 3-inch (76 mm) lunette eye. Shipped unassembled.

Cable Tree  043826
Provides an area to conveniently wrap weld cables and extension cords.

2-In-1 Document/Fire Extinguisher Holder  301236
Stores documents and holds a five-pound fire extinguisher.

Ordering Information

<table>
<thead>
<tr>
<th>Equipment and Options</th>
<th>Stock No.</th>
<th>Description</th>
<th>Qty.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bobcat® 3 Phase</td>
<td>907505</td>
<td>Kohler engine with GFCI receptacles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GFCI Receptacles</td>
<td>300975</td>
<td>Field</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Electric Fuel Pump</td>
<td>300976</td>
<td>Field. Recommended for gas engine operations at altitudes above 5,000 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spark Arrestor</td>
<td>300924</td>
<td>Field</td>
<td></td>
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<tr>
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<td>Field</td>
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<td></td>
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<tr>
<td>Engine Tune-Up Kit</td>
<td>230015</td>
<td>Field. For Kohler CH 730. Order from Miller Service Parts</td>
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<td></td>
</tr>
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<td>See above</td>
<td></td>
<td></td>
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<tr>
<td>Plasma Cutting</td>
<td>See above</td>
<td></td>
<td></td>
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<tr>
<td>Accessories</td>
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<tr>
<td>Off-Road Running Gear</td>
<td>See above</td>
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<tr>
<td>Multi-Terrain Running Gear</td>
<td>See above</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Protective Cage w/Cable Holders</td>
<td>300921</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Protective Covers</td>
<td>See above</td>
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<td>See above</td>
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</table>

Date:  Total Quoted Price:  

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