


Why Choose a VANTAGE® 500?

Multi-Process Powerhouse!

This multi-process powerhouse features standard stainless steel roof and side panels, simple controls and  Chopper Technology® to deliver the low maintenance, long service life, easy operation and great arc performance every owner appreciates.



Vantage® 500 vs. Competition

Feature	Description	Lincoln Electric Vantage® 500	Miller Electric Big Blue® 500
Better and More Welding Process Choices	<ul style="list-style-type: none"> • CC-stick with a true constant current output for low hydrogen welding • Downhill pipe mode vs. none on Big Blue® 500 • CV-wire mode vs. none on Big Blue® 500 CC model • Touch-Start TIG® vs. scratch start TIG 	☑	☐
Better Arc Performance and Control	<ul style="list-style-type: none"> • Lincoln Electric  Chopper Technology® vs. reactor technology – easy starts, smooth arc, low spatter and excellent bead appearance • Continuous range output dial vs. taps and fine control • Adjustable arc force in CC-stick and downhill pipe modes vs. no operator adjustment • Adjustable pinch/inductance control in CV-wire mode vs. none available • Touch Start TIG® avoids tungsten contamination in weld puddle 	☑	☐
Digital Weld Meters for Pre-Set and Actual Output	<ul style="list-style-type: none"> • Included vs. optional analog meters at extra cost • Easier to pre-set, then monitor actual output 	☑	☐
More AC Generator Power for 2nd Arc Inverter, Plasma Cutter or Tools	<p><u>1-Phase</u></p> <ul style="list-style-type: none"> • 12 kW continuous vs. 4 kW continuous on Big Blue® 500 CC model • 120 VAC receptacles: 4 vs. 2 <p><u>3-Phase</u></p> <ul style="list-style-type: none"> • 20 kW continuous • Not available on Big Blue® 500 CC model • 20 kW continuous is an extra-cost factory-only option on Big Blue® 500 CC/CV model • Receptacle on control panel for easy plug-in vs. hard-wired connection 	☑	☐

Vantage® 500, continued...

Vantage® 500 vs. Competition			
Feature	Description	Lincoln Electric Vantage® 500	Miller Electric Big Blue® 500
Stainless Steel Enclosure	<ul style="list-style-type: none"> Stainless steel roof and case sides vs. painted parts requiring maintenance 	☑	☐
Engine Idler Standard	<ul style="list-style-type: none"> Extra cost option on Big Blue® 500 CC Model Saves about 2 gallons of fuel/10 hour day at low idle vs. no idler 	☑	☐
Less Weight for Truck Mounting	<ul style="list-style-type: none"> 10% less for Vantage® 500 Deutz®: 1,532 lbs. vs. 1,695 lbs. 	☑	☐
All PC Boards Are Environmentally Sealed for High Reliability	<ul style="list-style-type: none"> All boards put in protective frame trays and potted vs. only the control board is in a sealed vault on Big Blue® 500 CC/CV model 	☑	☐
Better Battery Warranty	<ul style="list-style-type: none"> Longer battery warranty – 2 years vs. 6 months 	☑	☐