



Why Choose 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, general maintenance & repair, and heavy duty construction. Plenty of air for arc gouging with up to 3/8 in. (9.5 mm) carbons, plasma cutting or almost any air tool. A powerful 500 amps at 100% duty cycle is enough for almost any stick, TIG, MIG or flux-cored welding project. And, the precision arc starting provided by Lincoln Electric  Chopper Technology® and DC Touch Start TIG® will make any operator a better welder. Don't pay extra for plenty of AC generator power – up to 20,000 watts of 3-phase and 12,000 watts of 1-phase is standard. Stainless steel roof and side panels provide added durability and corrosion-resistance. The Cummins® B3.3 (for export) water-cooled diesel engine will keep you running — and working — for a long time.



Air Vantage 500® vs. Competition

Feature	Description	Lincoln Electric Air Vantage® 500	Miller Electric Big Blue Air Pak
Lincoln Electric  Chopper Technology	<ul style="list-style-type: none"> • Easy starts, low spatter, smooth arc, and excellent bead appearance. • Arc gouge in CC or CV mode. • CV-Wire mode has adjustable Pinch/Inductance to control how fast the weld puddle freezes. • CC-Stick mode optimized for E7018 low hydrogen electrode performance. Includes Adjustable Arc Force to keep electrode from sticking to the weld puddle. • Downhill Pipe welding mode with fast travel speeds. • DC Touch Start TIG® mode - no scratch start. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Stainless Steel Roof, Side Panels and Sliding Engine Door	<ul style="list-style-type: none"> • Added protection, durability and corrosion-resistance. • Reduces maintenance of key panels exposed to sun, weather and other elements. • Sliding engine door provides easy service access. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Easier to Set Weld Processes and Operate	<ul style="list-style-type: none"> • Simple control panel. • Single full range output dial for all modes – no taps. • Easy to use 4-mode weld switch for process selection. • Digital weld meters – preset output, easy to read. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Less Weight for Truckbeds	<ul style="list-style-type: none"> • 16% less than standard Big Blue Air Pak – 1618 lbs. (734 kg) vs. 1931 (876 kg) lbs. • 17% less than deluxe Big Blue Air Pak – 1618 lbs. (734 kg) vs. 1956 lbs. (887 kg) 	<input checked="" type="checkbox"/>	<input type="checkbox"/>
More Standard AC Generator Power – No Expensive Options	<ul style="list-style-type: none"> • 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. • 12kW 1-phase 120V/240V vs. 4kW on standard Big Blue Air Pak. Power lights, grinders and construction tools. • Full-KVA receptacles provided. No hard-wired connections required. 	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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ELECTRIC
THE WELDING EXPERTS®