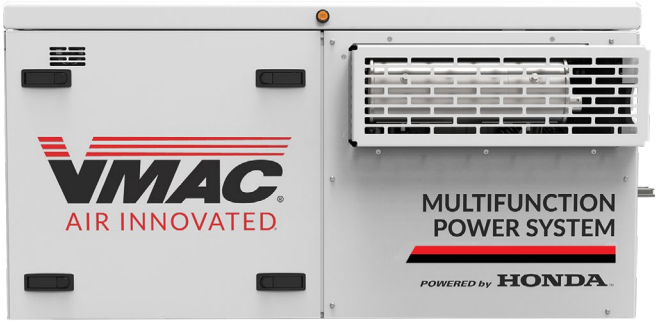
6-IN-1 MULTIFUNCTION POWER SYSTEM

MF - HONDA

NOW WITH HYDRAULICS!



POWERED by HONDA™

BENEFITS

More Power For Tougher Jobs

When the work gets harder, operators need a system that keeps up. The new 6-in-1 VMAC Multifunction Power System, Powered by Honda, is the only gas-powered multifunction system with built-in hydraulics - giving operators the freedom to do more in the field without hauling multiple machines. With six power sources packed into one compact, gas-driven machine - 40 CFM of compressed air, 8 kW of electric power, up to 250 A of welding capability, 12V and 24V battery charging, 300 A boosting, and 8 GPM of hydraulic power – operators will have everything needed to tackle the toughest jobs, anywhere.

A Quiet Multipurpose Machine

VMAC's 6-in-1 multi-power system is seriously quiet compared to similar systems, emitting only 73 dB at high idle, 63 dB at compressor idle and 59 dB at low idle. With noise reduction panels, multi-speed idle controls, and Standby Mode, jobsite noise is reduced considerably or removed entirely. Operators will appreciate easier communication, and neighbors will appreciate less disturbance.

Easy, Simultaneous Operation

Use just one function, or all functions simultaneously*, with the ability to seamlessly switch between operations with easy-to-use controls, eliminating the need to maneuver multiple machines on the jobsite. This powerful machine is designed for today's mobile mechanic—just turn it on and get to work.

**Simultaneous operation may reduce the performance of individual components.*

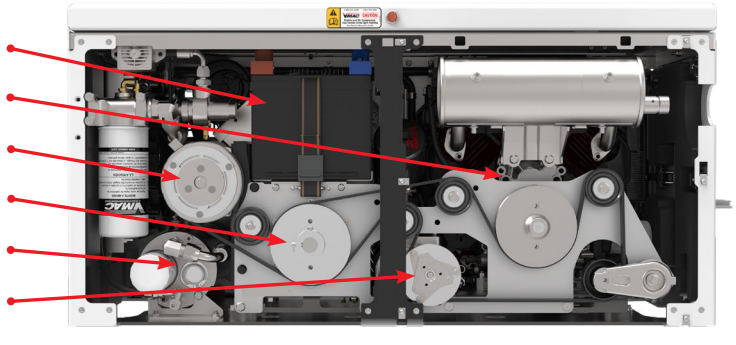
Compact & Lightweight

VMAC's 6-in-1 gas powered Multifunction includes hydraulics to operate cranes, outriggers, and other hydraulic driven equipment, with the truck-engine turned off. This eliminates the need for a separate truck mounted hydraulic system, freeing up valuable cargo space, reducing GVW, and allowing operators to carry more tools, equipment, and materials.

Reduce Truck Maintenance & Fuel Costs

The VMAC Multifunction Power System reduces truck maintenance and improves fuel economy by allowing operators to turn their truck engines off while on the jobsite. Also, by reducing vehicle weight, automatically idling the Honda engine up/down with air demand, and turning the Honda engine off/on with air demand, the VMAC Multifunction Power System allows operators to improve fuel economy.

COMPONENTS



Control/Digital Display Box

Generator/Welder Control Box

SPECIFICATIONS

Air Compressor Output	40 CFM @ 100 psi (150 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Honda iGX800 V-Twin gas engine; 779 cc; Electronic Fuel Injection (EFI); Electronic Control System (ECS) with integrated configurable ECU and electronic self-tuning regulator/governor; air-cooled
Weight (dry)	5-in-1: 500 lb (227 kg); 6-in-1: 525 lb (238 kg)
Dimensions	47" (l) x 21.4" (w) x 23.5" (h); 120 cm (l) x 51 cm (w) x 60 cm (h)
Decibels (dB) @ 23 feet (7 m)	73 dB at high idle, 63 db at compressor idle, 59 dB at low idle, 0 dB in Standby Mode
AC/DC Generator/Welder	**AC:** 8 kW output » 1 x 30 A, 240V, 60 Hz 3 phase circuit (w/terminal strip) » 2 x 20 A, 120V, 60 Hz single phase circuit (w/terminal strip & plugs) **DC:** For battery boosting/jump starting, other DC loads » Boost – 300 A max @ 13V » CC mode for SMAW and GTAW (stick/TIG welding) » Charge – 100 A max @ 12V & 24V 250 A @ 35% duty cycle; 190 A @ 60% duty cycle
PTO & Hydraulic Pump (optional)	**PTO:** Clutched SAE 'A' port with 9-toothed spline, 3,700 RPM output, 25 lb-ft continuous torque max (patented) **Hydraulic Pump:** 8 GPM @ 3,000 psi (max)
Fuel Supply Options	» Base-mounted 12-gallon fuel tank uses internal Honda engine fuel pump; includes low fuel level switch; EPA compliant; adds 8" (20.3 cm) to system height; available uninstalled or factory-installed » External gas fuel pump kit; required for remote mounted fuel tanks
Battery	ACDelco 12V, 460 CCA, 575 CA
Control System	» Remote mounted control/digital display box with electronic key switch and LCD for compressor on/off controls, observing system status and adjusting parameters » Remote mounted generator/welder control box with genset voltage meter and selector, welding current and ARC force control; socket for optional remote welding control; integrated voltage sensing interlock feature ensures safe welding/battery boosting and protects equipment by disabling the genset should an unsafe condition occur » Separate selector switches engage compressor, AC/DC generator/welder, PTO; any one function or all can be selected at any time » Multi-speed throttle control responds to operating function and air demand » With compressor-only selected, and sustained periods of no air use, the control system will shut down the engine (Standby Mode) » With generator/welder or PTO selected, the engine will not shut down automatically
Cold Climate Protection	» System will wait to load and go into running state until the engine temperature is above 50°F (10°C) and the compressor temperature is above 41°F (5°C) » Engine will automatically restart when system temperature falls below 23°F (-5°C); small heat strip included in LCD Digital Control Box » Battery jump start connections are recommended to be tied into the truck batteries in locations where extreme cold is expected; it is not necessary in mild climates
Cold Climate Kit *(optional)*	» Recommended if ambient temperatures frequently drop below 14°F (-10°C) » Plugs into a 120V power source and the compressor and separator tank heaters will turn on » Optional 800 W (minimum) power inverter allows cold climate kit to engage on the way to the job site
Air Receiver Tank	Minimum 6-gallon air receiver tank recommended for proper operation of all functions *(Not included)*
Warranty	» Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Limited Warranty » Honda engine is covered by Honda's 3-year Limited Warranty

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VMAC Dealer Information