

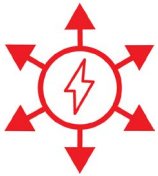


6-IN-1 MULTIFUNCTION POWER SYSTEM

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

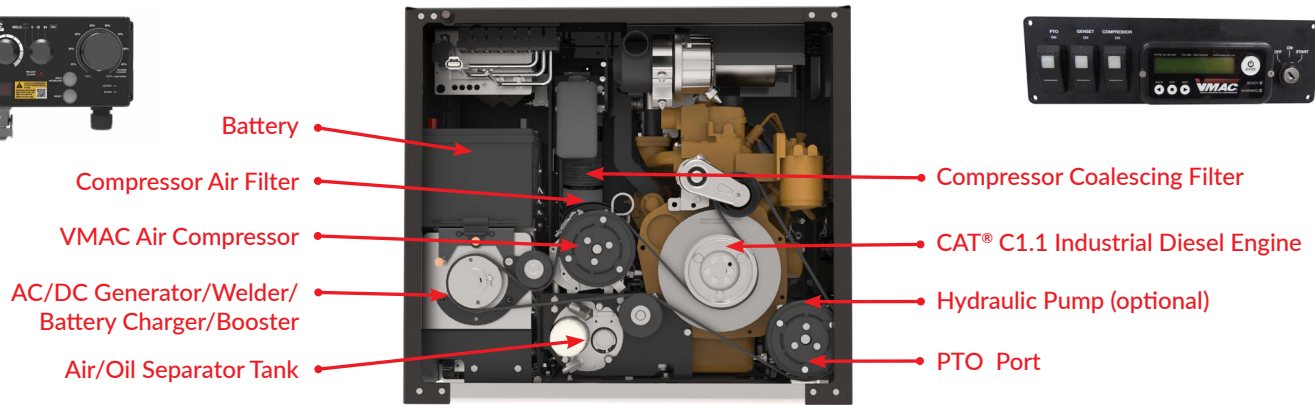
The VMAC Multifunction Power System allows operators to seamlessly switch between operations without the hassle of complicated controls or maneuvering multiple machines on the job site. This means more time working, improving productivity, and getting customers back to work faster. It is designed for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



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)

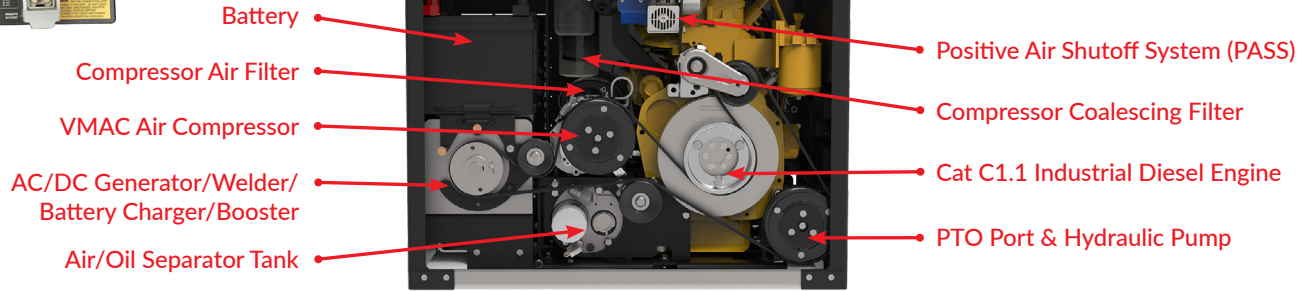
The Shocker PASS® senses high-revving "runaway" situations and will automatically shut the intake valve, choking off the air supply to protect the engine, as well as property and personnel in the area.

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 | » 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 | |
| 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 | » 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 | » 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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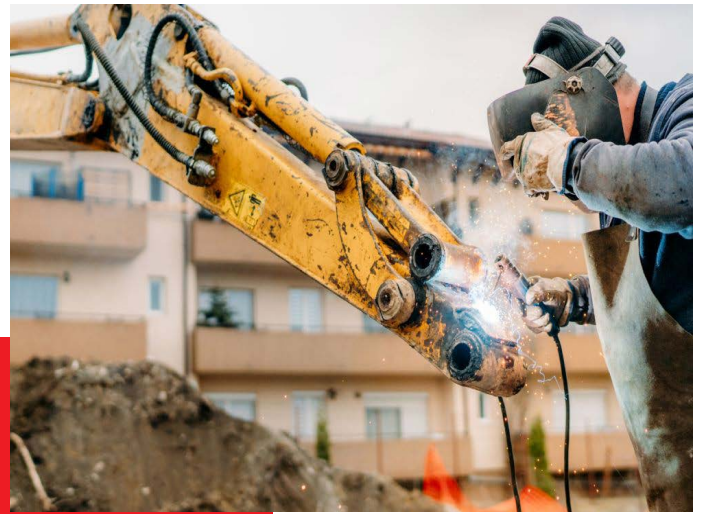


5-IN-1 MULTIFUNCTION POWER SYSTEM

MF - HONDA



POWERED by **HONDA**™



BENEFITS



More Power For Tougher Jobs

The VMAC Multifunction Power System provides 40 CFM @ 100 psi of compressed air, 8 kW of electric power, up to 250 A of welding capability, 12V and 24V charging, and 300 A boosting. This gas powered air compressor, generator, welder, booster and charger combo gives you all the power you need to tackle tough jobs in any location.



A Quiet Multipurpose Machine

VMAC's 5-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

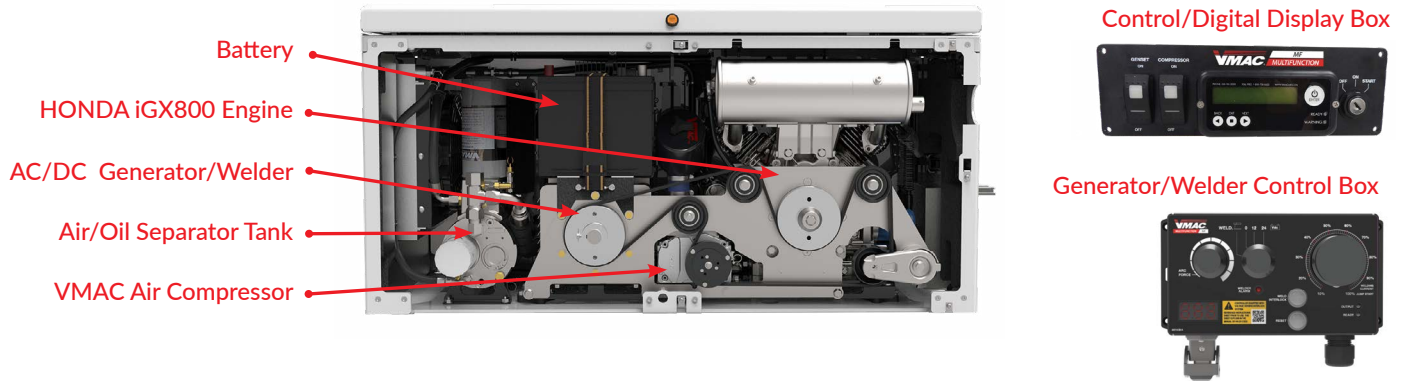
VMAC's 5-in-1 Multifunction is up to 13 cubic feet smaller and 150 lb lighter than comparable multi-power systems. When you choose VMAC for your multi-power needs, you free up valuable cargo space on the truck and reduce your GVW, allowing you to carry more tools, equipment, and materials.



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



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) | 500 lb (227 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 | <table border="0"> <tr> <td>AC: 8 kW output</td> <td>DC: For battery boosting/jump starting, other DC loads</td> </tr> <tr> <td>1 x 30 A, 240V, 60 Hz 3 phase circuit (w/terminal strip)</td> <td>» Boost – 300 A max @ 13V</td> </tr> <tr> <td>» 2 x 20 A, 120V, 60 Hz single phase circuit (w/terminal strip & plugs)</td> <td>» CC mode for SMAW and GTAW (stick/TIG welding)</td> </tr> <tr> <td></td> <td>» Charge – 100 A max @ 12V & 24V</td> </tr> <tr> <td></td> <td>250 A @ 35% duty cycle; 190 A @ 60% duty cycle</td> </tr> </table> | AC: 8 kW output | DC: For battery boosting/jump starting, other DC loads | 1 x 30 A, 240V, 60 Hz 3 phase circuit (w/terminal strip) | » Boost – 300 A max @ 13V | » 2 x 20 A, 120V, 60 Hz single phase circuit (w/terminal strip & plugs) | » 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 |
| AC: 8 kW output | DC: For battery boosting/jump starting, other DC loads | | | | | | | | | | |
| 1 x 30 A, 240V, 60 Hz 3 phase circuit (w/terminal strip) | » Boost – 300 A max @ 13V | | | | | | | | | | |
| » 2 x 20 A, 120V, 60 Hz single phase circuit (w/terminal strip & plugs) | » 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 | | | | | | | | | | |
| Fuel Supply Options | <ul style="list-style-type: none"> » Base-mounted 12-gallon fuel tank uses internal Honda engine fuel pump; includes low fuel level switch; EPA & CARB 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 | <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 should an unsafe condition occur » Separate selector switches engage compressor, generator; any one function or both 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 selected, the engine will not shut down automatically | | | | | | | | | | |
| Cold Climate Protection | <ul style="list-style-type: none"> » 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) | <ul style="list-style-type: none"> » 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 <i>(Recommended but not included)</i> | Minimum 6-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 Limited Warranty » Honda engine is covered by Honda's 3-year Limited Warranty | | | | | | | | | | |





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

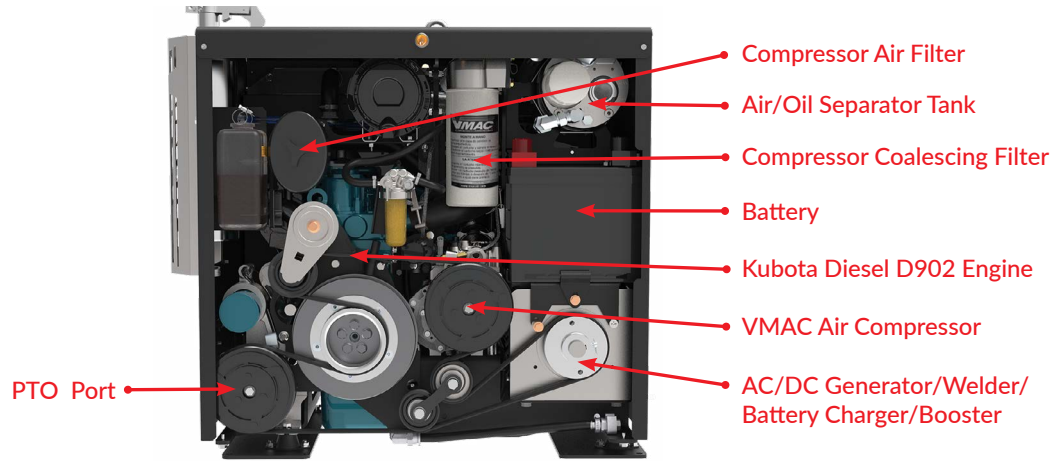
For those who want a truly customized multi-power solution, the VMAC Multifunction Power System can be ordered in numerous configurations. Each customized system will have the same overall size, with differences in overall weight.

COMPONENTS

Generator/Welder Control Box



Control/Digital Display Box



SPECIFICATIONS

| | | |
|--|--|---|
| Air Compressor | » 45 CFM @ 100 psi (175 psi max) | » Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw |
| Engine | Kubota D902 Diesel 3-cylinder, naturally aspirated 3,600 RPM, Tier 4 Final | |
| 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 | |
| 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 » 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 <ul style="list-style-type: none"> » 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"> » 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 | |
| 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 | |
| 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) » Kubota engine covered by Kubota's 2-Year warranty | |



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