



6-IN-1 MULTIFUNCTION POWER SYSTEM

MF-KUBOTA



BENEFITS



Free Up Space

VMAC Multifunction Power Systems leave more space on your truck deck or cargo area because they combine multiple functions into one compact system. The overall system size is six cubic feet smaller than other leading multi-power brands and designed to fit on the side pack of a service truck with a slider.



Reduce Weight

VMAC's Multifunction reduces truck GVW by 400 lb. Choosing a lightweight multi-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.



Reduce Truck Maintenance & Fuel Costs

Multifunction Power Systems save truck maintenance costs and improve fuel economy by allowing you to turn your truck engine off while on the job site. 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.



Easy To Operate & Switch 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 job site. 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.



Customizable

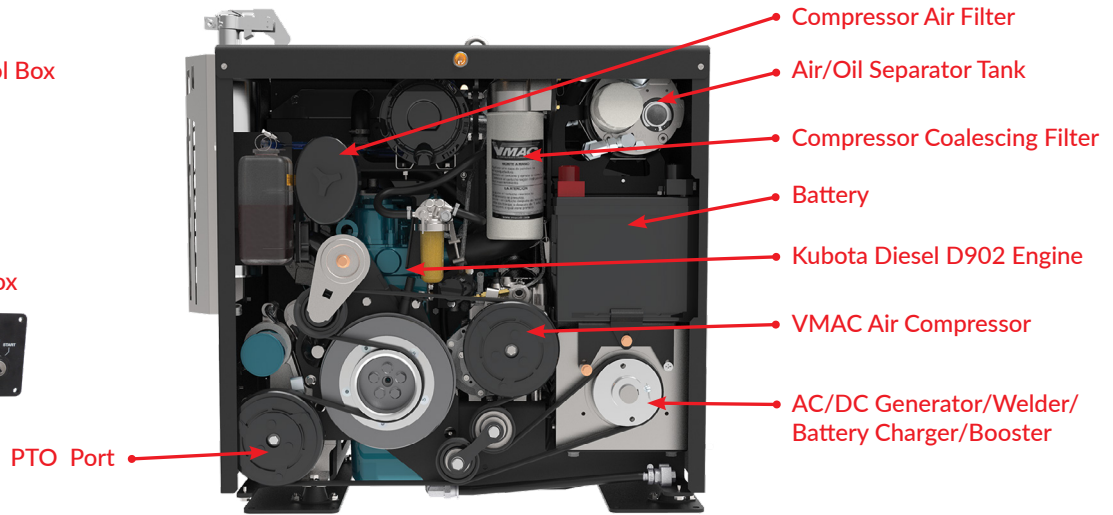
For those who want a truly customized multi-power solution, the VMAC Multifunction Power System can be ordered in over 2,000 possible configurations. Each customized system will have the same overall size, with differences in overall weight.

COMPONENTS

Generator/Welder Control Box



Control/Digital Display Box



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 D902 Diesel 3-cylinder, naturally aspirated 3,600 RPM, Tier 4 Final	
AC/DC Generator/Welder	AC: 8 kW output » 1 x 30 A, 240V, 60 Hz three phase circuit (w/wo receptacles) » 2 x 20 A, 120V, 60 Hz single phase circuit (w/wo receptacles)	DC: For battery boosting/jump starting; other DC loads » Boost – 300 A max @ 13V » Charge – 100 A max @ 12V, 24V, 36V, 48V » CC mode for SMAW and GTAW (stick/TIG welding) » 250 A @ 35% duty cycle; 190 A @ 60% duty cycle
Power Take-off Port	Clutched SAE 'A' port with 9-toothed spline, 2,800 RPM output, 35 lb-ft continuous torque max (patented)	
Hydraulic Pump (optional)	5 GPM, 8 GPM or 10 GPM @ 3,500 psi (max)	
Battery	ACDelco 12V, 460 CCA, 575 CA	
Control System	» Easy to use digital control system with adjustable parameters » Remote mounted generator/welder and compressor control panel » Any one function or all can be selected at any time » 2-speed throttle control responds to air demand » Separate selector switches engage compressor, generator, and PTO » With compressor-only selected, and sustained periods of no air use, the control system will shut down the engine » Engine auto-restarts on air demand	
Cold Climate Protection	» Engine and compressor will wait until the temperatures are above 41°F (5°C) before loading and going into a running state » 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	» Recommended if ambient temperatures frequently drop below -10°C (14°F) » Plugs into a 120V power source and the compressor and separator tank heaters will turn on » Optional 1,750 W power inverter allows cold climate kit to engage on the way to the job site	
Weight (Wet)	Approximately 570 lb (259 kg)	
Dimensions	33" (l) x 23" (w) x 29" (h); 83.8cm (l) x 58.4 cm (w) x 73.7 cm (h); Base footprint: 30" (l) x 20" (w); 76.2 cm (l) x 50.8 cm (w)	
Decibels (dB) @ 21 feet (6.4 m)	81.2 dB at high idle, 76 dB at low idle, 0 dB in Standby Mode	
Fuel Supply Options	» 7-gallon tank with fuel gauge and low fuel shut-off sensor	» External Diesel Fuel Pump Kit
Air Receiver Tank (recommended, not included)	Minimum 10-gallon air receiver tank recommended for proper operation of all functions	
Warranty	» Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty (Limited) » Kubota engine covered by Kubota's 2-Year warranty	



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VMAC Dealer Information