

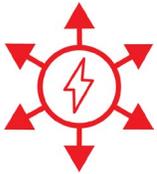


6-IN-1 MULTIFUNCTION POWER SYSTEM

MF - CAT POWER



BENEFITS



Six Power Sources, One Quiet Machine

For industrial job sites or residential areas where noise level is a concern, there is no better system. The VMAC Multifunction Power System, powered by a Tier 4F Cat Industrial Diesel Engine, includes everything you need for safe operation on any job site in a single, compact system. Components include an air compressor, generator, welder, booster/charger, PTO with an optional hydraulic pump, and cold climate kit. With noise reduction panels, low and high idle controls, and Standby Mode, operators can safely communicate while working without disturbing the job site or neighbors.



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 job site. Also, by reducing vehicle weight by up to 140 lb, automatically idling the Cat engine up/down with air demand, and turning the Cat engine off/on with air demand, the VMAC Multifunction Power System allows operators to carry more tools or equipment or improve fuel economy.



Easy To Operate & Switch Between Systems

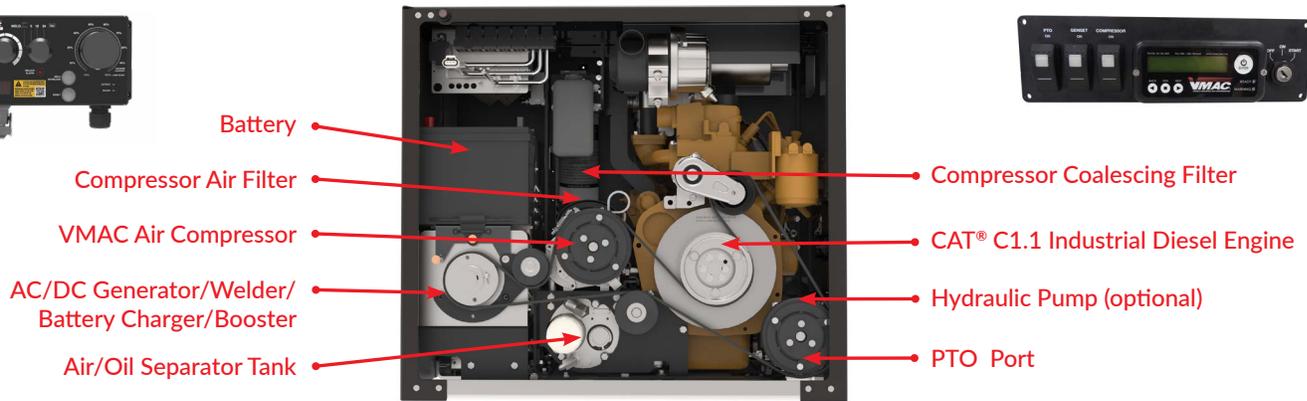
The VMAC Multifunction Power System allows operators to seamlessly switch between operations without the hassle of complicated controls or maneuvering multiple machines on the job site. This means more time working, improving productivity, and getting customers back to work faster. It is designed for ease of use to run efficiently with only one operator.

COMPONENTS

Generator/Welder Control Box



Control/Digital Display Box



SPECIFICATIONS

Air Compressor	» 45 CFM @ 100 psi (up to 150 psi max)	» 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	
Weight (dry)	Approximately 710 lb (322 kg)	
Dimensions	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	
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 » 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"> » 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 in unsafe conditions » Separate selector switches engage compressor, generator and PTO; any function or all three 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); the engine will not shut down automatically with generator selected 	
Cold Climate Protection	<ul style="list-style-type: none"> » Cold climate kit for ambient temperatures below -10°C (14°F) » Optional 1,750 W power inverter allows cold climate kit to engage on the way to the job site » Engine and compressor wait until the system temperatures are above 41°F (5°C) before loading and going into a running state » Engine automatically restarts 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 	
Fuel Supply Options	» 7-gallon tank with fuel gauge and low fuel shut-off sensor	» External Diesel Fuel Pump Kit
Air Receiver Tank	Minimum 10-gallon air receiver tank recommended (not included) 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