



## **MAG2000G5X™**

### ***500 amp cutting system***

**MAG2000G5X™** is a complete system with 500 amp Lincoln Vantage™ welder suitable for exothermic ignition, cutting, and most welding assignments in marine and underwater settings. Also has a compressor. Ships with gauges, cables and consumables so the system is turn-key when fitted with an oxygen cylinder. Cylinders can be ordered separately. The system includes fifty foot of cables and oxygen hose with ground clamp and knife switch. A preset oxygen regulator along with patented style cutting consumables will cut virtually any ferrous or nonferrous material in seconds. Like our other cutting systems, a 500 amp stinger and welding electrodes are supplied. The entire system fits onto a single pallet and can be shipped

anywhere around the globe for immediate deployment.

### ***Ships with the following:***

- Magnum cutting torch.
  - Flame/arc mode.
- Oxygen hose, 50'
  - Can be ordered longer.
- Preset oxygen regulator.
  - 150 psi standard.
- Welding cables, 50'.
  - Can be ordered longer.
- Patented style flame consumables.
  - Come 50 per box.
- Welding stinger.
  - Single throw.
- Complimentary welding rods.
  - E-6013 for mild steel.
- Spare collet.
  - .375 size.
- Lincoln DC Welder
  - 500 amps.
- Online instructional video.
  - [www.MagnumUSA.com](http://www.MagnumUSA.com)
- UPS 1 package.
  - 2000 lbs. approximate.

### ***Magnum Sea and Land***

***800-957-4344 Toll Free***

***760-868-6748 Alternate***

***760-868-6749 Facsimile***

***sales@magnumusa.com***

Welder Specifications:

When you need it all, consider the rugged Air Vantage 500 for railroad, mining, heavy-duty construction, and rental fleet use. A direct gear-driven compressor, with no belts or clutches to wear out, pumps out plenty of air for arc

gouging, plasma cutting or almost any air tool. This Air Vantage 500 Welder/Generator and Air Compressor has powerful 500 amps at 100pct duty cycle which is enough for almost any stick, TIG, MIG or flux-cored welding project. And, the precision arc starting provided by Lincoln Chopper Technology and 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 reliable Cummins B3.3 water-cooled diesel engine will keep you running - and working - for a long time.

#### **Features:**

- Rotary Screw Compressor
- VMAC brand rotary screw direct-drive air compressor rated at 60 CFM, 100 PSI, 100pct duty cycle
- Delivers abundant air for arc gouging with up to 3/8" carbons, plasma cutting (plasma cutter sold separately) and air tools such as an impact gun
- Plenty of AC Generator Power
- 20 kW continuous 3-phase 240V AC generator power will operate industrial equipment such as plasma cutters, pumps, inverter welders and grinders
- 12 kW continuous 1-phase AC generator power for common construction tools and lights.
- Stainless Steel Enclosure
- Standard stainless steel roof, side panels and engine-access door deliver added protection, durability and corrosion-resistance. Eliminates need to

replace these items due to paint damage or rust

- Sliding Engine-Access Door - Lockable engine-access door slides open for easy access in tight spaces
- Simple to Operate
- Use the mode switch to select one of four Process Modes, including CC-Stick, Downhill Pipe (for stick), Touch-Start DC TIG or CV Wire. Then dial in the desired output

#### **Processes:**

- TIG
- Stick
- MIG
- Flux-Cored
- Gouging

#### **Application:**

- For railroad, mining, heavy-duty construction, and rental fleet use

#### **Specifications:**

- Rated Output, Current/Voltage/Duty Cycle:
  - 500A/40V/100pct
  - 550A/36V/60pct
  - 575A/35V/50pct
- Output Range:
  - 30-575A DC, 40-300A Pipe
  - 20-250A DC TIG, 14-40V CV,
  - 12,000 watts, 1-Phase
  - 20,000 watts, 3-Phase
  - Compressor 60 CFM, 100 PSI
- Engine Model: Cummins B3.3 Diesel
- Number of Cylinders: 4

- Horsepower: 56
- Speed: 1800 RPM
- Weight: 1690 lbs
- Overall Dimensions: 50.8" H x 32.7" W x 63.1" D

**Warranty:**

- Three-year Lincoln Warranty on welder
- Engine and compressor are warranted separately by the manufacturers



Magnum cutting torch with oxygen control valve and welding cable connection for oxy-flame and oxy-arc capability. Durable torch body designed for outdoor use in extreme conditions. Heavy duty stainless steel valve spring and valve bearing eliminates valve arcing when using a welder. The ergonomic design minimizes hand fatigue during long cutting assignments.



50' of high grade .375 diameter oxygen hose with standard oxygen B connectors.



Professional ground clamp.



Patented style marine cutting consumables come fifty to the box and display almost unlimited shelf life. Consumables will cut, gouge or pierce almost any known material in seconds.



50' of high grade welding cable with suitable connectors.



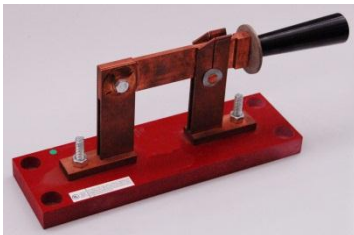
400 amp welding stinger handle to weld materials after they are cut. Displays alligator jaws for precise lock on the welding electrode.



Preset 150 psi oxygen regulator is durable and requires no adjustment. It comes with a popular CGA540 valve connector.



Complimentary welding electrodes for mild steel are wrapped and dipped for years of shelf life.



Knife switch connects to the positive side of the welder for cutting current during change of consumables.



Spare .375" collet to fit our most popular cutting consumables. Collets available in other sizes.

Online operating instructions:

<http://www.magnumusa.com/cutting-videos.html>



Cylinders and cylinder banks can be ordered separately.

