



MULTIFUNCTION POWER SYSTEMS

THE MOST COMPACT & CUSTOMIZABLE MULTI-POWER SYSTEM AVAILABLE.



MF

"I am impressed with the versatility of the VMAC Multifunction Power System. I can very quickly and easily go from using the on-board air system to welding and air arcing. The unit has been great, reliable and easy to use. I would highly recommend one if someone was setting up a shop/service truck".

- Great West Equipment,
BC, Canada

YOUR POWER, YOUR CHOICE

VMAC Multifunction Power Systems give you the power of choice. With over 2,000 possible configurations, VMAC Multifunction Power Systems provide the most customizable multi-power system available, so you only pay for what you need.

EASY OPERATION & SWITCHING BETWEEN SYSTEMS

VMAC Multifunction Power Systems allow you to seamlessly switch between operations, without the hassle of complicated controls or maneuvering multiple machines on the jobsite. This means more time working, improving productivity and getting your customers back to work faster. It is designed for ease-of-use, to run efficiently with only one operator.

SAVE TRUCK MAINTENANCE & FUEL COSTS

VMAC Multifunction Power Systems save truck maintenance costs and improve fuel economy by allowing you to turn your truck engine off while on the jobsite as well as reducing your truck GVW by up to 400 lb. The control system not only automatically idles the system's engine up/down with air demand, it also turns the engine off/on with air demand. This lightweight design of the VMAC Multifunction Power System means you'll be able to add more tools and equipment to your truck, carry more materials, take advantage of better fuel economy, or even downsize your truck classification.



GENERATOR/WELDER CONTROL BOX

GENSET Voltage selector;
Welding Current control and ARC force;
Socket for optional Remote Welding Control
(Available with AC/DC Generator/Welder option only)



CONTROL/DIGITAL DISPLAY BOX

Remoted mounted; electronic key switch;
selector switches for PTO/GENSET/COMPRESSOR;
LCD for compressor on/off controls, observing
system status and adjusting parameters



COMPRESSOR AIR FILTER

KUBOTA DIESEL D902 ENGINE

3-cylinder, naturally aspirated 3,600 RPM, Tier 4 Final

VMAC AIR COMPRESSOR

Oil-injected rotary screw;
belt-driven; 45 CFM @ 100 psi,
100% duty cycle; Up to 175 psi

PTO PORT (option)

Clutched SAE 'A' port with 9-toothed spline,
2,800 RPM output; 35 ft-lb continuous torque (max)
(Various hydraulic pump options available)

AIR/OIL SEPARATOR TANK

Separates compressor oil from compressed air

COMPRESSOR COALESCING FILTER

BATTERY


Included ACDelco 12V, 460 CCA, 575 CA

AC/DC GENERATOR/WELDER/ BATTERY CHARGER/BOOSTER (option)

AC: 8kW continuous output;
1 x 30A, 240V, 60Hz 3 phase circuit;
2 x 20A, 120V, 60Hz single phase circuit;
DC: For battery boosting/charging; other DC loads
Boost - 300A max @ 13V;
Charge - 12V, 24V, 36V, 48V
CC mode for SMAW and GTAW (stick/TIG welding)
250A @ 35% duty cycle; 190A @ 60% duty cycle

*Shown as the 6-in-1 System (D600008)

SPECIFICATIONS

Air Compressor Output	45 CFM @ 100 psi (175 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Kubota Diesel D902 3-cylinder, naturally aspirated 3600 rpm, Tier 4 Final
Weight (wet)	6-in-1 - Approximately 570 lb (259 kg) (not including hydraulic pump or fuel tank)
Dimensions	Designed to fit on side pack with center slider, 23"(w) x 33"(l) x 29"(h), base footprint: 30"(l) x 20"(w)
AC/DC Generator/Welder (Option)	<div><div><ul style="list-style-type: none">➤ AC: 8kW continuous output➤ 1 x 30A, 240V, 60Hz 3 phase circuit (w/wo receptacles)➤ 2 x 20A, 120V, 60Hz single phase circuit (w/wo receptacles)</div><div><ul style="list-style-type: none">➤ DC: For battery boosting/jump starting, other DC loads➤ Boost - 300A max @ 13V; Charge - 12V, 24V, 36V, 48V➤ CC mode for SMAW and GTAW (stick/TIG welding)➤ 250A @ 35% duty cycle; 190A @ 60% duty cycle</div></div>
AC Generator Only (Option)	<div><div><ul style="list-style-type: none">➤ AC: 10.2kW continuous output</div><div><ul style="list-style-type: none">➤ 1 x 30A, 240V, 60Hz single phase circuit (w/terminal strip)➤ 2 x 20A, 120V, 60Hz single phase circuit (w/terminal strip)</div></div>
Power Takeoff Port (Option)	Clutched SAE 'A' port w/ 9-toothed spline, 2800 RPM output, 35ft-lbs continuous torque max (Patented)
Hydraulic Pump (Options)	<div><div><ul style="list-style-type: none">➤ 5 GPM @ 3500 psi (max)</div><div><ul style="list-style-type: none">➤ 8 GPM @ 3500 psi (max)</div><div><ul style="list-style-type: none">➤ 10 GPM @ 2800 psi (max)</div><div><ul style="list-style-type: none">➤ Or choose your own</div></div>
Control System	<div><div><ul style="list-style-type: none">➤ Customizable digital controls➤ Remote mounted generator/welder control panel➤ Remote mounted compressor control panel➤ Any one function or all 3 can be selected at any time➤ Engine auto-restarts on air demand➤ Separate selector switches engage compressor, generator and PTO</div><div><ul style="list-style-type: none">➤ With compressor only selected, and sustained periods of no air use, the control system will shut down the engine➤ With any other function selected, the engine will not shut down automatically➤ Programmable auto restart for cold temperature or low battery voltage➤ 2-speed throttle control responds to air demand</div></div>
Air Receiver Tank	(recommended, but not included) Minimum 10-Gallon Air Receiver Tank - Recommended for proper operations of all functions
Cold Climate Kit (option)	<ul style="list-style-type: none">➤ Cold Climate Protection recommended if ambient temperatures frequently drop below -10°C (14°F).➤ Combine with optional 1750W power inverter and warm the system on the way to the job site.
Warranty	<div><div></div><div><ul style="list-style-type: none">➤ Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Limited Warranty➤ Kubota engine is covered by Kubota's 2-year Limited Warranty</div></div>

OPTIONAL ACCESSORIES

**7-GALLON DIESEL
FUEL TANK**
A500013



**EXTERNAL DIESEL
FUEL PUMP KIT**
A500030



**1,750 W POWER
INVERTER**
A500185



**POWER INVERTER REMOTE
CONTROL PANEL**
A500186



For a complete list of available
customizations and accessories visit
www.VMACAIR.com/Multifunction

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