**Bobcat™ 200 Air Pak™**

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<th>Quick Specs</th>
<th>Industrial Applications</th>
<th>Processes</th>
<th>Air Compressor</th>
<th>Battery Charge</th>
<th>Generator Power</th>
<th>Output Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Work/service trucks</td>
<td>DC stick (SMAW)</td>
<td>30 cfm at 175 psi, 100% duty cycle</td>
<td>12/24 V, 100 A</td>
<td>MIG (GMAW)</td>
<td>DC stick: 30–210 A</td>
</tr>
<tr>
<td></td>
<td>Maintenance</td>
<td>Flux-cored (FCAW)</td>
<td>8,000 watts peak</td>
<td></td>
<td>DC TIG (GTAW)</td>
<td>MIG/flux-cored: 15–25 V, 210 A</td>
</tr>
<tr>
<td></td>
<td>Repair</td>
<td>DC TIG (GTAW)</td>
<td>6,500 watts continuous</td>
<td></td>
<td></td>
<td>DC TIG: 30–210 A</td>
</tr>
<tr>
<td></td>
<td>Farm/ranch</td>
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<td></td>
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<tr>
<td></td>
<td>Mechanical contractors</td>
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</tbody>
</table>

**For work-truck operators looking to consolidate or improve reliability of their power equipment, the Bobcat 200 Air Pak is a quiet fuel-efficient all-in-one that maintains power capabilities in a compact lightweight footprint, and is backed by the industry-leading reliability and performance customers expect. Available in both gas and diesel models.**

- **Maximize available payload.** Reduce weight by up to 600 pounds and increase available payload by up to 24 cubic feet.
- **Reduce fuel consumption.** Minimize fuel costs by reducing truck engine idle time by as much as 75 percent or if you have a separate engine-driven compressor by only operating one engine.
- **Minimize operating costs.** Potentially save more than $50,000 over ten years from increased fuel efficiency, decreased maintenance costs, and increased asset life.
- **Professional appearance.** The components of the Bobcat 200 Air Pak are concealed within a durable environment-resistant precision-engineered enclosure.

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**Welder/generator/air compressor/battery charger is warranted for three years, parts and labor. Engine is warranted separately by the engine manufacturer.**

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International FAX: 920-735-4125

**MillerWelds.com**

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**TRUE BLUE® 3 YR WARRANTY**
**Bobcat® 200 Air Pak™ Features**

### Air compressor
The Bobcat 200 Air Pak features a 30-cfm rotary-screw compressor that can power virtually any air tool, including most 3/4-inch impact wrenches. The rotary-screw air compressor provides air on demand and is more reliable. It allows techs to complete tasks without having to stop to let the compressor recover, improving their productivity.

The Bobcat 200 Air Pak provides 20 cfm of air output at idle or 30 cfm at full speed.

### Battery charge/crank assist
The Bobcat 200 Air Pak produces up to 100 amps of DC current to quickly charge 12- and 24-volt batteries. Jobsite equipment with weak batteries can get up to 300 amps of crank assist.

### Auto-Speed™
Advanced Auto-Speed technology automatically adjusts engine speed to match weld and battery charge demands — reducing fuel consumption, maintenance costs and noise for safer, more efficient jobsites.

### Generator power
The Bobcat 200 Air Pak provides a 6,500-watt generator that can handle most jobsite electrical needs — electrical tools, lights, and more.

Two 120-volt duplex receptacles and one 120/240-volt receptacle provide 60 Hz current to support jobsite electrical tools, lights, and even high-demand applications like plasma cutters and TIG welders.

### Welder
The Bobcat 200 Air Pak provides multiprocess weld capabilities with 210 amps of output (100 amps while idling) so technicians are prepared for each welding job they encounter in the field. Inverter-based welding delivers a smooth, stable arc that’s forgiving of variations in arc length and travel speed, so it’s easier for technicians to produce clean welds and avoid the time and expense of rework.

### Testing
Ruggedly built and rigorously tested to ANSI and CSA standards, the Bobcat 200 Air Pak is proven to withstand high temperatures, rain, salt, dust, impact, vibration and more. Its welding, auxiliary power, battery charging and crank assist systems are tested to meet the highest applicable industry safety standards.

### Function and Benefit Guide

1. **Air compressor switch.** When the air compressor switch is in 20 cfm position, engine runs at 2,400 rpm (idle). When in 30 cfm position, engine runs at 3,600 rpm.

2. **Battery charge/weld switch.** The charge position allows battery charge and crank assist, selectable between 12 volt or 24 volt at the process control switch. The weld position puts unit in weld mode.

3. **Process control switch.** Process switch works in conjunction with Charge/Weld switch. Use switch to select weld process or battery charge process.

4. **Setup light** illuminates when in Service Menu.

5. **Battery charge/crank assist receptacle** for connection to battery charge/crank assist (12 or 24 volt).

6. **USB port** allows software updates from a USB drive. A summary file of recorded data from the unit will be saved to a USB drive that is inserted.


8. **Menu display and arc control indicator lights**

9. **Maintenance indicator lights.** When illuminated, lights indicate when either engine or compressor is due for oil change.

10. **Engine control switch** is used to start the engine, select speed, and stop engine. In Run position, engine runs at high speed (3,600 rpm). In Auto-Speed™ position, engine runs at speed determined by load demand.

11. **Fuel level indicator lights**

12. **Glow plug light (diesel only)** illuminates when the engine glow plugs are energized.

13. **Pushbutton main control knob** used for adjusting amperage/voltage, adjusting arc control, and accessing the service menu.

14. **120 and 240 V receptacles with circuit breakers**

   *Note: For matching 50 A plug, order 119172.*
### Performance Data

#### Fuel Consumption (Gas)

<table>
<thead>
<tr>
<th>Duty Cycle at 150 psi/30 cfm/3600 rpm (Air Compressor)</th>
<th>kW (Auxiliary Power)</th>
<th>Amperage at Rated Output (Welding)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>50</td>
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<tr>
<td>3</td>
<td>150</td>
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</tr>
<tr>
<td>4</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>5</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>6</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>7</td>
<td>350</td>
<td>350</td>
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</table>

#### Fuel Consumption (Diesel)

<table>
<thead>
<tr>
<th>Duty Cycle at 150 psi/30 cfm/3600 rpm (Air Compressor)</th>
<th>KVA at 100% Duty Cycle (Auxiliary Power)</th>
<th>DC Amperes (Welding)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>1</td>
<td>100</td>
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<td>6</td>
<td>600</td>
<td>600</td>
</tr>
<tr>
<td>7</td>
<td>700</td>
<td>700</td>
</tr>
</tbody>
</table>

### Mounting Specifications

#### External Mounting

- **A.** 20 in. (508 mm)
- **B.** 21.77 in. (553 mm)
- **C.** 0.88 in. (22 mm)
- **D.** 8.21 in. (209 mm)
- **E.** 29.86 in. (768 mm)
- **F.** 47.25 in. (1.200 mm)
- **G.** 9/16 in. (14 mm)
- **H.** 22.73 in. (577 mm)

#### Internal Mounting

- **A.** 0.5 in. (12.7 mm)
- **B.** 27.48 in. (698 mm)
- **C.** 9.38 in. (238 mm)
- **D.** 17 in. (432 mm)

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

<table>
<thead>
<tr>
<th>Bobcat 200 Air Pak Model</th>
<th>Engine Brand and Warranty</th>
<th>Horsepower (HP)</th>
<th>Type</th>
<th>Power Speed</th>
<th>Idle Speed</th>
<th>Fuel Capacity</th>
<th>Oil Capacity</th>
<th>Standard Shutoffs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gas</td>
<td>Kohler EFI ECH730, 3-year warranty</td>
<td>23 hp at 3,600 rpm</td>
<td>Twin-cylinder, four-cycle overhead valve, industrial air-cooled gasoline (EFI) with ETB (electronic throttle body)</td>
<td>3,600 rpm</td>
<td>2,400 rpm</td>
<td>7 gal. (26.5 L)</td>
<td>2.0 qt. (1.9 L)</td>
<td>Low oil pressure</td>
</tr>
<tr>
<td>Diesel</td>
<td>Kubota D722, 3-year warranty</td>
<td>19 hp at 3,600 rpm</td>
<td>Three-cylinder, industrial liquid-cooled diesel with 60-amp alternator and electronic governor. Engine block heater standard</td>
<td>3,600 rpm</td>
<td>2,400 rpm</td>
<td>7 gal. (26.5 L)</td>
<td>3.4 qt. (3.2 L)</td>
<td>Low oil pressure, high coolant temperature, low fuel level</td>
</tr>
</tbody>
</table>

*Rated at sea level. **Net weight without fuel. ©2005 Certified by Canadian Standards Association to both the Canadian and U.S. Standards.
### Genuine Miller® Options and Accessories

**Air Dryer Kit** 301488  
**Air Compressor Oil Heater** 301448 Field  
For use in ambient temperatures less than 10°F (-10°C).  
**Diesel Fuel Heater/Cold Weather Kit** 301538 Field  

**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.  

**Battery Charge/Jump Cables with Plug** 300422 Field 25 ft. (7.6 m)  

**Air Compressor Service Kit** 275644 Field  
Includes oil filter, air filter, oil separator and compressor oil.  

**Engine Filter Kits** Field  
284119 Gas  
284101 Diesel  

**Multi-Terrain Running Gear** 301460  
Includes two heavy-duty Never Flat™ 15-inch tires, two 8-inch rubber swivel casters and a heavy-duty handle. For all surfaces and applications.  

**Protective Covers**  
301475 For gas models without running gear  
301476 For gas models with running gear  
301531 For diesel models without running gear  
301532 For diesel models with running gear  
Heavy-duty covers protect the finish of welder.  

**2/0 Stick (SMAW) Weld Leads** 173851  
350 amps, 100 percent duty cycle. 50-foot (15.2 m) stinger and 50-foot (15.2 m) work cable.  

**Spoolmatic® 30A Spool Gun** 130831  
See literature M/1.73. Rated at 200 amps, 100 percent duty cycle with 30-foot (9 m) cable.  

**Spoolmate™ 200 Spool Gun** 300497  
See literature M/1.47. Rated at 160 amps, 60 percent duty cycle with 20-foot (6 m) cable.  

**Extension Hose and Cable Kit** 132228  
25 ft. (7.6 m). For Spoolmatic 30A and Spoolmate 200 spool guns.  

**ArcReach® SuitCase® 8 and 12 Wire Feeders**  
See literature M/6.55. Portable feeders designed to run off of arc voltage.  

**Spectrum® 375 X-TREME™ Plasma Cutter** 907529  
See literature PC/9.2. Complete with protective X-CASE®.  

**Trailers and Hitches**  

**HWY-Mid Frame Trailer** 301438  
1,424-pound (646 kg) capacity highway trailer with welded steel-tubing frame, heavy-duty axle with roller bearing hubs and leaf-spring suspension. Includes jack stand, fenders, lights, and dual hitch with 2-inch (50 mm) ball hitch and 3-inch (76 mm) lunette eye.  

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

**Dual Hitch** 301441  
Combination 2 in. (50 mm) ball hitch and 3 in. (76 mm) lunette eye in one reversible assembly.  

**2-In-1 Document/Fire Extinguisher Holder** 301236  
Stores documents and holds a 5-pound fire extinguisher.  

Note: Holder shown mounted on trailer. Fire extinguisher not included.

### 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>Bobcat® 200 Air Pak® Gas</td>
<td>907771</td>
<td>Kohler gas engine</td>
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</tr>
<tr>
<td>Bobcat® 200 Air Pak® Diesel</td>
<td>907760</td>
<td>Kubota diesel engine</td>
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</table>

**Options**

<table>
<thead>
<tr>
<th>Equipment</th>
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<th>Price</th>
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<tbody>
<tr>
<td>Air Dryer Kit</td>
<td>301488</td>
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<tr>
<td>Air Compressor Oil Heater</td>
<td>301448</td>
<td>Field</td>
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</tr>
<tr>
<td>Diesel Fuel Heater/Cold Weather Kit</td>
<td>301538</td>
<td>Field</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Full KVA Adapter Cord</td>
<td>300517</td>
<td>Field</td>
<td></td>
<td></td>
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<tr>
<td>Full KVA Plug Kit</td>
<td>119172</td>
<td>Field</td>
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<tr>
<td>Battery Charge/Jump Cables with Plug</td>
<td>300422</td>
<td>Field. 25 ft. (7.6 m)</td>
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<tr>
<td>Air Compressor Service Kit</td>
<td>275644</td>
<td>Field</td>
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<tr>
<td>Engine Filter Kits</td>
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<td>Field. See above</td>
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**Accessories**

<table>
<thead>
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<th>Qty.</th>
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<tr>
<td>Multi-Terrain Running Gear</td>
<td>301460</td>
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<tr>
<td>Protective Covers</td>
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<td>See above</td>
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<tr>
<td>2/0 Stick Weld Leads</td>
<td>173851</td>
<td>50 ft. (15.2 m), 350 amps, 100 percent duty cycle</td>
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<tr>
<td>Spool Guns and Wire Feeders</td>
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<td>See above</td>
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<tr>
<td>Spectrum® 375 X-TREME™ Plasma Cutter</td>
<td>907529</td>
<td>See literature PC/9.2</td>
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<tr>
<td>Trailer and Hitches</td>
<td>301438</td>
<td>See above</td>
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### Date:  

Total Quoted Price:  

Distributed by:  

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