



6-IN-1 MULTIFUNCTION POWER SYSTEM

MF - OILMAN SERIES



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 140 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 reduce 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.



Includes Shocker PASS® (Positive Air Shutoff System)

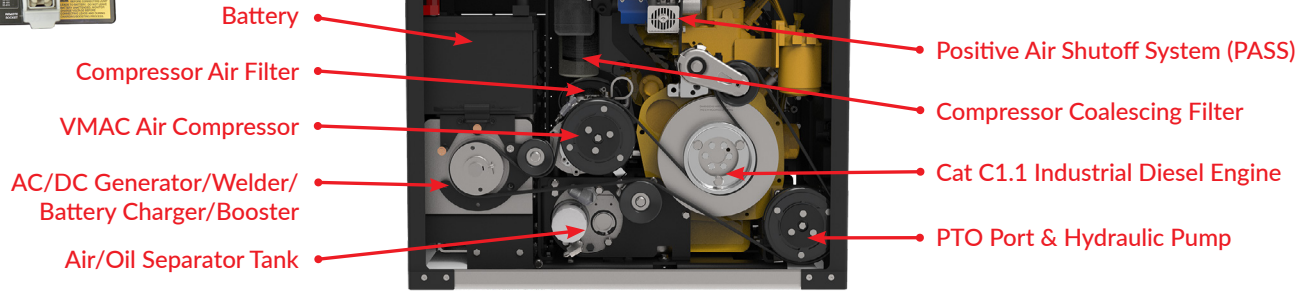
The Shocker PASS® senses high-revving "runaway" situations and will automatically shut the intake valve, choking off the air supply to protect the engine, as well as property and personnel in the area.

COMPONENTS

Generator/Welder Control Box



Control/Digital Display Box



SPECIFICATIONS

Air Compressor Output	45 CFM @ 100 psi (up to 150 psi max)	
Air Compressor	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw	
Engine	Cat C1.1 industrial diesel engine; Inline 3, 4-stroke; naturally aspirated 3,400 RPM, Tier 4 Final	
AC/DC Generator/Welder	AC: 8 kW output (w/ terminal strip) » 1 x 30 A, 240V, 60 Hz 3 phase circuit » 2 x 20 A, 120V, 60 Hz single phase circuit	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	<ul style="list-style-type: none"> » 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	<ul style="list-style-type: none"> » 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	<ul style="list-style-type: none"> » 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 	
Positive Air Shutoff System (PASS)	Shocker PASS® automatically senses high-revving engines situations and closes the air supply to the engine	
Weight (dry)	Approximately 710 lb (322 kg)	
Dimensions	<ul style="list-style-type: none"> » 34.8" (l) x 24.8" (w)* x 31.3" (h); 88.4 cm (l) x 63 cm (w) x 79.5 cm (h) *29.75" (75.6 cm) w/ radiator sound deflector » Base footprint: 34.5" (l) x 19.5" (w); 87.6 cm (l) x 49.5 cm (w) 	
Decibels (dB) @ 21 feet (6.4 m)	74.25 dB at high idle, 69.75 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	<ul style="list-style-type: none"> » Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty (Limited) » Cat engine covered by Caterpillar's 2-year Limited Warranty 	



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VMAC Dealer Information