MAG2000G5 500 amp Gas or Diesel Powered cutting system

MAG2000G5 Cutting System

MAG2000GX5

MAG2000GX 5 GAS CUTTING SYSTEM

Are you using the latest technology?

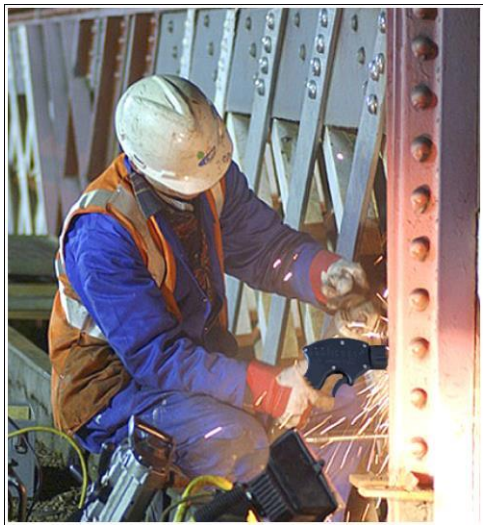
Oxyacetylene, plasma arc, and air-carbon-arc combined cannot equal the power and performance of our most popular MAG200G5™ cutting system. As the most advanced state-of-the-art torch system on the market, a Magnum top valve torch easily generates twice the cutting heat of oxyacetylene.

Like a Swiss Army Knife this system is capable of over 24 separate industrial processes with a mere change in operator hand position. Quickly cut, gouge or pierce any material in seconds using oxygen as the sole gas. The dual purpose torch conveniently operates in both oxy-arc mode and oxy-flame mode. Use an optional patented arc rod to get the longest cuts ever recorded for a dismantling. Arc rods get up to twenty minutes of plate cutting using a modest 225 amp welder.

Using flame consumables the portable kit is ideal for remote repair and maintenance when the service truck is not nearby or nonferrous material cannot be grounded. A single cylinder of oxygen allows the torch to become fully operational. This is the most powerful cutting resource available. Much effort went into the design of the system making it easy to use. There are no gases to mix or settings to adjust. One valve controls the oxygen pressure and thereby the flame length.

An optional extender provides additional reach for cutting and piercing materials like manganese and rock. Ease of use and control allows the torch to cut sheet metal or materials up to six inches in thicknesses. No material barriers translate into a torch melts through cast iron,

MAG2000G5 500 AMP GAS OR DIESEL POWERED CUTTING SYSTEM



Perfect for independent dive operators involves in repair, maintenance, scrap, salvage and dismantling.

MAG2000G5™ is a complete system with 500 amp Lincoln™ suitable for exothermic ignition, cutting and medium welding assignments in marine settings.

Ships with gauges, cables and consumables so the system is turn-key when fitted with an oxygen cylinder. Spare parts and fifty foot of cables and oxygen hose includes ground clamp and knife switch.

A precision two-stage oxygen regulator is also included along with consumables for cutting any material in seconds. Like our other systems, a 400 amp stinger and welding electrodes are supplied.

The entire system is palleted for shipping anywhere around the globe for immediate deployment.

Ships With

- Lincoln 500 amp DC welder.
- Magnum top valve cutting torch.
- 50' cables with lug connectors.
- Precision two-stage oxygen regulator.
- One box of MAG3818 cutting rods.
- 400 amp welding stinger.
- Complimentary welding rods.
- Spare collets.
- Instruction video online.
- Heavy duty disconnect switch.
- Six 3000 psi composite cylinders plumbed for efficient oxygen delivery.
- Total Weight 1690 lbs. approximate.
- One pallet measuring 4' x 4' x 6'. We ship around the globe.

This is out top of the line cutting system and we can custom configure it to your exact specification. Customers include end users to government agencies. You can do it all with a MAG2000G5, even air carbon arc.

MAG2000G5 500 AMP GAS OR DIESEL POWERED CUTTING SYSTEM

This is state-of-the-art digital umbilical control replaces knife switches. No internal power source required. Works off of the incoming cables from the welder. The control box displays an internal solenoid for ultimate current protection. The unit is fused and reads both volts and amps. Tenders can dial in the welder for ultimate cutting or welding.

Welder Specification: 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:

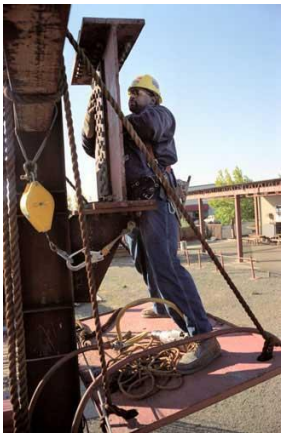
- Rated Output, Current/Voltage/Duty Cycle:
  - 500A/40V/100pct

MAG2000G5+ 500 AMP GAS OR DIESEL POWERED CUTTING SYSTEM

- 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



MAG2000G5 500 amp Gas or Diesel Powered cutting system

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