

# Why Choose an AIR VANTAGE® 500?


## It's Three in One – Welder, Generator and Air Compressor



When you need it all, consider the rugged Air Vantage® 500 for railroad, mining, heavy duty construction, and rental fleet use. A compressor pumps plenty of air for arc gouging with up to 3/8 in. (10 mm) carbons, plasma cutting or other air tools. A powerful 500 amps @ 100% duty cycle is enough for almost any stick, TIG, MIG or flux-cored welding project.



### Air Vantage® 500 vs. Competition

Feature	Description	Lincoln Electric Air Vantage® 500	Miller Electric Big Blue® Air Pak™
<b>VMAC® Brand Rotary Screw Compressor Rated at 60 CFM, 100 PSI</b>	<ul style="list-style-type: none"> <li>• Plenty of output for arc gouging and air tools</li> <li>• Gear-driven from engine, no belts to replace</li> <li>• No magnetic clutch to wear out</li> <li>• Automatic shutdown protection for high temperature</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Lincoln Electric  Chopper Technology®</b>	<ul style="list-style-type: none"> <li>• Easy starts, low spatter, smooth arc, and excellent bead appearance</li> <li>• Arc gouge with a dedicated weld mode setting</li> <li>• CV-wire mode has adjustable pinch/inductance to control how fast the weld puddle freezes</li> <li>• CC-stick mode optimized for E7018 low hydrogen electrode performance. Includes built-in “hot” start for easier starts and restrikes. Includes adjustable arc force to keep electrode from sticking to the weld puddle</li> <li>• Downhill pipe welding mode with fast travel speeds</li> <li>• Touch Start TIG® mode – no scratch start</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Stainless Steel Roof, Side Panels and Sliding Engine Door</b>	<ul style="list-style-type: none"> <li>• Added protection, durability and corrosion-resistance</li> <li>• Reduces maintenance of key panels exposed to sun, weather and other elements</li> <li>• Sliding engine door provides easy service access</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Easier to Set Weld Processes and Operate</b>	<ul style="list-style-type: none"> <li>• Simple control panel</li> <li>• Single full range output dial for all modes, no taps</li> <li>• Easy to use 5-mode weld switch for process selection</li> <li>• Digital weld meters – preset output, easy to read</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Less Weight for Truckbeds</b>	<ul style="list-style-type: none"> <li>• 10% less than standard Big Blue® Air Pak™ (1,730 lbs. vs. 1,931 lbs.)</li> <li>• 12% less than deluxe Big Blue® Air Pak™ (1,730 lbs. vs. 1,956 lbs.)</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

<b>Air Vantage® 500 vs. Competition</b>			
<b>Feature</b>	<b>Description</b>	<b>Lincoln Electric Air Vantage® 500</b>	<b>Miller Electric Big Blue® Air Pak™</b>
<b>More Standard AC Generator Power – No Expensive Options</b>	<ul style="list-style-type: none"> <li>• 20 kW 3-phase 240V vs. factory upgrade required for Big Blue® Air Pak™. Power plasma cutters, pumps, inverter welders and specialty grinders. Matching 3-phase plug included</li> <li>• 12 kW 1-phase 120V/240V vs. 4 kW on standard Big Blue® Air Pak™. Power lights, grinders and constructin tools</li> <li>• Full-KVA receptacles provided. No hard-wired connections required</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>All PC Boards are Environmentally Sealed for High Reliability</b>	<ul style="list-style-type: none"> <li>• All boards put in protective frame trays and potted vs. only the control board is in a sealed vault on Big Blue® Air Pak™</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Sealed GFCI Modules</b>	<ul style="list-style-type: none"> <li>• GFCI (Ground Fault Clrcuit Interrupter) modules sealed from moisture vs. conventional GFCI receptacle</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>VRD™ (Voltage Reduction Device™) for Added Safety</b>	<ul style="list-style-type: none"> <li>• Reduced OCV (open circuit voltage) in CC-stick welding mode vs. none on Big Blue® Air Pak™</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>Better Battery Warranty</b>	<ul style="list-style-type: none"> <li>• Longer battery warranty – 2 years vs. 6 months</li> </ul>	<input checked="" type="checkbox"/>	<input type="checkbox"/>