

DEALER SALES REFERENCE GUIDE

*A Reference Tool
For VMAC Dealer
Sales Representatives,
Service Technicians,
and Trainers.*



VMAC Dealer Sales Reference Guide

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VMAC Contacts

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VMAC Inside Sales
EM: sales@vmacair.com
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FAX: 1-877-740-3201

VMAC Technical Support
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PH: 1-888-241-2289
FAX: 1-877-740-3201

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EM: marketing@vmacair.com
PH: 1-800-738-8622

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Available Resources

VMAC Dealer Portal www.vmacair.com/login
Request Login ID & Password from National Sales Representative

Online Sales Training www.vmacair.com/training
Must be logged in to VMAC Dealer Portal

VMAC Knowledge Base kb.vmacair.com

VMAC Lifetime Warranty
(Limited) Registration www.vmacair.com/warranty-registration

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About VMAC (Vehicle Mounted Air Compressors)

The Leader In Compressed Air Innovation®

VMAC designs and manufactures the most innovative mobile air compressors and multi-power systems available. An award-winning company with 35 years of history, VMAC is one of the only true air compressor manufacturers in North America. VMAC air compressors and multi-power systems have earned a reputation for extraordinary build quality, durability, and reliability in extreme conditions among operators and fleet managers.

We do this with hard-working and dedicated people who devote their working lives to this industry. VMAC coworkers put their own tools and equipment to the test every day by pushing boundaries in the pursuit of excellence. We use customer feedback and the experience and dedication of our coworkers to build every VMAC mobile air compressor and multi-power system with the promise that it will work as hard as you do. This promise is backed by VMAC's Lifetime Warranty (Limited).

VMAC mobile air compressors and multi-power systems are sold through an extensive network of Dealers with locations throughout North America, Europe, New Zealand, Australia, and the Middle East. VMAC Dealers are as dedicated to service excellence and continuous improvement as we are.

History and Innovation

VMAC Global Technology Inc. was founded in 1986 in Ontario, Canada as Mangonel Corporation by Jim Hogan, who currently serves on the Board of Directors, and his friend Tony Menard.

Tony and Jim were two young mechanical engineers with a keen sense of business and a strong ability to solve persistent mechanical problems. The company was originally funded by the Canadian Military, designing "throw away" jet engines for target drones. When the recession hit, project funding got cancelled, and Tony and Jim transitioned the company into a "build to print" machine shop.

During this time, the service truck industry started changing and required more expertise to solve challenges with new technology. In 1988, Jim and Tony were asked to engineer engine compartment compressor mounts for service trucks. This marked the start of what has now become known as VMAC – Vehicle Mounted Air Compressors.

In 2006, VMAC made the strategic decision to expand the product line with the launch of hydraulic driven deck mounted air compressors. This triggered many more years of innovation with the introduction of new compact and powerful diesel engine driven air compressors and multi-power systems, gas powered air compressors, and PTO driven air compressors and multi-power systems, to keep up with the ever-changing demands of the service truck industry.

Manufacturing Facility

VMAC is located on beautiful Vancouver Island in Nanaimo, British Columbia, Canada. Our facility is situated on eight acres of land in a lush cedar forest, surrounded by undeveloped land with walking trails. Building space totaling 44,000 square feet is where you'll find VMAC's 200+ coworkers, working in various departments and cross-functional teams.

The manufacturing facility is equipped with the most advanced machinery on Vancouver Island, ensuring the most precise and consistent product specifications are achieved.

Guiding Principle

We live our lean culture to ensure our success, empower our people and provide value to our customers and community.

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Purpose

To carry forward the innovative spirit established by our founders through our products, the superior customer service emphasized in our every relationship, and the family values core to how we do business every day.

Our core values serve as the ethical compass that prescribes how we must act to achieve our purpose.

Core Values/Beliefs

- We place the safety of our coworkers & products above all else.
- We treat customers, coworkers & suppliers with respect at all times.
- We continuously improve our processes and products to provide maximum customer value.
- We lead the market by innovating with a deep understanding of product design.
- We aren't afraid to fail. We must test our ideas and learn to succeed.
- We persevere as long as a cause remains worthy.
- We are accountable to ourselves and our teams.
- We must be profitable to be sustainable.

Dealer Agreement Warranty Policy

1. GENERAL

- 1.1 Subject to VMAC's Terms and Conditions of Sale, VMAC warrants its Dealers that all parts of a VMAC system, purchased directly from VMAC, will be free from defects in material and workmanship when shipped by VMAC and during the warranty period.
- 1.2 Warranty will be void if genuine VMAC parts and fluids are not used and proof thereof provided.
- 1.3 Warranty claims will not be processed unless VMAC has received a fully completed warranty registration form. A form is provided with the Owner's Manual or online at www.vmacair.com/warranty.
- 1.4 Warranty claims must be preauthorized by VMAC and the components returned via prepaid freight using a VMAC supplied "Returned Merchandise Authorization" (RMA) number and form.
- 1.5 VMAC products are intended for purchase and use by commercial / industrial users and persons trained and experienced in the use and maintenance of industrial equipment.

2. COVERED BY THIS WARRANTY

- 2.1 The following VMAC Products are covered by this warranty:
 - UNDERHOOD® Air Compressors.
 - Direct-Transmission Mounted PTO Driven Air Compressors & Multi-Power Systems (except the PTO (Power Take Off) and hydraulic pump).
 - Hydraulic Driven Air Compressors.
 - Diesel Driven Air Compressors (except the engine).
 - Gas Powered Air Compressors (except the engine).
 - Multifunction Power Systems (except the engine)
 - VMAC Parts and Accessories.

3. WARRANTY START DATE

- 3.1 Warranty will start from the date of installation of the VMAC system. The fully completed, returned warranty registration form marks the date of installation. If the warranty registration form has not been received by VMAC within 6 months of the date of installation, the warranty period will start 30 days from the date of shipment from VMAC.

4. WARRANTY PERIOD

- 4.1 2 years or 2000 hours (whichever is reached first).
 - Compressor Assembly (except the clutch). Brackets.

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- Air Oil Separator Tank. Oil Cooler.
 - Electrical & Electronic Components.
 - Control Box.
 - Throttle Controls when purchased as a complete VMAC system.
- 4.2 1 year or 1000 hours (whichever is reached first).
- Welder Control Box.
 - Display Box.
 - Custom / OEM Air Compressor Systems.
 - Replacement parts purchased from VMAC.
 - All other new parts and accessories purchased from VMAC and not listed above.
- 4.3 6 months (from date of shipment from VMAC).
- Factory rebuilt parts.
- 4.4 Remainder of original warranty period.
- Parts sent as warranty replacements.

5. THIS LIMITED WARRANTY SHALL NOT APPLY TO:

- 5.1 Damage or failures that in VMAC's sole discretion, have resulted from accidents, abuse, misuse, modification, alteration, improper installation, application or storage, lack of maintenance or servicing, improper operation (based upon VMAC manuals).
- 5.2 Warranty work or returns undertaken without prior authorization.
- 5.3 Engines, Power Take Offs, and Hydraulic Pumps (these items are covered by the manufacturer's warranty, if any).
- 5.4 Time or labour costs to gain access to the machine.
- 5.5 Travel time or expenses.
- 5.6 Towing or recovery costs.
- 5.7 Labour costs in excess of VMAC's set rates and/or Labour Time Guide. The Labour Guide is located in the Dealer Portal section of the VMAC website at www.vmacair.com.
- 5.8 Labour costs on parts sales.
- 5.9 Shop supplies.
- 5.10 Parts or systems that have been installed and unused (unless service and maintenance has been completed as detailed in the Owner's Manual).
- 5.11 Normal maintenance or service, including tightening of nuts, bolts and fittings, and the replacement of parts used or consumed during normal service including, filters, belts, hoses, spark plugs, lubricants and other parts susceptible to natural and normal wear and tear.

6. DEALER OBLIGATIONS

- 6.1 The online Warranty Registration Form located at www.vmacair.com/warranty must be fully completed by the Dealer and returned to VMAC upon completion of the installation.
- 6.2 VMAC must be notified of any alleged defect and if required by VMAC, the allegedly defective parts will be returned, by prepaid freight, to a facility designated by VMAC, within 30 days of initial discovery.
- 6.3 All costs associated with the warranty claim will be prepaid by the Dealer.
- 6.4 All receipts and invoices associated with the warranty claim will be submitted to VMAC for evaluation within 90 days of replacement parts being shipped by VMAC.
- 6.5 Purchaser will pay the Dealer for any replacement parts shipped from VMAC within the terms agreed. If in VMAC's sole discretion, the allegedly defective parts are warranted, a credit will be applied to the Dealer's account, who will in turn credit the purchaser's account.

7. VMAC'S OBLIGATIONS

- 7.1 In the event of a warranty claim covered by this Limited Warranty, the exclusive remedies shall be, at VMAC's sole discretion: (i) repair; or (ii) replacement; (iii) where authorized in writing by VMAC

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in appropriate cases, payment of (or credit for) the purchase price (less reasonable depreciation based upon actual use) upon return of the parts at the Dealer's risk and expense.

7.2 VMAC reserves the right to modify, alter or improve any part without any obligation to inform Dealers, or modify or replace any existing parts. VMAC will transfer this warranty, for the duration of the original warranty, if the new purchaser completes, and returns to VMAC, a completed Warranty Registration Form.

7.3 VMAC will pay standard ground / sea freight for any warranted part shipped to and from VMAC, or VMAC designated facility, within the applicable warranty period. Any additional expedited freight cost is the responsibility of the Dealer.

8. LIMITED LIFETIME WARRANTY

8.1 A Lifetime Limited Warranty is offered on the base air compressor only and only on UNDERHOOD®, Hydraulic Driven, Direct-Transmission Mounted PTO Driven, Gas and Diesel Engine Driven, Multifunction Power Systems, and other products as defined by VMAC, provided that (i) the purchaser fully completes and returns a warranty registration form within 3 months of installation, or 200 hours of operation, whichever occurs first; (ii) services are completed in accordance with the Owner's Manual; (iii) proof of purchase of applicable service kits are made available to VMAC upon request

9. DISCLAIMER

9.1 TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, THE REMEDIES PROVIDED HEREIN ARE THE SOLE AND EXCLUSIVE REMEDIES APPLICABLE TO THE VMAC PARTS. IN NO EVENT SHALL VMAC BECOME LIABLE FOR DIRECT, INDIRECT, SPECIAL, PUNITIVE, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING LOSS OF PROFIT OR LOST BUSINESS OPPORTUNITY), WHETHER BASED ON CONTRACT, TORT OR ANY OTHER LEGAL THEORY. IN NO EVENT SHALL VMAC BECOME OBLIGATED TO PAY MORE ON ANY WARRANTY CLAIM THAN THE PURCHASE PRICE ACTUALLY PAID BY THE PURCHASER.

9.2 THIS LIMITED WARRANTY IS MADE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND/OR FITNESS FOR A PARTICULAR PURPOSE, OR ANY OTHER WARRANTY OR GUARANTEE ARISING BY OPERATION OF LAW. ANY WARRANTY NOT EXPRESSLY PROVIDED HEREIN, IMPLIED WARRANTY, GUARANTEE AND ANY REPRESENTATION REGARDING THE PERFORMANCE OF THE PARTS, AND ANY REMEDY FOR BREACH OF CONTRACT, IN TORT, OR ANY OTHER LEGAL THEORY WHICH, BUT FOR THIS PROVISION, MIGHT ARISE BY IMPLICATION, OPERATION OF LAW, CUSTOM OF TRADE, OR COURSE OF DEALING ARE EXCLUDED AND DISCLAIMED BY VMAC.

9.3 This warranty gives you specific legal rights, and you may have other rights that vary from province to province, state to state or country to country. Other than as permitted by law, VMAC does not exclude, limit or suspend other rights you may have. For a full understanding of your rights you should consult the laws of your country, province or state.

Notes

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VMAC Air Compressors & Multifunction Power Systems

The leader in compressed air innovation®

VMAC designs and manufactures the most innovative mobile air compressors and multi-power systems available.

With VMAC, you choose the air compressor or multi-power system that best works for your application. All systems feature patented VMAC rotary screw air compressor which includes a VMAC Lifetime Warranty (Limited).

Diesel Engine Driven 60 CFM Air Compressors (D60) - The most intelligent mobile air compressor available.

Gas Powered Air Compressors & Air Compressors/Generators - The most affordable gas powered rotary screw air compressors and air compressor/generators available.

30 CFM Gas Powered Air Compressors (G30) – The best choice for customers who need lightweight, compact performance at the lowest price.

25 CFM/3600 W Gas Powered Air Compressor/Generators (G30+GEN) – Combines two convenient forms of power into a single, innovative system.

Hydraulic Driven Air Compressors - The smartest, smallest and most powerful hydraulic air compressor available.

25-40 CFM Deck Mounted Air Compressors (H40)

40-60 CFM Deck Mounted Air Compressors (H60)

Multifunction Power Systems (MF) - The best choice for customers who need a versatile multi-power machine that can handle any job.

Multifunction – 5-in-1 Power System (Powered by Honda)

Multifunction – 6-in-1 Power System (Kubota engine or Cat Power)

Multifunction – 6-in-1 – Oilman Series Power System (Cat Power)

Multifunction – Compressor-Generator-Welder Power System (Kubota engine)

Direct-Transmission Mounted (DTM) Air Compressors & Multi-Power Systems - The world's only direct-transmission mounted PTO driven air compressors and multi-power systems.

70 CFM Direct-Transmission Mounted Air Compressor (DTM70) – The world's only direct-transmission mounted PTO driven air compressor.

Direct-Transmission Mounted PTO Driven Multi-Power System (DTM70-H) – The world's only direct-transmission mounted PTO driven air compressor with hydraulics.

UNDERHOOD® Air Compressors - The most compact, powerful mobile air compressors available.

UNDERHOOD® 40 – Truck Series Air Compressors - The lightest weight mobile air compressor available.

UNDERHOOD® 40 – Van Series Air Compressors - The only air compressor specifically engineered for commercial vans.

UNDERHOOD® 70 Air Compressors - The most compact mobile air compressor available.

UNDERHOOD® 150 Air Compressors - The most powerful, compact mobile air compressor available.

OEM Custom Solutions – The most innovative custom rotary screw air compressors available.

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VMAC Product Matrix

Air Compressor	Max CFM	Max psi	Mounting Method	Drive	Engine Power	Vehicle Requirements	Weight (wet)	Dimensions
D60 - Diesel Engine Driven	60 CFM	150 psi	Above Deck	Kubota D902 Diesel	23.5 HP	N/A	415 lb (188 kg)	34.5" (l) x 18" (w) x 28" (h); 87.6 cm (l) x 45.7 cm (w) x 71.1 cm (h)
G30 - Gas Powered	30 CFM	150 psi	Above Deck	Honda GX390 Gas	11.7 HP	N/A	205 lb (93 kg)	33.5" (l) x 21.4" (w) x 23.9" (h); 85.1 cm (l) x 54.4 cm (w) x 60.7 cm (h)
G30 – Stacked Gas Powered	30 CFM	150 psi	Above Deck	Honda GX390 Gas	11.7 HP	N/A	210 lb (95 kg)	20" (l) x 18" (w) x 38" (h); 50.8 cm (l) x 45.7 cm (w) x 96.5 cm (h)
G30+GEN – Gas Powered	25 CFM	150 psi	Above Deck	Honda GX390 Gas	11.7 HP	N/A	295 lb (134 kg)	42.8" (l) x 21.4" (w) x 23.9" (h); 108.7 cm (l) x 54.4 cm (w) x 60.7 cm (h)
H40 - Hydraulic Driven	40 CFM	150 psi	Above Deck	Hydraulic	N/A	9-12 GPM (34-46 LPM); open center hydraulic circuit	150 lb (68 kg)	24" (l) x 16.5" (w) x 18" (h); 61 cm (l) x 41.9 cm (w) x 45.7 cm (h)
H60 - Hydraulic Driven	60 CFM	150 psi	Above Deck	Hydraulic	N/A	14-21 GPM (53-80 LPM); open center hydraulic circuit	160 lb (73 kg)	24" (l) x 16.5" (w) x 18" (h); 61 cm (l) x 41.9 cm (w) x 45.7 cm (h)
Multifunction – 5-in-1 Power System - Honda	40 CFM	150 psi	Above Deck	Honda iGX800 Gas	24.9 HP	N/A	500 lb (227 kg)	47" (l) x 20" (w) x 23.5" (h); 120 cm (l) x 51 cm (w) x 60 cm (h)
Multifunction - 6-in-1 Power System – Kubota	45 CFM	175 psi	Above Deck	Kubota D902 Diesel	23.5 HP	N/A	570 lb (259 kg)	33" (l) x 23" (w)* x 29" (h); 83.8 cm (l) x 58.4 cm (w)* x 73.7 cm (h) *27" (68.6 cm) w/ radiator sound deflector
Multifunction - 6-in-1 Power System – Cat Power	45 CFM	175 psi	Above Deck	Cat C1.1 Diesel	24.7 HP	N/A	710 lb (322 kg)	34.8" (l) x 24.8" (w) x 31 1/3" (h); 88.4 cm (l) x 63 cm (w) x 79.5 cm (h)
DTM70 - Direct-Transmission Mounted	70* CFM	175 psi	Transmission Mounted	Chelsea*** PTO Driven	N/A	DTM and UNDERHOOD air compressors are developed for specific vehicle makes, models, and engines. For the complete application list of UNDERHOOD® and Transmission Mounted systems, visit www.vmacair.com/application-list	150 lb (68 kg)	N/A
DTM70-H - Direct-Transmission Mounted Multi-Power System	65** CFM	175 psi	Transmission Mounted	Chelsea*** PTO Driven	N/A		180 lb (81.6 kg)	N/A
UNDERHOOD® 40 – Truck Series	40 CFM	150 psi	Engine Mounted	Truck Engine Driven	N/A		62 lb (28 kg)	WHASP Tank: 19.75" (l) x 8" (w) x 17.5" (h); 44.5 cm (l) x 20.3 cm (w) x 50.2 cm (h)
UNDERHOOD® 40 – Van Series	40 CFM	150 psi	Engine Mounted	Van Engine Driven	N/A		85 lb (39 kg)	WHASP Tank: 19.75" (l) x 8" (w) x 17.5" (h); 44.5 cm (l) x 20.3 cm (w) x 50.2 cm (h)
UNDERHOOD® 70	70* CFM	175 psi	Engine Mounted	Truck Engine Driven	N/A		150 lb (68 kg)	N/A
UNDERHOOD® 150	110* CFM	175 psi	Engine Mounted	Truck Engine Driven	N/A		200 lb (91 kg)	N/A

*Actual maximum CFM output varies per kit. See the VMAC vehicle-integrated app list for details

**Actual maximum CFM and GPM output dependent on hydraulic pump and engine RPM

***Chelsea PTO included

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UNDERHOOD® Air Compressors

Overview

THE MOST COMPACT, POWERFUL MOBILE AIR COMPRESSORS AVAILABLE.

UNDERHOOD® Air Compressor is the best choice for customers who need to save cargo space, reduce truck GVW, and minimize maintenance requirements.

All systems feature the patented VMAC rotary screw air compressor that includes a VMAC Lifetime Warranty.

Key Selling Points

Features	Advantages	Benefits
Models available range from up to 40 CFM to up to 110 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 1,900 lb (862 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 80 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Vehicle engine driven	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Notes

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UNDERHOOD® 40 Air Compressors – Truck Series



System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE LIGHTEST WEIGHT MOBILE AIR COMPRESSOR AVAILABLE.

The VMAC UNDERHOOD® 40 rotary screw air compressor system is the perfect solution for service trucks and operators who use small air tools for light duty applications.

VMAC engineers truck mounting kits for the easiest possible installation. Working closely with leading truck manufacturers, VMAC ensures that mounting kits do not affect OEM warranties.

Key Selling Points

Features	Advantages	Benefits
Up to 40 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 23 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 290 lb (132 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Vehicle engine driven	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

- Tire servicing
- Utility servicing
- Forklift repair

Air Tools

- 3/4" impact wrenches
- Light chipping hammers
- Die grinders
- Tire inflation

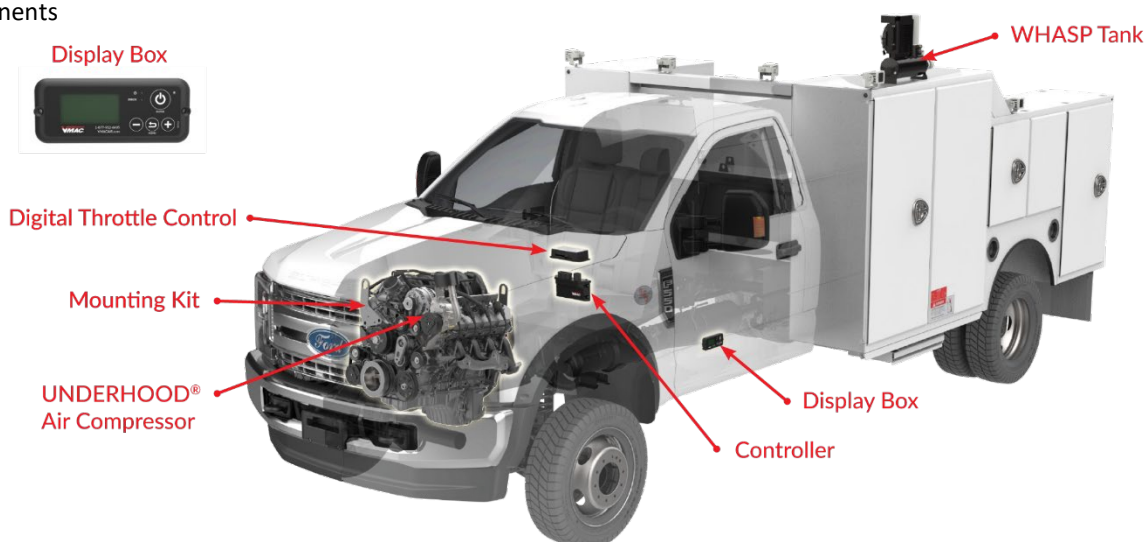
Truck Mounting Kits

- Ford F-250 to F-600 Power Stroke Diesel
- Ford F-250 to F-600 Gas
- RAM 2500 to 5500 Cummins Turbo Diesel

Some applications are restricted to specific series and/or models. Please confirm compatible vehicles on VMAC's application list: www.vmacair.com/application-list

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Components



Specifications

The specifications below are for UNDERHOOD® 40 systems with Advanced Digital Controls.

Alternatively, you can view legacy UNDERHOOD® 40 specifications at www.vmacair.com/trucks-legacy.

Air Compressor Output	Up to 40 CFM* @ 100 psi (150 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Total System Weight (wet)	Approximately 62 lb (28 kg)
WHASP Tank	<ul style="list-style-type: none"> Combined air/oil cooler, air/oil separator tank 19.75" (l) x 8.0" (w) x 17.5" (h); 44.5 cm (l) x 20.3 cm (w) x 50.2 cm (h)
Digital Throttle Control	<ul style="list-style-type: none"> Two-speed operation Automatically modulates engine RPM depending on air usage
Display Box	<ul style="list-style-type: none"> On/Off function of compressor OLED displays real-time system information, service notifications & informative diagnostics messages Interface for adjusting all compressor and throttle control settings
Control Module (Controller)	<ul style="list-style-type: none"> Continually monitors sensor health and safety interlocks Optional telematics provide real-time diagnostics, system use, hours, service intervals, remote start/stop, and error codes through industry standard J1939 interface
Safety System	<ul style="list-style-type: none"> Automatic system checks prior to engaging compressor Compressor temperature, pressure & blowdown sensors Compressor thermal protection circuit Open/short circuit real-time diagnostics on sensors Automatic rapid blow-down valve & 200 psi air pressure relief valve on WHASP tank Safety interlocks fully integrate into the control system, including transmission park signal and parking brake Air-to-liquid cooler fan automatically engages when needed
Air Receiver Tank (required, not included)	Minimum 6-gallon air receiver tank required for best performance
Warranty	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Warranty (Limited); for details, visit www.vmacair.com/warranty

*Actual maximum CFM output of the air compressor varies by vehicle application. See www.vmacair.com/application-list for details.

Advanced Digital Controls & Telematics available for most popular 2023+ model year work trucks; see application list for details.

VMAC Dealer Sales Reference Guide

UNDERHOOD® 40 Service Kits

- A700263 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700264 – 400 Hour / 12-Month VMAC Compressor Service Kit

UNDERHOOD® 40 Accessories

- A700224 – Remote Muffler Accessory Pack
- A800070 – Air Aftercooler – 70 CFM

Notes

VMAC Dealer Sales Reference Guide

UNDERHOOD® 40 Air Compressors – Van Series



System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE ONLY AIR COMPRESSOR SPECIFICALLY ENGINEERED FOR COMMERCIAL VANS.

The VMAC UNDERHOOD® 40 rotary screw air compressor system is the only solution for commercial vans and operators who use small air tools for light duty applications, and is the only air compressor that solves common safety issues found with traditional air compressors in vans.

VMAC engineers van mounting kits for the easiest possible installation. Working closely with leading commercial van manufacturers, VMAC ensures that mounting kits do not affect OEM warranties.

Key Selling Points

Features	Advantages	Benefits
Up to 40 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 10 cubic feet smaller	Frees up cargo space in vans	More space for storing tools, equipment, and other materials
Up to 290 lb (132 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Vehicle engine driven	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates
Under the hood placement eliminates common safety issues	Eliminates safety hazards van operators face including lifting injuries, toxic fume exposure, and gas fires inside the cargo area	Keep operators and equipment safe, minimize downtime and risk of on-the-job accidents

Applications

- Tire servicing
- Utility servicing
- Forklift repair

Air Tools

- 3/4" impact wrenches
- Light chipping hammers
- Die grinders
- Tire inflation

Van Mounting Kits

- Ford Transit EcoBoost Gas
- Ford Transit PFDi Gas
- Mercedes-Benz Sprinter Turbo Diesel
- Freightliner Sprinter Turbo Diesel

Some applications are restricted to specific series and/or models. Please confirm compatible vehicles on VMAC's application list: www.vmacair.com/application-list

VMAC Dealer Sales Reference Guide

Components



Specifications

The specifications below are for UNDERHOOD® 40 systems with Advanced Digital Controls.

Alternatively, you can view legacy UNDERHOOD® 40 specifications at www.vmacair.com/vans-legacy.

Air Compressor Output	Up to 40 CFM* @ 100 psi (150 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Total System Weight (wet)	Approximately 85 lb (38.5 kg)
WHASP Tank	<ul style="list-style-type: none"> Combined air/oil cooler, air/oil separator tank 19.75" (l) x 8.0" (w) x 17.5" (h); 44.5 cm (l) x 20.3 cm (w) x 50.2 cm (h)
Digital Throttle Control	<ul style="list-style-type: none"> Two-speed operation Automatically modulates engine RPM depending on air usage
Display Box	<ul style="list-style-type: none"> On/Off function of compressor OLED displays real-time system information, service notifications & informative diagnostics messages Interface for adjusting all compressor and throttle control settings
Control Module (Controller)	<ul style="list-style-type: none"> Continually monitors sensor health and safety interlocks Optional telematics provide real-time diagnostics, system use, hours, service intervals, remote start/stop, and error codes through industry standard J1939 interface
Safety System	<ul style="list-style-type: none"> Automatic system checks prior to engaging compressor Compressor temperature, pressure & blowdown sensors Compressor thermal protection circuit Open/short circuit real-time diagnostics Automatic rapid blow-down valve & 200 psi air pressure relief valve on WHASP tank Safety interlocks fully integrate into the control system, including transmission park signal and parking brake Air-to-liquid cooler fan automatically engages when needed
Air Receiver Tank (required, not included)	Minimum 6-gallon air receiver tank required for best performance
Warranty	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Warranty (Limited); for details, visit www.vmacair.com/warranty

*Actual maximum CFM output of the air compressor varies by vehicle application. See www.vmacair.com/application-list for details.

Advanced Digital Controls & Telematics available for most popular 2023+ model year commercial vans; see application list for details.

VMAC Dealer Sales Reference Guide

UNDERHOOD® 40 Service Kits

- A700263 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700264 – 400 Hour / 12-Month VMAC Compressor Service Kit

UNDERHOOD® 40 Accessories

- A700224 – Remote Muffler Accessory Pack
- A800070 – Air Aftercooler – 70 CFM

Notes

VMAC Dealer Sales Reference Guide



UNDERHOOD® 70 Air Compressors

System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE MOST COMPACT MOBILE AIR COMPRESSOR AVAILABLE.

The VMAC UNDERHOOD® 70 air compressor system is the best choice for fleet managers and owners with space and weight concerns on their service trucks. The powerful rotary screw air compressor is ideal for operating small to medium sized air tools with high air demand.

VMAC engineers truck mounting kits for the easiest possible installation. Working closely with leading truck manufacturers, VMAC ensures that mounting kits do not affect OEM warranties.

Key Selling Points

Features	Advantages	Benefits
Up to 70 CFM, 100% of the time	No time wasted waiting for air; no air receiver tank required	Get jobs done faster, improve productivity
Up to 25 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 260 lb (118 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Vehicle engine driven	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

- Commercial tire services
- Utility servicing
- Heavy equipment repair
- Sign installation
- Oil and gas mobile mechanics

Air Tools

- 1" impact wrenches
- 60 lb jackhammers/pavement breakers
- Backfill tampers
- Vertical/horizontal grinders
- Sanders
- OTR tire inflation

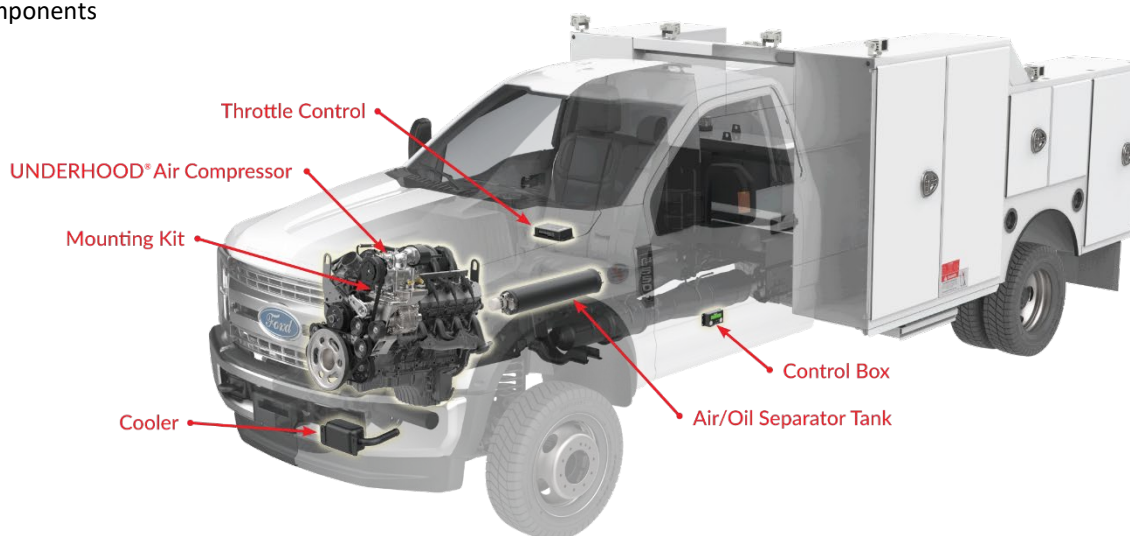
Truck Mounting Kits

- Ford F-250 to F-600 Power Stroke Diesel
- Ford F-250 to F-600 Gas
- RAM 2500 to 5500 Cummins Turbo Diesel
- RAM 2500 to 5500 HEMI Gas
- GMC/Chevrolet 2500HD to 3500HD Gas
- GMC/Chevrolet C4500 to C6500 Duramax Diesel
- International CV 515 Duramax Diesel

VMAC Dealer Sales Reference Guide

Some applications are restricted to specific series and/or models. Please confirm compatible vehicles on VMAC's application list: www.vmacair.com/application-list

Components



Specifications

Air Compressor Output	Up to 70 CFM* @ 100 psi (175 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Total System Weight (wet)	Approximately 150 lb (68 kg)
Control Box	<ul style="list-style-type: none"> • LCD display • Service notifications • Displays error messages and stores error codes • System temperature
Throttle Control	Variable speed; digital throttle control connects to OBD2 CAN bus connector**; adjusts truck engine speed automatically to match air demand
Safety System	<ul style="list-style-type: none"> • Electro-magnetic clutch • Compressor over-temp sensor • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Truck drive disable circuit on throttle control • Truck park brake safety shut-off switch on control box
Warranty	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Warranty (Limited); for details, visit www.vmacair.com/warranty

*Actual maximum CFM output of the air compressor varies by vehicle application. See Application List for details.

**2019+ model year trucks only

UNDERHOOD® 70 Service Kits

- A700019 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700020 – 400 Hour / 12-Month VMAC Compressor Service Kit

UNDERHOOD® 70 Accessories

- A700031 – Air System De-icer
- A700151 – Filter Regulator Lubricator – up to 70 CFM
- A800070 – Air AfterCooler – up to 70 CFM

VMAC Dealer Sales Reference Guide

Notes

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UNDERHOOD® 150 Air Compressors



System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE MOST POWERFUL, COMPACT MOBILE AIR COMPRESSOR AVAILABLE.

The VMAC UNDERHOOD® 150 air compressor system is the best choice for fleet managers and owners with space and weight concerns on their service or utility truck.

The powerful rotary screw air compressor is ideal for operating large-size air tools like post-pounders or jack hammers. This means that it replaces large utility-mount or portable tow-behind air compressors.

Key Selling Points

Features	Advantages	Benefits
90-110 CFM*, 100% of the time *actual maximum CFM output varies based on truck application	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 80 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 1,900 lb (862 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Under-the-hood placement	Frees up truck hitch	Improves productivity by allowing other equipment to be towed. Minimizes required trips to the jobsite or number of trucks needed
Vehicle engine driven	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

- Pressurizing gas lines
- Fiber optic cable shooting
- Sand blasting
- Sprinkler irrigation
- Monument engraving
- Road repair/crack sealing
- Utility servicing

Air Tools

- 90 lb jackhammers/pavement breakers
- Trenchless piercing tools
- Pneumatic saws
- Post-pounders
- Piercing Tools
- Rock Drills
- Air knives

Truck Mounting Kits

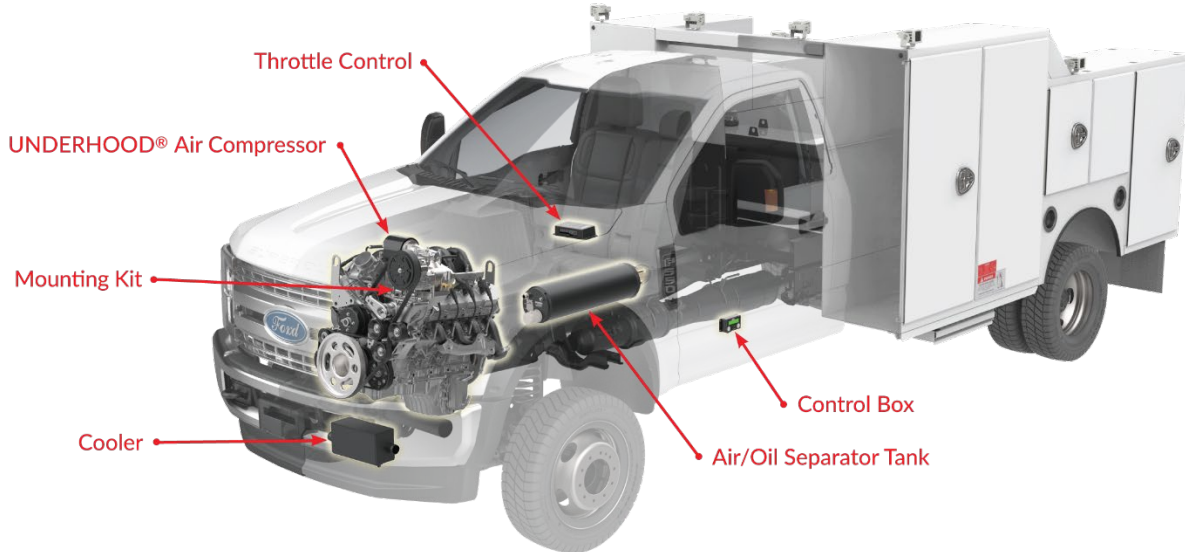
- Ford F-250 to F-600 Power Stroke Diesel
- Ford F-250 to F-600 Gas

VMAC Dealer Sales Reference Guide

- RAM 3500 to 5500 Chassis Cab Cummins Turbo Diesel

Some applications are restricted to specific series and/or models. Please confirm compatible vehicles on VMAC's application list: www.vmacair.com/application-list

Components



Specifications

Air Compressor Output	90 to 110 CFM* @100 psi (175 psi max)
Air Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Total System Weight (wet)	Approximately 200 lb (90 kg)
Control System	<ul style="list-style-type: none"> • LCD display • Service notifications • Displays error messages and stores error codes • System temperature
Throttle Control	Variable speed; digital throttle control connects to OBD2 CAN bus connector**; adjusts truck engine speed automatically to match air demand
Safety System	<ul style="list-style-type: none"> • Electro-magnetic clutch • Compressor over-temp sensor • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Truck drive disable circuit on throttle control • Truck park brake safety shut-off switch on control box
Warranty	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Warranty (Limited); for details, visit www.vmacair.com/warranty

*Actual maximum CFM output of the air compressor varies by vehicle application. See Application List for details.

**2019+ model year trucks only

UNDERHOOD® 150 Service Kits

- A700059 – 200 Hour / 6-Year VMAC Compressor Service Kit
- A700060 – 400 Hour / 12-Year VMAC Compressor Service Kit

VMAC Dealer Sales Reference Guide

UNDERHOOD® 150 Accessories

- A700031 – Air System De-icer
- A800185 – Air AfterCooler – up to 185 CFM (includes Filter Regulator Lubricator)
- A700221 – Filter Regulator Lubricator – up to 185 CFM

Notes

VMAC Dealer Sales Reference Guide

Direct-Transmission Mounted PTO Driven Air Compressors & Multi-Power System (DTM70 & DTM70-H)

VMAC's DTM70 and DTM70-H are the world's only direct-transmission mounted PTO driven air compressors and multi-power systems.

These PTO driven systems are the best choice for customers who are concerned with saving space and reducing weight on their service trucks. The DTM70 provides up to 70 CFM and the DTM70-H provides up to 65 CFM* of air and up to 8.0 GPM* of hydraulic flow at 3,625 psi*. All DTM systems operate at 100% duty cycle.

Models Available

With VMAC Direct-Transmission PTO driven systems, you can choose the model that best works for your application, either with or without a hydraulic pump.

- 70 CFM Direct-Transmission Mounted Air Compressor (DTM70)
- Direct-Transmission Mounted PTO Driven Multi-Power System (DTM70-H)

*Actual CFM and GPM output varies based on truck model year, engine RPM, hydraulic pump size, and operating mode.

Direct-Transmission Mounted PTO Driven Air Compressors (DTM70)

System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE WORLD'S ONLY DIRECT-TRANSMISSION MOUNTED PTO DRIVEN AIR COMPRESSOR.

This system is the best choice for fleet managers and owners who are concerned with saving space and reducing weight on their service trucks. This powerful rotary screw air compressor is ideal for operating small to medium sized air tools with high air demand, like 1" impact wrenches, 60 lb jackhammers, backfill tampers, vertical/horizontal grinders and sanders.

The system is designed for the Ford F-250 to F-600 Super Duty 6.7 L Power Stroke diesel 4x2 and 4x4 work truck with TorqShift™ Automatic Transmission and the RAM 3500 to 5500 chassis cab 6.7 L Cummins diesel 4x2 and 4x4 work truck with AISIN Automatic Transmission and PTO prep package (option code LBN).

Key Selling Points

Features	Advantages	Benefits
Up to 70 CFM, 100% of the time	No time wasted waiting for air; no air receiver tank required	Get jobs done faster, improve productivity
Up to 25 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 260 lb (118 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
50% faster installs	No modifications required to Ford transfer case, no drive shafts are required to cause alignment issues	Fast, easy installs save time and money
Powered by PTO mounted on the truck's transmission	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Integrated automatic heater	Cold climate protection	Jobs can be completed in the most extreme climates

VMAC Dealer Sales Reference Guide

Applications

- Commercial tire services
- Utility servicing
- Heavy equipment repair
- Sign installation
- Oil and gas mobile mechanics

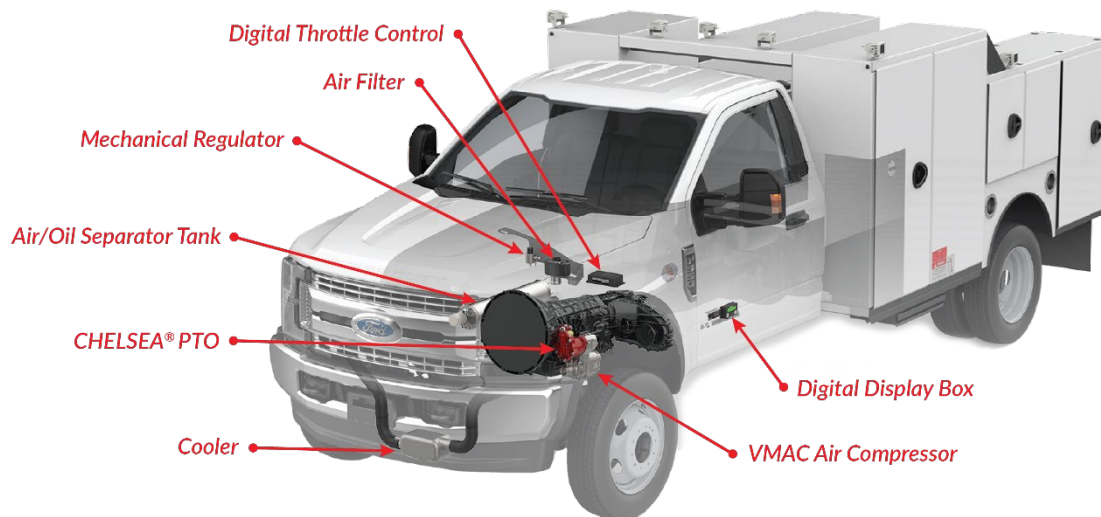
Air Tools

- 1" impact wrenches
- 60 lb jackhammers/pavement breakers
- Backfill tampers
- Vertical/horizontal grinders
- Sanders
- OTR tire inflation
- Many other air tools/applications

Truck Mounting Kits

- Ford F-250 to F-600 Power Stroke Diesel
- RAM 3500 to 5500 Chassis Cab Cummins Diesel

Components



Specifications

Air Compressor Output	Up to 70 CFM @ 100 psi (175 psi max)
Air Compressor Type	PTO driven, direct transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw
PTO (included)	CHELSEA® PTO; electrically actuated, PTO indicator lamp <ul style="list-style-type: none">• CHELSEA® 272 Series (RAM)• CHELSEA® 210 Series (Ford)
Weight (wet)	Approximately 150 lb (68 kg)
Display Box	<ul style="list-style-type: none">• On/Off function of PTO and compressor• LCD display

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	<ul style="list-style-type: none"> • Service notifications • Displays error messages and stores error codes • System temperature
Throttle Control	Variable speed; digital throttle control connects to OBD2 CAN bus connector; adjusts truck engine speed automatically to match air demand
Safety System	<ul style="list-style-type: none"> • Automatic compressor heater function • Compressor over-temp sensor • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Truck drive disable circuit on throttle control • Truck park brake safety shut-off switch on control box
Warranty	<ul style="list-style-type: none"> • Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty (Limited) • Chelsea PTO is covered by Parker Chelsea Two Year Warranty

DTM Service Kits

- A700229 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700230 – 400 Hour / 12-Month VMAC Compressor Service Kit

DTM Accessories

- A700031 – Air System De-icer
- A700151 – Filter Regulator Lubricator – up to 70 CFM
- A800070 – Air AfterCooler – up to 70 CFM

Notes

VMAC Dealer Sales Reference Guide

Direct-Transmission Mounted PTO Driven Multi-Power System (DTM70-H)

System Part #: See VMAC's Vehicle-Integrated Application List: www.vmacair.com/application-list

Overview

THE WORLD'S ONLY DIRECT-TRANSMISSION MOUNTED PTO DRIVEN AIR COMPRESSOR WITH HYDRAULICS.

The VMAC DTM70-H multi-power system is a direct-transmission mounted PTO driven air compressor with a hydraulic pump. The DTM70-H system is the best choice for fleet managers and owners who need to save space, reduce weight, and use air and hydraulic power at the same time. The DTM70-H multi-power system allows customers to simultaneously operate small to medium sized air tools alongside a hydraulic crane or other equipment.

The system is designed for the Ford F-350 to F-600 Super Duty 6.7 L Power Stroke diesel 4x2 and 4x4 work truck with TorqShift™ Automatic Transmission.

Key Selling Points

Features	Advantages	Benefits
Up to 65 CFM & up to 8 GPM* <i>(*Actual CFM and GPM output varies based on truck, engine RPM, hydraulic pump size, and operating mode, see chart on next page)</i>	Both the air compressor and hydraulic pump are designed to run simultaneously, producing variable air power and steady hydraulic power.	Get jobs done faster, improve productivity
Up to 13 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 600 lb (272 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
30% faster installs	No modifications required to Ford transfer case, no drive shafts are required to cause alignment issues	Fast, easy installs save time and money
Powered by PTO mounted on the truck's transmission	No secondary engine means less maintenance and repairs	Improves productivity, minimizes downtime
Integrated automatic heater	Cold climate protection	Jobs can be completed in the most extreme climates

Applications

- Commercial tire services
- Utility servicing
- Heavy equipment repair
- Sign installation
- Mechanics trucks
- Hydraulic crane trucks
- Telescopic cranes

Air Tools

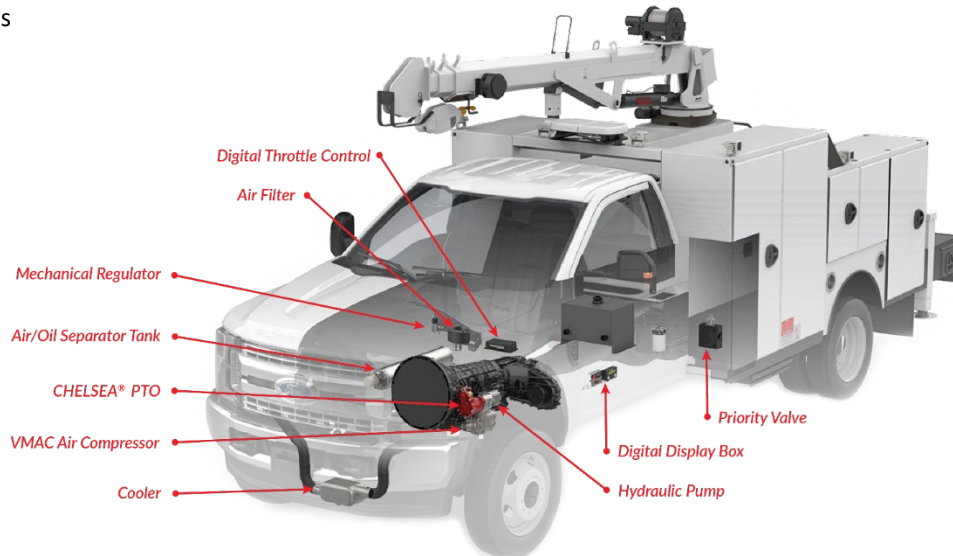
- 1" impact wrenches
- 60 lb jackhammers/pavement breakers
- Backfill tampers
- Vertical/horizontal grinders
- Sanders
- OTR tire inflation
- Many other air tools/applications

VMAC Dealer Sales Reference Guide

Truck Mounting Kits

- Ford F-350 to F-600 Power Stroke Diesel

Components



Specifications

Air Compressor Output	Up to 65 CFM* @ 100 psi (175 psi max)
Air Compressor Type	PTO driven, direct transmission mounted, 100% duty cycle, VMAC oil-injected rotary screw
Weight (wet)	Approximately 180 lb (81.6 kg)
PTO (included)	Chelsea® 210 series PTO; electrically actuated, PTO indicator lamp
Hydraulic Pump Options	2.5 GPM – 8.0 GPM*
Throttle Control	<ul style="list-style-type: none"> • Two operating modes: variable and fixed; includes toggle switch to switch between operating modes • Fixed mode: Engine RPM stays constant at engine RPM set-point (factory pre-set 1,250, +/- 250 RPM) • Variable mode: Engine RPM increases and decreases automatically based on air demand (up to max RPM for the pump) • Both modes allow simultaneous operation of air compressor and hydraulic pump
Control System	<ul style="list-style-type: none"> • Allows for simultaneous operation of both the air compressor and hydraulic pump • On/Off function of PTO and compressor • Operating mode switch on PTO indicator panel • LCD display • Service notifications • Error messages • System temperature • Compatible with start/stop crane modules
Safety System	<ul style="list-style-type: none"> • Automatic compressor heater function • Compressor over-temp sensor • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Truck drive disable circuit on throttle control • Truck park brake safety shut-off switch on control box • Priority valve diverts excess hydraulic flow to reservoir tank

VMAC Dealer Sales Reference Guide

Warranty	<ul style="list-style-type: none"> Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Limited Warranty Chelsea PTO covered by Parker Chelsea Two Year Warranty; Chelsea pumps are covered by Parker Chelsea 18-Month Warranty
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*Actual maximum CFM & GPM output varies based on engine RPM, hydraulic pump, and operating mode; see chart below.

COMPRESSOR & HYDRAULIC PUMP PERFORMANCE TABLE

2020+Model Year	2 Operating Modes - Rocker Switch Selection			Fixed Mode*	Variable Mode							
	Engine Speed (RPM)			1,250	1,500	1,800	2,100	2,200	2,300	2,400	2,500	
	Compressor Output (CFM @ 100 psi)			25	35	46	55	58	60	63	65	
	DM2A021/30	Priority Valve included; Hydraulic Pump included	(GPM @ 3,000 psi)	2.5-3.2**	*Fixed Mode factory pre-set 1,250 (+/- 250 RPM)							2,500 Max RPM
	DM2B021/30			4.3-6.0**	**Hydraulic flow adjustment made w/Priority Valve							2,300 Max RPM
	DM2C021/30			6.5-8.0**								2,100 Max RPM

DTM Service Kits

- A700229 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700230 – 400 Hour / 12-Month VMAC Compressor Service Kit

DTM Accessories

- A700031 – Air System De-icer
- A700151 – Filter Regulator Lubricator – up to 70 CFM
- A800070 – Air AfterCooler – up to 70 CFM
- A850001 – Hydraulic Oil Cooler

Notes

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Gas Powered Air Compressors & Air Compressor/Generators (G30 & G30+GEN)

The VMAC G30 and G30+GEN, powered by Honda, are the most affordable gas powered rotary screw air compressors and air compressor/generators available.

The G30 is the best choice for fleet managers and owners who need the lightweight, compact performance of a rotary screw air compressor at the lowest price possible. The standard and stacked G30 air compressors deliver 30 CFM at 100 psi with 100% duty cycle, helping operators get their work done without interruption.

The G30+GEN combines two convenient forms of power into a single, innovative system. The G30+GEN delivers 25 CFM and 3600 W, allowing operators to quickly switch between air and AC power for their tools and equipment.

With three gas powered models available, fleet managers and owners can choose the G30 model that works best for their application, either with air or with air and AC power.

Models Available

Customers can choose the model that works best for their application, either with air or with air and AC power.

- 30 CFM Gas Powered Air Compressor (Standard)
- 30 CFM Gas Powered Air Compressor (Stacked)
- 25 CFM/3600 W Gas Powered Air Compressor/Generator (Standard)

Gas Powered Air Compressors (G30)

System Part #: Standard: G300003; Stacked: G300004

Gas Powered Air Compressor Overview

THE MOST AFFORDABLE GAS POWERED ROTARY SCREW AIR COMPRESSOR AVAILABLE.

VMAC G30 Gas Powered Air Compressors are the best choice for fleet managers and owners who need the lightweight, compact performance of a rotary screw air compressor, at the lowest price possible.

Key Selling Points

Features	Advantages	Benefits
30 CFM, 100% of the time	No time wasted waiting for air; no air receiver tank required	Get jobs done faster, improve productivity
Up to 52% lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 59% smaller	Frees up cargo space in trucks; fits on side-pack of single-rear wheel service truck	More space for storing tools, equipment, and other materials
Honda gas engine	Honda is the preferred gas engine in the industry, with 3-year Honda warranty; global support network	Reliable performance and reduced downtime
Cold climate protection with optional cold climate kit	Engine will work in temperatures of -22°F (-30°C)	Jobs can be completed in the most extreme climates

Applications

- Light/medium duty mobile mechanics
- Mobile tire service technicians
- Light duty contractors

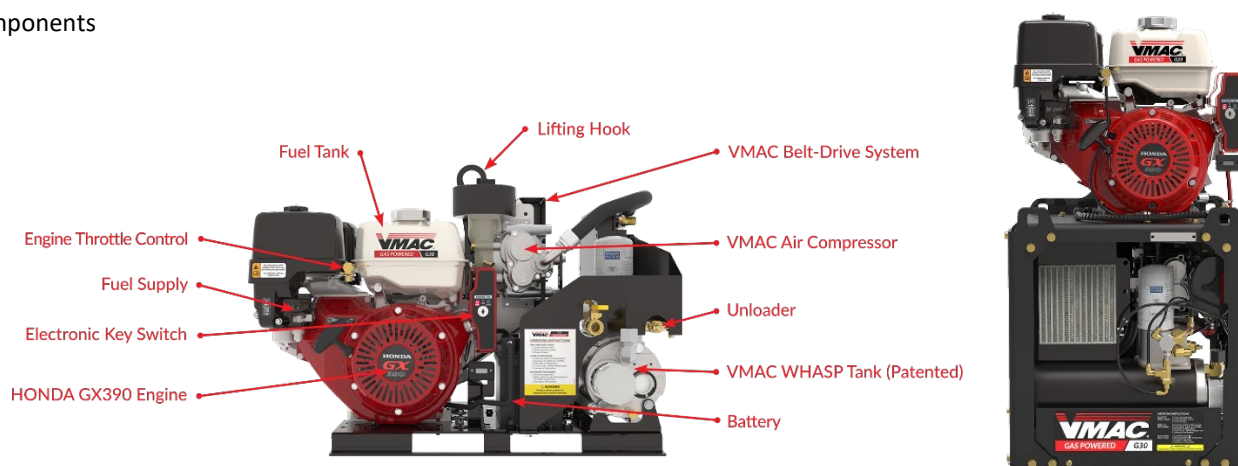
Air Tools

- 3/4" impact wrenches (up to 1" with a small air receiver tank)
- Backfill tampers
- 2" Horizontal grinders

VMAC Dealer Sales Reference Guide

- Chipping hammers
- Die grinders
- Tire inflation

Components



Specifications

	Standard	Stacked
Air Compressor Output	30 CFM @ 100 psi (150 psi max)	
Compressor Type	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw	
Engine	Honda GX390 air cooled 4-stroke OHV with electric start, EPA certified, Honda approved application	
Weight (wet)	Approx. 205 lb (93 kg)	Approx. 210 lb (95 kg)
Dimensions	33.5" (l) x 21.4" (w) x 23.9" (h); 85.1 cm (l) x 54.4 cm (w) x 60.7 cm	20" (l) x 18" (w) x 38" (h); 50.8 cm (l) x 45.7 cm (w) x 96.5 cm (h)
Mounting Plate	25" (l) x 19.1" (w); 63.5 cm (l) x 48.6 cm (w)	16.75" (l) x 10.75 (w); 42.5 cm (l) x 27.3 cm (w)
Decibels (dB) @ 20 feet (6.1 meters)	67 - 81 dB	
Fuel Tank Capacity	1.6-Gallons (6.1 litres)	
Battery (included)	ACDelco 12V, 300 CCA, 360 CA	ACDelco 12V, 460 CCA, 575 CA
Safety Features	<ul style="list-style-type: none"> • Compressor thermal protection circuit • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Low engine oil pressure shutoff 	
Fuel Tank Capacity	1.6-gallons (6.1 L)	
Warranty	Two years on all major components; VMAC air-ends are covered by VMAC's Lifetime Limited Warranty; Honda engine is covered by Honda's 36-month Limited Warranty	

Gas Drive Service Kits

- A500045 – 300 Hour Honda Engine Service Kit
- A700219 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700220 – 400 Hour / 12-Month VMAC Compressor Service Kit

VMAC Dealer Sales Reference Guide

Gas Drive Accessories

- A300047 – 10-Gallon Air Receiver Tank with Mounting Feet
- A500042 – Remote Control Panel (Standard G30 only)
- A500043 – Remote Oil Drain (Standard G30 only)
- A500044 – Cold Climate Kit
- A500181 – 800W Power Inverter for Cold Climate Kit
- A500237 – Remote Control Panel (Stacked G30 only)
- A500245 – Dual 6-Gallon Air Receiver Tanks (Standard G30 only)
- A520004 – Cold Climate Kit (Factory installed)
- A520007 – Dual 6-Gallon Air Receiver Tanks (Standard G30 only; factory installed)
- A700261 – Winter Cover (Standard G30 only)

Notes

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Gas Powered Air Compressor/Generators (G30+GEN)

System Part #: G300005

Gas Powered Air Compressor/Generator Overview

COMBINES TWO CONVENIENT FORMS OF POWER INTO A SINGLE, INNOVATIVE SYSTEM

The VMAC G30+GEN air compressor/generator combines two convenient forms of power into a single, innovative system. Operators with VMAC's rotary screw air compressor/generator combo on their service truck can quickly switch between air and AC power for their tools and equipment.

Key Selling Points

Features	Advantages	Benefits
25 CFM, 100% of the time	No time wasted waiting for air; no air receiver tank required	Get jobs done faster, improve productivity
3600 W continuous AC generator	Power electric tools, lighting and other equipment when needed	Have the power you need, wherever you go
Up to 36% lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 40% smaller	Frees up cargo space in trucks; fits on side-pack of single-rear wheel service truck	More space for storing tools, equipment, and other materials
Honda gas engine	Honda is the preferred gas engine in the industry, with 3-year Honda warranty; global support network	Reliable performance and reduced downtime
Cold climate protection with optional cold climate kit	Engine will work in temperatures of -22°F (-30°C)	Jobs can be completed in the most extreme climates

Applications

- Light/medium duty mobile mechanics
- Mobile tire service technicians
- Light duty contractors

Air Tools

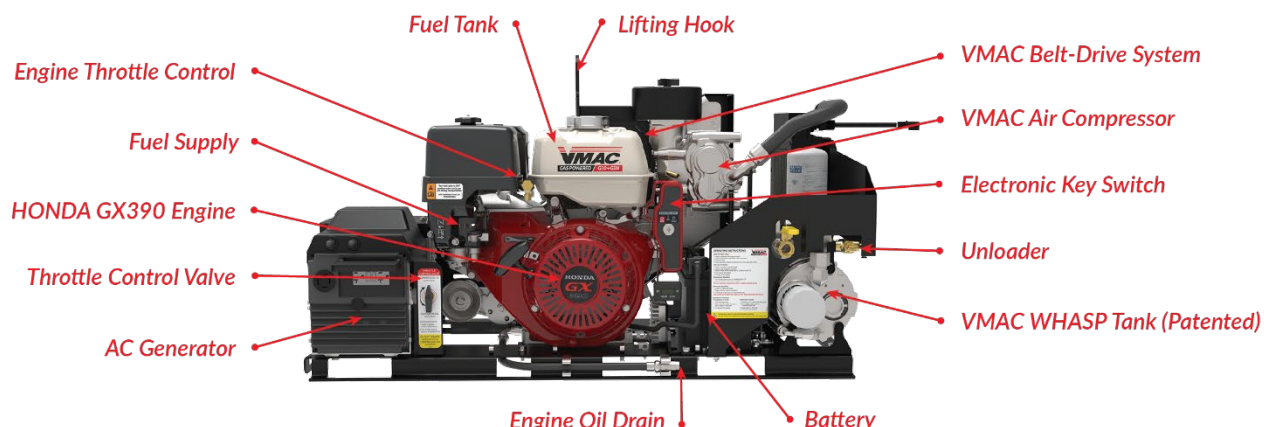
- 3/4" impact wrenches (up to 1" with a small receiver tank)
- Backfill tampers
- 2" Horizontal grinders
- Chipping hammers
- Die grinders
- Tire inflation

Electric Equipment

- Power tools
- Night work lights
- Battery chargers
- Personal electronics

VMAC Dealer Sales Reference Guide

Components



Specifications

Air Compressor Output	25 CFM @ 100 psi (150 psi max)
Air Compressor	Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Generator Output	3600 W continuous AC output 1 x 20 A, 120V, 60 Hz single-phase circuit with GFCI duplex receptacle 1 x 20 A, 240V, 60 Hz single-phase circuit with L14-20 twist lock
Generator	Single-phase brushed synchronous 2 pole generator with electronic automatic voltage regulation (AVR); helps protect sensitive electronics
Engine	Honda GX390 air-cooled 4-stroke OHV with electric start, EPA certified; Honda approved application
Weight (wet)	295 lb (134 kg)
Dimensions	42.8" (l) x 21.4" (w) x 23.9" (h); 108.7 cm (l) x 54.4 cm (w) x 60.7 cm (h)
Mounting Plate	40.5" (l) x 19.125" (w) / 102.9 cm (l) x 48.6 cm (w)
Decibels (dB) @ 20 feet (6.1 meters)	67-81 dB
Fuel Tank Capacity	1.6-gallons (6.1 L)
Battery (included)	ACDelco 12V, 300 CCA, 360 CA
Control System	<ul style="list-style-type: none"> 2-speed throttle control with manual valve for Compressor Mode (auto idle) and Generator Mode (high idle) <ul style="list-style-type: none"> Compressor mode for compressor operation responds to air demand Generator mode for generator operation at high idle Electronic key switch with hour meter Unloader unloads compressor for generator operation; decreases engine load, lowers sound levels, reduces fuel use and engine wear
Safety Features	<p>Air Compressor</p> <ul style="list-style-type: none"> Compressor thermal protection circuit Automatic rapid blow-down valve on tank 200 psi pressure relief valve Low engine oil pressure shutoff <p>Generator</p> <ul style="list-style-type: none"> 20 amp thermal breaker 120 Volt circuit 20 amp thermal breaker 240 Volt circuit 120V GFCI duplex receptacle

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Air Receiver Tank (recommended for high duty cycle applications in hot climates)	<ul style="list-style-type: none"> • 10-Gallon Air Receiver Tank w/ Mounting Feet • 6-Gallon Air Receiver Wing Tank
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

Gas Drive Service Kits

- A500045 – 300 Hour Honda Engine Service Kit
- A700219 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700220 – 400 Hour / 12-Month VMAC Compressor Service Kit

Gas Drive Accessories

- A300047 – 10-Gallon Air Receiver Tank with Mounting Feet
- A300045 – 6-Gallon Air Receiver Wing Tank
- A500044 – Cold Climate Kit
- A500181 – 800W Power Inverter for Cold Climate Kit
- A500244 – Remote Control Panel
- A520004 – Cold Climate Kit (Factory installed)

Notes

VMAC Dealer Sales Reference Guide

Hydraulic Driven Air Compressors

Hydraulic Driven Air Compressor Overview

THE SMARTEST, SMALLEST AND MOST POWERFUL HYDRAULIC AIR COMPRESSOR AVAILABLE.

VMAC's hydraulic driven air compressor is the best choice for fleet managers and owners looking for a compact, powerful and lightweight hydraulic deck-mount air compressor that can operate in any climate.

The air compressor comes with the most advanced control system available, with easy to use digital controls that extend compressor life by automatically protecting it in extreme environments. VMAC's hydraulic powered rotary screw compressors produce 25 to 60 CFM and are designed to run continuously or intermittently.

Benefits

- Less space. Smallest hydraulic driven air compressor available.
- Less weight. Lowest weight hydraulic driven air compressor available.
- Less moisture. Produces less moisture in the air lines than competing air compressors.
- More productivity. More powerful than reciprocating air compressors.
- Easy to operate.
- Work in any climate.

Models Available

With VMAC hydraulic air compressors, you can choose the model that best works for your application:

- 25-40 CFM: Ideal for light to medium duty trucks and operating small air tools like 3/4" impact wrenches, light chipping hammers and die grinders.
- 40-60 CFM: Ideal for medium to heavy duty trucks and operating small to medium sized air tools like 1" impact wrenches, 60 lb jackhammers, backfill tampers, vertical/horizontal grinders and sanders.

40 CFM Hydraulic Air Compressors (H40)

System Part #: 24V, white: H400017; 12V, white: H400001; 24V, black: H400003; 12V, black: H400004

H40 Overview

The H40, VMAC's 40 CFM hydraulic air compressor, is the best choice for fleet managers and owners who require hydraulic-powered compressed air and want better performance than what they are getting out of their current reciprocating air compressor.

The powerful rotary screw air compressor is ideal for operating small to medium sized air tools. The compact design allows it to fit on trucks and specialty equipment with limited available space.

Key Selling Points

Features	Advantages	Benefits
40 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 260 lb (118 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 6 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Cold climate protection	Compressor will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

- Heavy duty mobile mechanics
- Mobile tire service technicians

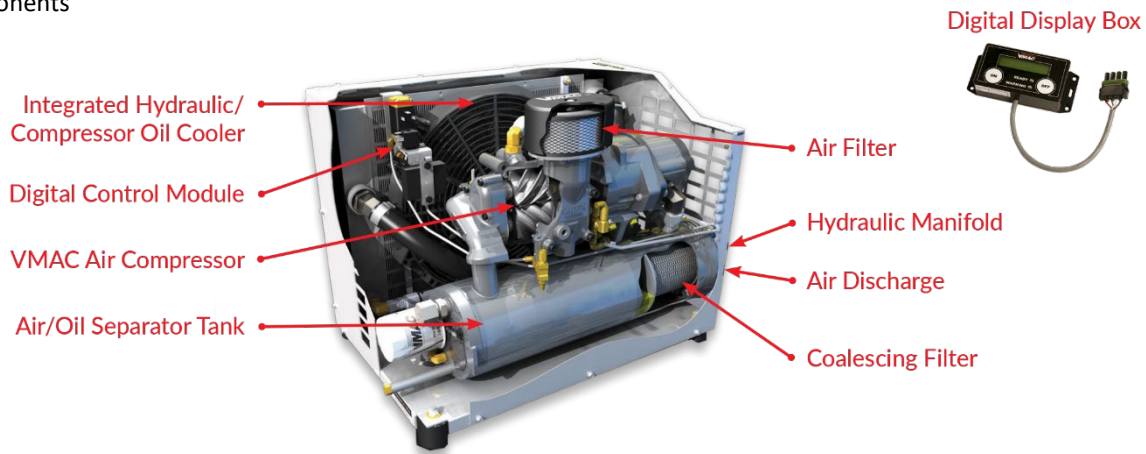
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- 24/7 roadside repair technicians
- Light to medium duty lube trucks

Air Tools

- 3/4" impact wrenches
- Light chipping hammers
- Die grinders
- Tire inflation

Components



Specifications

Air Compressor Output	25-40 CFM* @ 100 psi (150 psi max)
Air Compressor Type	Direct-driven, 100% duty cycle, VMAC oil-injected rotary screw
Hydraulic Flow Required	9-12 GPM; open center hydraulic circuit
Hydraulic Pressure at Full Load (hydraulic pump is recommended)	2,345 psi; 3,000 psi
Weight (dry)	Approximately 150 lb (68 kg)
Dimensions	24.0" (l) x 16.5" (w) x 18.0" (h); 61.0 cm (l) x 41.9 cm (w) x 45.7 cm (h)
Cooler	<ul style="list-style-type: none"> • Integrated hydraulic/compressor oil • 12V or 24V fan
Hydraulic Connections	#12 ORB Inlet, #16 ORB Outlet
Control System	<ul style="list-style-type: none"> • LCD digital control box with hour meter, service reminders, and error messages • Live monitoring of air pressure, hydraulic and compressor temperatures • Automatic cold climate protection • Automatic warm-up mode extends system life • Standby Mode, turns system off and on depending on air use
Safety System	<ul style="list-style-type: none"> • Compressor/hydraulic overheat protection • Cooler bypass check valve • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Automatic cold climate protection • 2,800 psi hydraulic pressure relief valve
Air Receiver Tank (recommended, not included)	Minimum 6-gallon air receiver tank recommended for proper operation of all functions

VMAC Dealer Sales Reference Guide

Panel Color	<ul style="list-style-type: none"> • White • Black • Custom (Fleet orders only)
Warranty	<p>Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty (Limited).</p> <p>For more information about VMAC's Warranty, visit www.vmacair.com/warranty</p>

Hydraulic Service Kit

- A700156 – 500 Hour / 6-Month VMAC Compressor Service Kit

Hydraulic Accessories

- A700140 – Mounting Brackets
- A700280 – Cold Climate Manifold – Fully automated heater block
- A850001 – Hydraulic Oil Cooler – 12V activated

60 CFM Hydraulic Air Compressors (H60)

System Part #: 12V, white: H600002; 12V, black: H600008

H60 Overview

The H60, VMAC's 60 CFM hydraulic air compressor, is the best choice for fleet managers and owners requiring hydraulic-powered compressed air for continuous duty applications and tools.

The powerful rotary screw air compressor is ideal for operating medium to large sized air tools. The compact design allows it to fit on trucks and specialty equipment with limited available space.

Key Selling Points

Features	Advantages	Benefits
60 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Up to 240 lb (109 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 8 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Cold climate protection	Compressors will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

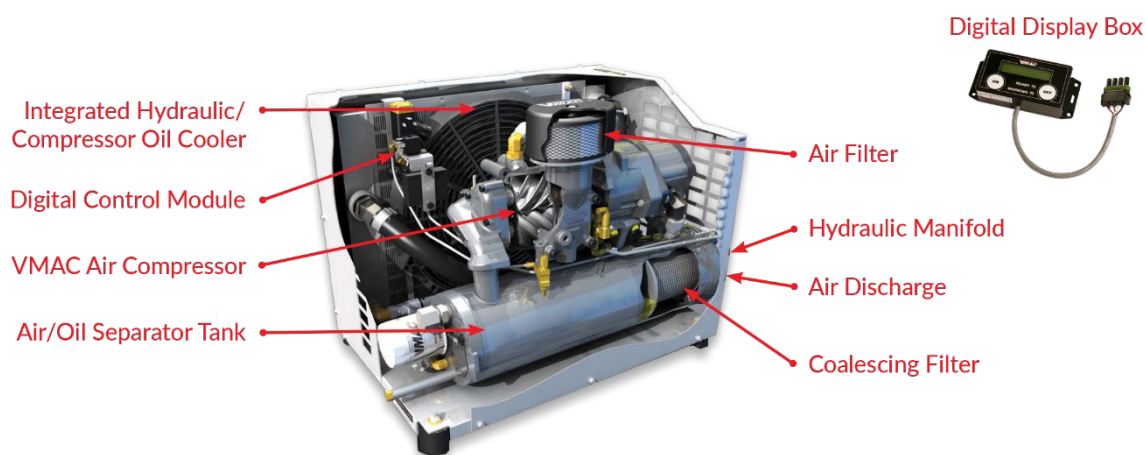
- Heavy duty mobile mechanics
- Mobile tire service technicians
- 24/7 roadside repair technicians
- Medium to heavy duty lube trucks

Air Tools

- 1" impact wrenches
- 60 lb jackhammers/pavement breakers
- Backfill tampers
- Vertical/horizontal grinders
- OTR tire inflation

VMAC Dealer Sales Reference Guide

Components



Specifications

Air Compressor Output	40-60 CFM @ 100 psi (150 psi max)
Air Compressor Type	Direct-driven, 100% duty cycle, VMAC oil-injected rotary screw
Hydraulic Flow Required	14-21 GPM (53-80 LPM); open center hydraulic circuit
Hydraulic Pressure at Full Load	2,450 psi (169 bar); 3,000 psi hydraulic pump is recommended
Weight (dry)	Approximately 160 lb (73 kg)
Dimensions	24.0" (l) x 16.5" (w) x 18.0" (h); 61.0 cm (l) x 41.9 cm (w) x 45.7 cm (h)
Cooler	<ul style="list-style-type: none"> Integrated hydraulic / compressor oil 12V fan
Hydraulic Connections	#12 ORB Inlet, #16 ORB Outlet
Control System	<ul style="list-style-type: none"> LCD digital control box with hour meter, service reminders, and error messages Live monitoring of air pressure, hydraulic and compressor temperatures Automatic cold climate protection Automatic warm-up mode extends system life Standby Mode, turns system off and on depending on air use
Safety System	<ul style="list-style-type: none"> Compressor/hydraulic overheat protection Cooler bypass check valve Automatic rapid blow-down valve on tank 200 psi pressure relief valve 2,800 psi hydraulic pressure relief valve Automatic cold climate protection
Air Receiver Tank (recommended, not included)	Minimum 6-gallon air receiver tank recommended for proper operation of all functions
Panel Colour	<ul style="list-style-type: none"> White Black Custom (Fleet orders only)
Warranty	<p>Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty (Limited).</p> <p>For more information about VMAC's Warranty, visit www.vmacair.com/warranty</p>

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Hydraulic Service Kit

- A700156 – 500 Hour / 6-Month VMAC Compressor Service Kit

Hydraulic Accessories

- A700140 – Mounting Brackets
- A700280 – Cold Climate Manifold – Fully automated heater block
- A850001 – Hydraulic Oil Cooler – 12V activated

Notes

VMAC Dealer Sales Reference Guide

Multifunction Power Systems (MF)

Multifunction Power System Overview

THE BEST CHOICE FOR CUSTOMERS WHO NEED A VERSATILE MULTI-POWER MACHINE THAT CAN HANDLE ANY JOB.

Powered by a Cat or Kubota Tier 4F diesel engine, or Honda EFI gas engine, VMAC's Multifunction allows you to turn off your truck engine and still have up to six types of power available in a lightweight and compact system.

All diesel engine models feature the patented 45 CFM VMAC rotary screw air compressor, while the Honda powered Multifunction includes a 40 CFM rotary screw air compressor. Both air compressors are covered by a VMAC Lifetime Warranty (Limited).

Key Selling Points

Features	Advantages	Benefits
Up to 6 different types of power in one system	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Up to 400 lb (181 kg) lighter	Frees up gross vehicle weight	Carry more tools or equipment, or improve fuel economy
Up to 6 cubic feet smaller	Frees up cargo space in trucks	More space for storing tools, equipment, and other materials
Control system idles the system's engine up/down and on/off with air demand	Reduces fuel use and maintenance	Saves money and time with less fuel wasted and less downtime for services
Noise reduction panels	Reduces noise on the job site	Improves safety; allows operators to communicate while working without disturbing the job site or neighbors
Simple, patented controls and operating system	Makes it easy to operate and switch between systems	Eliminates wasted time switching between machines, improves productivity

Notes



VMAC Dealer Sales Reference Guide

Models Available

Multifunction – 5-in-1 Power System

System Part #: GMF0001

5-in-1 Power System Overview

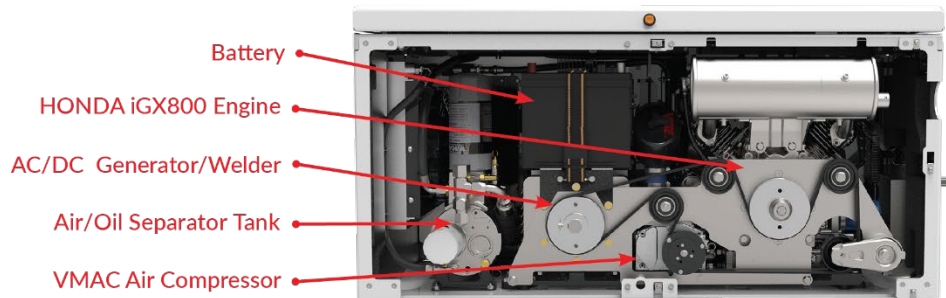
Five power sources, one powerful machine.

When you need the capabilities of multiple machines in a single powerful system, there is no better solution than the VMAC Multifunction Power System, powered by a Honda gas engine.

The 5-in-1 multi-power system includes everything needed for heavy duty mechanic work and is engineered for service truck bodies. This Multifunction's smart design reduces noise levels on the jobsite with noise reduction panels, automated idle controls, and Standby Mode, all in one compact package that fits on the side pack or behind the cab.

Components

- 40 CFM rotary screw air compressor
- 8 kW continuous AC generator
- 250 A DC welder (adjustable)
- 300 A max @ 13V booster (adjustable)
- 100 A max @ 12V & 24V battery charger (adjustable)



Control/Digital Display Box



Generator/Welder Control Box



Applications

- Heavy duty mobile mechanics
- Heavy equipment repair technicians
- Remote access jobs in mining, logging, and oil & gas

Specifications

Air Compressor	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 20" (w) x 23.5" (h); 120 cm (l) x 51 cm (w) x 60 cm (h)
Decibels (Db) @ 21 feet (6.4 meters)	73 dB at high idle, 63 dB at compressor idle, 59 dB at low idle, 0 dB in Standby Mode
AC/DC Generator/Welder	AC: 8 kW output <ul style="list-style-type: none">• 1 x 30 A, 240V, 60 Hz three phase circuit (w/ terminal strip)• 2 x 20 A, 120V, 60 Hz single phase circuit (w/ terminal strip & plugs)

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	DC: For battery boosting/charging, other DC loads <ul style="list-style-type: none"> • Boost – 300A max @ 13V; Charge – 12V & 24V • CC mode for SMAW and GTAW (stick/TIG welding) • 250 A @ 35% duty cycle; 190A @ 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 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 (recommended, not included)	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 Warranty (Limited) • Honda engine is covered by Honda's 3-Year warranty • For more information about VMAC's Warranty, visit www.vmacair.com/warranty

Multifunction Service Kits

- A500251 – Honda Engine Oil Change Kit
- A500253 – 300 Hour Honda Engine Service Kit
- A700333 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A700334 – 400 Hour / 12-Month VMAC Compressor Service Kit

Multifunction Accessories

- A500008 – Welding Cable, 15 Feet, Electrode
- A500009 – Welding Cable, 15 Feet, Ground

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- A500010 – Extension Cable, 25 Feet, Electrode
- A500011 – Extension Cable, 25 Feet, Ground
- A500012 – Extension Cable, 6 Feet, DC (includes bracket for remote mounting welding leads)
- A500016 – Booster Cable Set, 15 Feet
- A500018 – Remote Current Control Pendant
- A500019 – Extension Cable, 25 Feet, Current Control
- A500028 – Extension Cable, 10 Feet, Remote Welding Controls
- A500029 – Remote Interface (for using crane remotes to control Multifunction)
- A500181 – 800 W, 12V Power Inverter
- A500234 – MF-Honda Cold Climate Kit
- A510044 – MF-Honda Cold Climate Kit (Installed)
- A500247 – External Fuel Pump Kit - Honda
- A500248 – 12-Gallon Gasoline Fuel Tank – Honda
- A500249 – Exhaust Elbow Kit
- A500254 – Oil Drain Kit

Multifunction – 6-in-1 Power System - Kubota

System Part #: D600008

6-in-1 Power System Overview

Nothing will stop you on the job site; with everything you need in a single compact Multifunction Power System, you will be ready for anything.

The self-contained Multifunction system with a Kubota engine can be fully integrated into any diesel work truck fuel system or skid-mounted for stand-alone applications with an optional external fuel tank. With noise reduction panels, low and high idle controls, and standby mode, operators can safely communicate while working without disturbing the job site or the neighbors.

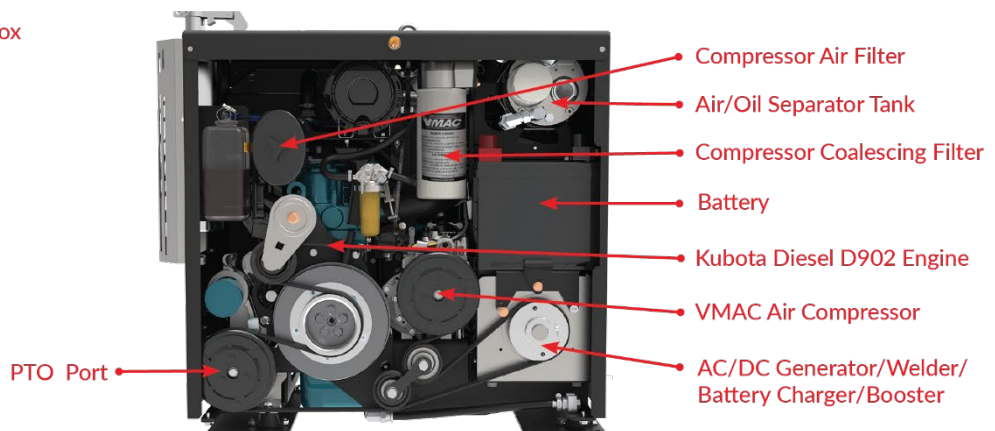
Components

- 45 CFM rotary screw air compressor
- 8 kW continuous AC generator
- 250 A DC welder (adjustable)
- 300 A max @ 13V booster (adjustable)
- 100 A max @ 12V & 24V battery charger (adjustable)
- 2,800 RPM power take-off port
- Factory-installed cold climate kit – 120V, tested to -40°F (-40°C)

Generator/Welder Control Box



Control/Digital Display Box



VMAC Dealer Sales Reference Guide

Applications

- Heavy duty mobile mechanics
- Heavy equipment repair technicians
- Remote access jobs in mining, logging and oil & gas

Specifications

Air Compressor	<ul style="list-style-type: none"> • 45 CFM @ 100 psi (175 psi max) • Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Kubota Diesel D902 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); 83.8 cm (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 *27" (68.6 cm) w/radiator sound deflector
Decibels (dB) @ 21 feet (6.4 meters)	75 dB at max idle, 66 dB at low idle, 0 dB in standby mode
AC/DC Generator/Welder	AC: 8 kW output <ul style="list-style-type: none"> • 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/charging; other DC loads <ul style="list-style-type: none"> • Boost – 300A 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 ft-lbs continuous torque max (patented)
Hydraulic Pump: (optional)	5 GPM, 8 GPM, 10 GPM @ 3500 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

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	<ul style="list-style-type: none"> Optional 1,750 W power inverter allows cold climate kit to engage on the way to the job site
Fuel Supply Options	<ul style="list-style-type: none"> 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 For more information about warranty policies, visit www.vmacair.com/warranty

Multifunction Service Kits

- A500007 – 100 Hour Kubota Engine Service Kit
- A500023 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A500024 – 400 Hour / 12-Month VMAC Compressor Service Kit

Multifunction Accessories

- A500008 – Welding Cable, 15 Feet, Electrode
- A500009 – Welding Cable, 15 Feet, Ground
- A500010 – Extension Cable, 25 Feet, Electrode
- A500011 – Extension Cable, 25 Feet, Ground
- A500012 – Extension Cable, 6 Feet, DC (includes bracket for remote mounting welding leads)
- A500013 – 7-Gallon Diesel Fuel Tank
- A500016 – Booster Cable Set, 15 Feet
- A500018 – Remote Current Control Pendant
- A500019 – Extension Cable, 25 Feet, Current Control
- A500028 – Extension Cable, 10 Feet, Remote Welding Controls
- A500029 – Remote Interface (for using crane remotes to control Multifunction)
- A500030 – External Diesel Fuel Pump Kit
- A500185 – 12V, 1750 W Power Inverter
- A500186 – Power Inverter Remote Control Panel
- 4500152 – 5 GPM/3500 psi Hydraulic Pump (PTO option must be installed)
- 4500153 – 8 GPM/3500 psi Hydraulic Pump (PTO option must be installed)
- 4500154 – 10 GPM/3500 psi Hydraulic Pump (PTO option must be installed)

Multifunction – 6-in-1 Power System – Cat Power

System Part #: D600016

6-in-1 Power System – Cat Power Overview

There is no better system for industrial job sites or residential areas where noise level is a concern.

The VMAC Multifunction Power System, powered by a Tier 4F Cat Industrial Diesel Engine, includes six power sources in one compact, quiet system. With noise reduction panels, low and high idle controls, and standby mode, operators can safely communicate while working without disturbing the job site or the neighbors.

Components

- 45 CFM rotary screw air compressor
- 8 kW continuous AC generator
- 250 A DC welder (adjustable)
- 300 A max @ 13V booster (adjustable)
- 100 A max @ 12V & 24V battery charger (adjustable)

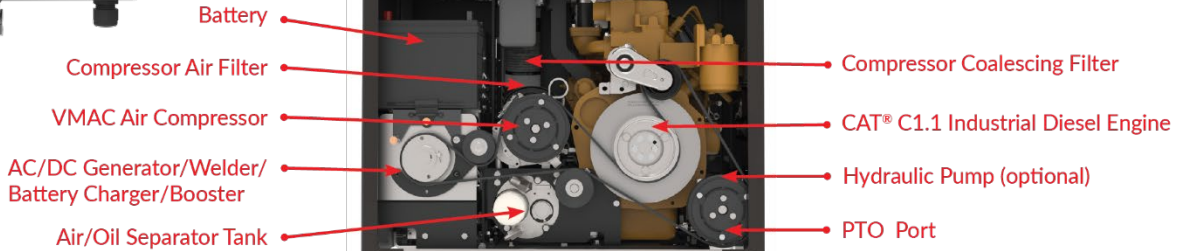
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- 2,800 RPM power take-off port
- Factory-installed cold climate kit – 120V, tested to -40°F (-40°C)

Generator/Welder Control Box



Control/Digital Display Box



Applications

- Heavy duty mobile mechanics
- Heavy equipment repair technicians
- Remote access jobs in mining, logging and oil & gas

Specifications

Air Compressor	<ul style="list-style-type: none"> • 45 CFM @ 100 psi (175 psi max) • Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Cat C1.1 industrial diesel engine <ul style="list-style-type: none"> • 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) Base footprint: 34.5" (l) x 19.5" (w); 87.6 cm (l) x 49.5 cm (w) 29.75" (75.6 cm) w/ radiator sound deflector
Decibels (dB) @ 21 feet (6.4 meters)	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) <ul style="list-style-type: none"> • 1 x 30 A, 240V, 60 Hz three phase circuit • 2 x 20 A, 120V, 60 Hz single phase circuit DC: For battery boosting/charging, other DC loads <ul style="list-style-type: none"> • Boost – 300A max @ 13V; Charge – 12V & 24V • CC mode for SMAW and GTAW (stick/TIG welding) • 250 A @ 35% duty cycle; 190A @ 60% duty cycle
Power Take-off Port	Clutched SAE 'A' port with 9-toothed spline, 2,800 RPM output, 35 ft-lb 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

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	<ul style="list-style-type: none"> ○ 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) <ul style="list-style-type: none"> ○ 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	<ul style="list-style-type: none"> • 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 is covered by the Caterpillar 2-Year Warranty • For more information about VMAC's Warranty, visit www.vmacair.com/warranty

Multifunction Service Kits

- A500209 – 500 Hour / 12-Month Cat Engine Service Kit
- A500210 – 500 Hour / 6-Month VMAC Compressor Service Kit
- A500211 – 1000 Hour / 12-Month VMAC Compressor Service Kit

Multifunction Accessories

- A500008 – Welding Cable, 15 Feet, Electrode
- A500009 – Welding Cable, 15 Feet, Ground
- A500010 – Extension Cable, 25 Feet, Electrode
- A500011 – Extension Cable, 25 Feet, Ground
- A500012 – Extension Cable, 6 Feet, DC (includes bracket for remote mounting welding leads)
- A500016 – Booster Cable Set, 15 Feet
- A500018 – Remote Current Control Pendant
- A500019 – Extension Cable, 25 Feet, Current Control
- A500028 – Extension Cable, 10 Feet, Remote Welding Controls
- A500029 – Remote Interface (for using crane remotes to control Multifunction)
- A500030 – External Diesel Fuel Pump Kit
- A500185 – 12V, 1750 W Power Inverter
- A500186 – Power Inverter Remote Control Panel
- 4500152 – 5 GPM/3500 psi Hydraulic Pump (PTO option must be installed)
- 4500153 – 8 GPM/3500 psi Hydraulic Pump (PTO option must be installed)

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- 4500154 – 10 GPM/3500 psi Hydraulic Pump (PTO option must be installed)
- A500204 – 7-Gallon Diesel Fuel Tank

Multifunction – Compressor-Generator-Welder Power System

System Part #: D600009

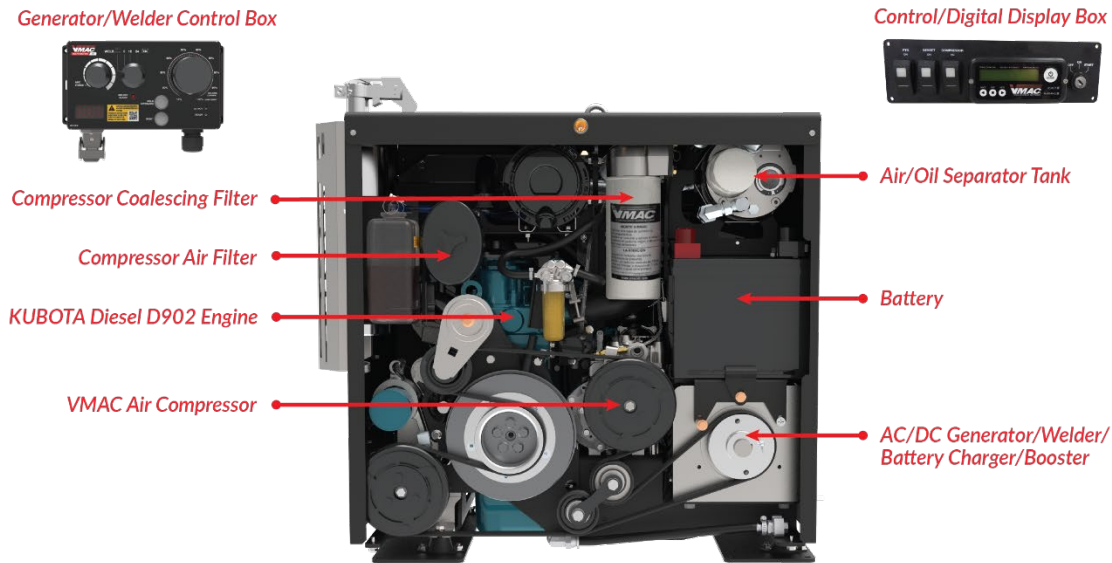
Compressor-Generator-Welder Power System Overview

VMAC's Compressor-Generator-Welder Power System offers performance in a single compact system. This system includes all the power you need on the jobsite to complete your work.

The self-contained Compressor-Generator-Welder system is ideal for mechanic's trucks with electric or electric over hydraulic cranes. It can operate electrical equipment, air tools and welding accessories.

Components

- 45 CFM rotary screw air compressor
- 8 kW continuous AC generator
- 250 A DC welder (adjustable)
- 300 A (max) @ 13 V booster
- 100 A max @ 12V & 24V battery charger (adjustable)
- Factory-installed cold climate kit – 120V, tested to -40°F (-40°C)



Applications

- Heavy duty mobile mechanics
- Welding trucks
- Heavy equipment repair technicians
- Remote access jobs in mining, logging and oil & gas

Specifications

Air Compressor	<ul style="list-style-type: none">• 45 CFM @ 100 psi (175 psi max)
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VMAC Dealer Sales Reference Guide

	<ul style="list-style-type: none"> Belt-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Kubota Diesel D902 3-cylinder, naturally aspirated 3,600 RPM, Tier 4 Final
Weight (wet)	Approximately 560 lb (254 kg)
Dimensions	<ul style="list-style-type: none"> 33" (l) x 23" (w) x 29" (h); 83.8 cm (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 meters)	81.2 dB at high idle, 76 dB at low idle, 0 dB in Standby Mode
AC/DC Generator/Welder	AC: 8 kW output <ul style="list-style-type: none"> 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/charging, other DC loads <ul style="list-style-type: none"> 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; 190A @ 60% duty cycle
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 and generator; either function 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	<ul style="list-style-type: none"> 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. For more information about warranty policies, visit www.vmacair.com/warranty

Multifunction Service Kits

- A500007 – 100 Hour Kubota Engine Service Kit

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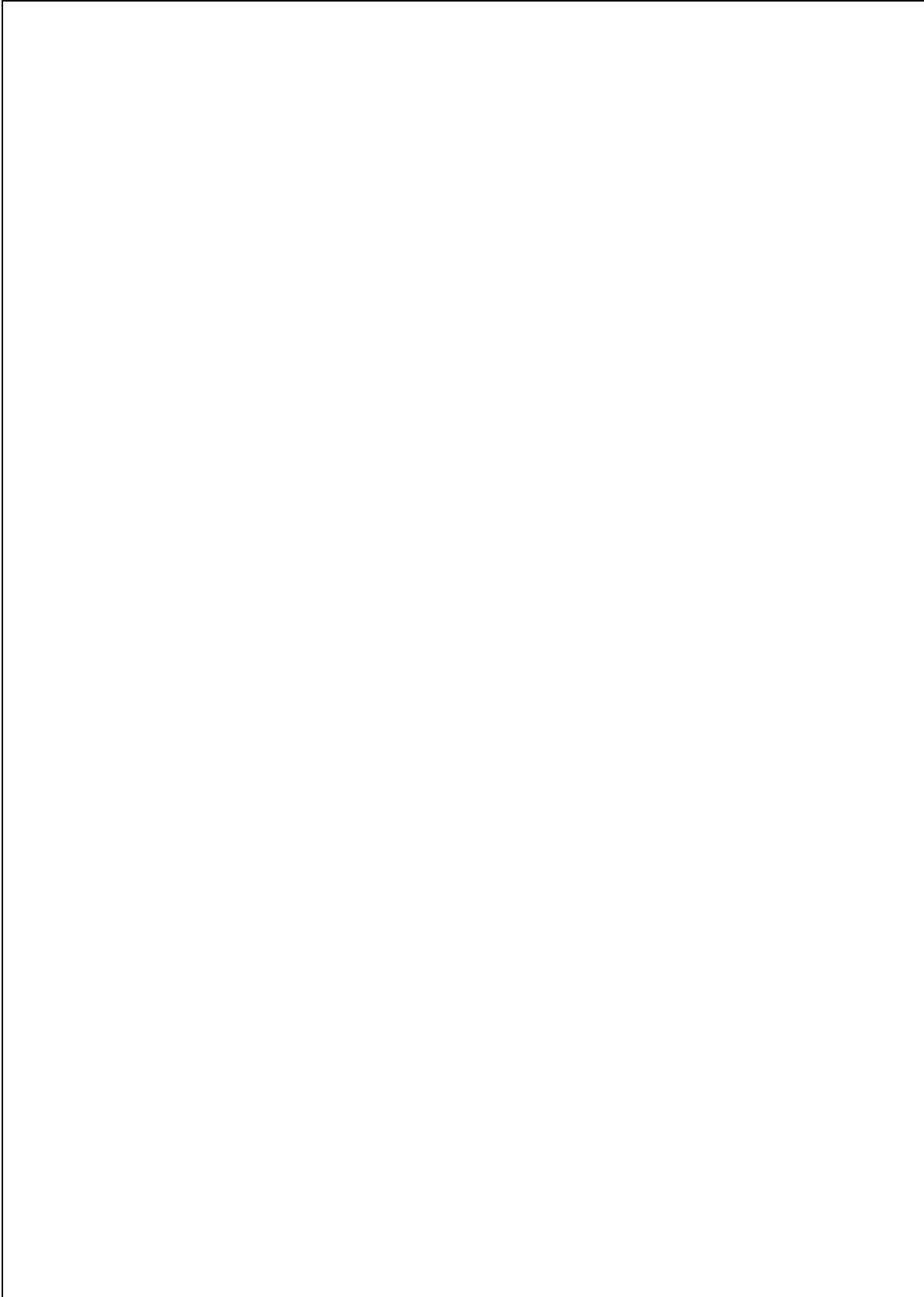
- A500023 – 200 Hour / 6-Month VMAC Compressor Service Kit
- A500024 – 400 Hour / 12-Month VMAC Compressor Service Kit

Multifunction Accessories

- A500008 – Welding Cable, 15 Feet, Electrode
- A500009 – Welding Cable, 15 Feet, Ground
- A500010 – Extension Cable, 25 Feet, Electrode
- A500011 – Extension Cable, 25 Feet, Ground
- A500012 – Extension Cable, 6 Feet, DC (includes bracket for remote mounting welding leads)
- A500013 – 7-Gallon Diesel Fuel Tank
- A500016 – Booster Cable Set, 15 Feet
- A500018 – Remote Current Control Pendant
- A500019 – Extension Cable, 25 Feet, Current Control
- A500028 – Extension Cable, 10 Feet, Remote Welding Controls
- A500029 – Remote Interface (for using crane remotes to control Multifunction)
- A500030 – External Diesel Fuel Pump Kit
- A500185 – 12V, 1750 W Power Inverter
- A500186 – Power Inverter Remote Control Panel

Notes

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Diesel Driven Air Compressors (D60)

System Part #s: Standard Model: D600003; Standard Model With Factory-Installed Wheel Kit: D60X003;

Cold-Climate Model: D600004; Cold-Climate Model With Factory Installed Wheel Kit: D60X004

Diesel Driven Air Compressor Overview

THE MOST INTELLIGENT MOBILE AIR COMPRESSOR AVAILABLE.

The VMAC Diesel Driven Air Compressor is the best choice for customers who need the performance of a truck engine-driven air compressor, without running the truck.

Engine idle reduction is important to decrease emissions, save fuel and maintenance costs, and extend truck and equipment life. VMAC also reduces engine idling with the most intelligent control system available, automatically shutting the compressor engines off when air isn't needed, and restarting the compressor engine when air is needed.

The D60 is available with or without a wheel kit.

Key Selling Points

Features	Advantages	Benefits
60 CFM, 100% of the time	No time wasted waiting for air	Get jobs done faster, improve productivity
Control system idles the system's engine up/down and on/off with air demand	Reduces fuel use and truck maintenance	Saves money and time with less fuel wasted and less downtime for services
Lightweight, 415 lb (188 kg)	Frees up gross vehicle weight, compared to competing diesel engine driven air compressors weighing 800 lb (363 kg)	Carry more tools or equipment, or improve fuel economy
Kubota diesel engine	Kubota is the preferred diesel engine in the industry, with 2-year Kubota Warranty; global support network	Reliable performance and reduced downtime
Cold climate protection	Engine will work in temperatures of -40°F (-40°C)	Jobs can be completed in the most extreme climates

Applications

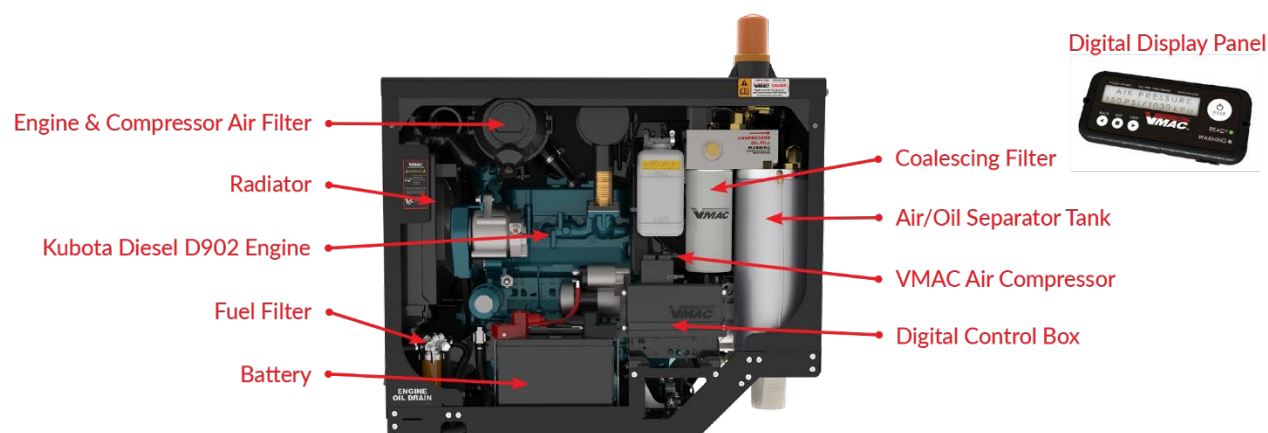
- Mobile heavy duty mechanics
- Mobile tire service technicians
- 24/7 roadside repair technicians
- Remote jobsites (when skid-mounted or with Wheel Kit Model)

Air Tools

- 1" impact wrenches
- 60 lb jackhammers
- Backfill tampers
- Vertical & Horizontal grinders
- Sanders
- OTR tire inflation

VMAC Dealer Sales Reference Guide

Components



Specifications

Air Compressor Output	60 CFM @ 100 psi (150 psi max)
Air Compressor Type	Direct-driven, 100% duty cycle, VMAC oil-injected rotary screw
Engine	Kubota Diesel D902 3-cylinder, naturally aspirated 3,600 RPM, Tier 4 Final
Weight (wet)	Approximately 415 lb (188 kg)
Dimensions	34.5" (l) x 18" (w) x 28" (h); 87.6 cm (l) x 45.7 cm (w) x 71.1 cm (h)
Decibels (db) @ 20 feet (6.1 meters)	83 dB @ high idle; 76 dB @ low idle; 0 dB @ Standby Mode
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 air compressor digital display box • With sustained periods of no air use, the control system will shut down the engine • Programmable auto restart in cold temperature or low battery voltage • Engine auto-restarts with air demand • Data logging of error codes • Automated service reminders • 2-speed throttle, responds to air demand • Includes vehicle battery tie-in connections to trickle charge the vehicle batteries while running
Safety System	<ul style="list-style-type: none"> • Audible warning before system starts • Flashing light while system in Standby Mode • Automatic rapid blow-down valve on tank • 200 psi pressure relief valve • Engine and compressor over temperature shutdown • Low fuel warning with optional fuel tank • Air filter restriction warning
Cold Climate Model (optional)	<ul style="list-style-type: none"> • Adjustable glow plug control • Engine and compressor will wait until the temperatures are above 41°F (5°C) before loading and going into a running state

VMAC Dealer Sales Reference Guide

	<ul style="list-style-type: none"> • 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
Wheel Kit Model (optional)	<ul style="list-style-type: none"> • Factory-installed wheel kit with 7-gallon fuel tank & digital display panel • Front caster wheel includes friction brake • Wheel kit components rated for temperatures between 13°F (-25°C) and 104°F (40°C) • D60 with wheel kit weighs approx. 500 lb (277 kg) • Available with Standard D60 or Cold Climate Model
Fuel Supply Options (not included)	<ul style="list-style-type: none"> • 7-Gallon tank with fuel gauge and low fuel shut-off sensor • External diesel fuel pump kit
Air Receiver Tank (recommended, not included)	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 Warranty (Limited) • Kubota engine is covered by Kubota's 2-year warranty • For more information about VMAC's or Kubota's warranty policies, visit www.vmacair.com/warranty

Diesel Drive Service Kits

- A500001 – 500 / 6-Month VMAC Compressor Service Kit
- A500007 – 100 Hour Kubota Engine Service Kit
- A500017 – 1000 Hour / 12-Month VMAC Compressor Service Kit

Diesel Drive Accessories

- A500004 – Exhaust Kit with Rain Flapper
- A500005 – 7-Gallon Diesel Fuel Tank
- A500030 – External Diesel Fuel Pump Kit
- A500185 – 12V, 1750 W Power Inverter
- A500186 – Power Inverter Remote Control Panel
- A700151 – Filter Regulator Lubricator (FRL) – 70 CFM
- A700214 – Universal Flushing Kit
- A800070 – Air Aftercooler – 70 CFM

Notes

VMAC Dealer Sales Reference Guide

OEM Custom Air Compressor Solutions (OEM)

Overview

ROTARY SCREW COMPRESSOR SOLUTIONS FOR YOUR APPLICATION.

Custom OEM solutions bring the reliability of a VMAC rotary screw air compressor system to your industrial engine applications. We manufacture continuous duty rotary screw air compressor systems ranging from 15-150 CFM for the most common industrial engines.

VMAC air compressors are used by OEMs across the globe, with many partnerships in North America and Europe. We're proud of the quality work we do with our partner OEMs, including Caterpillar, Cummins, DEUTZ, Finning, Ford, John Deere, Kubota, Lincoln Electric, and many more.

Key Selling Points

Features	Advantages	Benefits
100% duty cycle	No time wasted waiting for air	Get jobs done faster, improve productivity
Higher output than reciprocating compressor	Powerful rotary screw air compressor to deliver the CFM you need	Get jobs done faster, improve productivity
Compact	Designed to be compact, conserving space	Frees up space for other tools and equipment, fits in tight spaces
Lightweight	Frees up for weight for easier to transport	Carry more tools or equipment, or improve fuel economy, mounting options
Technical Support	Highly trained technical support team available via phone and email	Get back to work faster with superior technical support on hand
Customizable	Custom air compressor designed to your exact specification	Improve productivity by having the air compressor designed specifically for your application

Applications

- Air Brakes
- Spray Foam
- Pothole/ Crack Sealing
- Air Arc Gouging
- Air Tools
- Railway Maintenance
- Railcar Movers
- Compressed Air Foam Firefighting
- Dust Extraction
- Compressor / Generator
- Water Blasting / Water Jet Cutting
- Water Pump Primers
- Carpet & Duct Cleaning

OEM Spline Drive Air Compressors

VMAC's spline drive air compressors for OEM applications are built to fit in tight spaces and are up to 25% smaller than competitive products. These direct drive rotary screw air compressors feature a lightweight, aluminum design and operate at 100% duty cycle.

VMAC Dealer Sales Reference Guide

Spline Drive Air Compressors – SAE A, B & C

- 20-70 CFM, 100% Of The Time
- SAE A, B & C Port
- 60% Lighter
- 25% Smaller

100% Duty Cycle

20-70 CFM. 100% of the time.

Compact Size

Built to fit in tight spaces. 25% smaller than competitive reciprocating products. 654 in³ (10.7 L) vs. 877 in³ (14.4 L)

Lightweight, Aluminum Design

60% weight savings compared to competitive reciprocating products. 28 lb (12.7 kg) vs. 68 lb (31 kg).

SAE PTO Port Driven

SAE-A, SAE-B and SAE-C port/spline configurations available.

6X More Output

In a package that is 25% smaller and 60% lighter than leading reciprocating competitors.

Single Gear Spline Drive Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.0 bar
Maximum Air Output*	70 CFM	1,982 l/min
Compressor Weight	28 lb	12.7 kg
Gear Ratio	3.21:1	
Rotation	Clockwise	
Maximum Shaft Speed	3,600 RPM	

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi



Spline Drive Air Compressors – SAE A & C

- 20-70 CFM, 100% Of The Time
- SAE A & C Port
- 44% Lighter
- 12% Smaller
- Customizable Applications

100% Duty Cycle

20-70 CFM. 100% of the time.

Compact Size

Built to fit in tight spaces. 12% smaller than competitive products. 771 in³ (12.6 L) vs. 877 in³ (14.4 L).

Lightweight, Aluminum Design

44% weight savings compared to competitive products. 38 lb (17.3 kg) vs. 68 lb (31 kg).

SAE PTO Port Driven

SAE A & C port/spline configuration available.

6x More Output

In a package that is smaller and lighter than leading reciprocating competitors.



VMAC Dealer Sales Reference Guide

Dual Gear Spline Drive Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.0 bar
Maximum Air Output*	70 CFM	1,982 l/min
Compressor Weight	38 lb	17.3 kg
Gear Ratio	4.23:1	
Rotation	Counterclockwise	
Maximum Shaft Speed	2,600 RPM	

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi

OEM Belt Drive Air Compressors

VMAC belt drive air compressors are designed to produce maximum CFM, 100% of the time, so you don't need an air receiver tank. Our custom OEM solutions bring the reliability of a VMAC rotary screw air compressor system to your industrial engine or electric driven applications.

VR40 Belt Drive Air Compressors

- 15-40 CFM, 100% Of The Time
- 57% Lighter
- 60% Smaller
- Customizable Applications

15-40 CFM @ 100 psi, 100% Of The Time

VMAC VR40 air compressors include a patented 15-40 CFM rotary screw air compressor designed to produce maximum CFM, 100% of the time, so you don't need an air receiver tank. Get jobs done faster, without interruption.

57% Lighter

VMAC VR40 air compressors feature a lightweight, aluminum design and are engineered and manufactured for mobile applications. Weighing only 14.1 lb (6.4 kg) with clutch, the VMAC VR40 is 57% lighter than competitive products weighing 33 lb (15 kg) without clutch. The VR40 is easy to transport, allowing for improved productivity in mobile applications.

60% Smaller

VMAC VR40 air compressors feature the latest rotary screw technology in a small package that is significantly smaller than any other competitive product. Measuring only 136 in³ (2.2 L), the VMAC VR40 is 60% smaller than other competitive products measuring 337 in³ (5.5 L). The VR40 is built to fit in tight spaces so it can easily integrate with your power unit.

Customizable

Choose the VMAC components to fit your unique system. VMAC's OEM team will work with your design team to design a custom air compressor system to your exact specifications.



VMAC Dealer Sales Reference Guide

VR40 Belt Drive Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.0 bar
Maximum Air Output*	40 CFM	1,133 l/min
Compressor Weight	14.1 lb	6.4 kg
Maximum Clutch Speed	6,500 RPM	

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi

VR70 Belt Drive Air Compressors

- 20-70 CFM, 100% Of The Time
- 68% Lighter
- 50% Smaller
- Customizable Applications



20-70 CFM @ 100 psi, 100% Of The Time

VMAC VR70 air compressors include a patented 20-70 CFM rotary screw air compressor designed to produce max CFM, 100% of the time, so you don't need an air receiver tank. Get jobs done faster, without interruption.

68% Lighter

VMAC VR70 air compressors feature a lightweight, aluminum design and are engineered and manufactured for mobile applications. Weighing only 21 lb (9.5 kg), the VMAC VR70 is 68% lighter than competitive products weighing 66 lb (30 kg). The VR70 is easy to transport, allowing for improved productivity in mobile applications.

50% Smaller

VMAC VR70 air compressors feature the latest rotary screw technology in a small package that is significantly smaller than any other competitive product. Measuring only 700 in³ (11.4 L), the VMAC VR70 is 50% smaller than competitive products measuring 1,370 in³ (22.4 L). The VR70 is built to fit in tight spaces so it can easily integrate with your power unit.

Customizable

Choose the VMAC components to fit your unique system. VMAC's OEM team will work with your design team to design a custom air compressor system to your exact specifications.

Single Gear 3.21 VR70 Belt Drive Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.0 bar
Maximum Air Output*	71 CFM	2,010 l/min
Compressor Weight	21 lb	9.5 kg
Maximum Clutch Speed	4,500 RPM	

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi

VR130 Belt Drive Air Compressor

- 30-130 CFM, 100% Of The Time
- 63% Lighter
- 44% Smaller
- Customizable Applications



VMAC Dealer Sales Reference Guide

30-130 CFM @ 100 psi, 100% Of The Time

VMAC VR130 air compressors include a patented 30-130 CFM rotary screw air compressor designed to produce maximum CFM, 100% of the time, so you don't need an air receiver tank. Get jobs done faster, without interruption.

63% Lighter

VMAC VR130 air compressors feature a lightweight, aluminum design and are engineered and manufactured for mobile applications. Weighing only 56.7 lb (25.7 kg), the VMAC VR130 is 63% lighter than competitive products weighing 154.3 lb (70 kg). The VR130 is easy to transport, allowing for improved productivity in mobile applications.

44% Smaller

VMAC VR130 air compressors feature the latest rotary screw technology in a small package that is significantly smaller than any other competitive product. Measuring only 770 in³ (12 L), the VMAC VR130 is 44% smaller than competitive products measuring 1,371 in³ (23 L). The VR130 is built to fit in tight spaces so it can easily integrate with your power unit.

Customizable

Choose the VMAC components to fit your unique system. VMAC's OEM team will work with your design team to design a custom air compressor system to your exact specifications.

Single Gear 2.40 VR130 Belt Drive Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.0 bar
Maximum Air Output*	130 CFM	3,681 l/min
Compressor Weight	56.7 lb	25.7 kg
Maximum Clutch Speed	4,200 RPM	

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi

Current Belt Drive Application List:

Supplier	Engine Model	Engine Displacement	VMAC Air End
CAT	C4.4	4.4L	VR70
CAT	C7.1	7.1 L	VR70
Cummins	B3.3	3.3 L	VR70
Cummins	B4.5	4.5 L	VR70
Cummins	B6.7	6.7 L	VR70 / VR130
DEUTZ	TD	2.9 L	VR70
John Deere	4045	4.5 L	VR70
John Deere	6068	6.8 L	VR70 / VR130
John Deere	6090	9.0 L	VR70
Kohler	KDI1903	1.9 L	VR70
Kohler	KDI2504	2.5 L	VR70
Kubota	V3800	3.8 L	VR70
Kubota	V5009	5.0 L	VR40/VR70
Kubota	D902	0.9 L	VR70
Scania	DC16	16 L	VR70
Yanmar	4TNV98CT	3.3 L	VR70

VMAC Dealer Sales Reference Guide

Electric Air Compressors For Mobile OEM Applications

VMAC manufactures continuous duty rotary screw air compressors, ranging from 20-130 CFM, for the most common industrial engines. VMAC is currently working with various partners to develop custom electric air compressor packages to their specifications with 200-1,000 Volt applications.

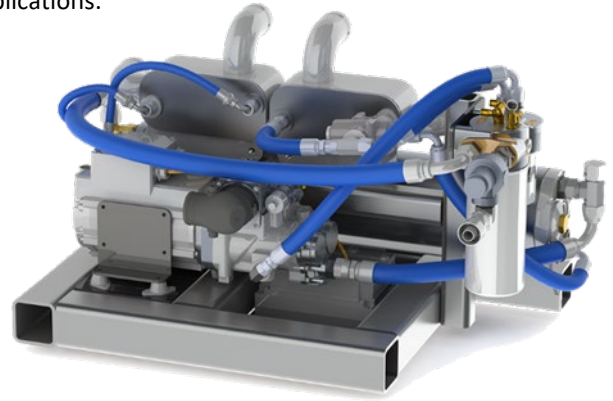
100% Duty Cycle
20-70 CFM. 100% of the time.

Lightweight, Aluminum Design
The motor and compressor utilize lightweight, durable materials.

Direct-Motor Mounted
No gears or coupling required.

Modular Dual System Design Option
Combine two compressors to produce 20-130 CFM with built in redundancy.

Customizable Options
Choose the options that work best for your application. Air to Oil or Liquid to Oil compressor cooling, modular separation, and filtration systems available.



VR70 Electric Drive Air Compressor Specifications:

Min. Working Pressure	90 psi	6.2 bar
Max. Working Pressure	175 psi	12.1 bar
Maximum Air Output*	70 CFM	1,982 l/min
Compressor Weight	50 lb	22.7 kg

*Using ASME PTC 19.5 - 2004 flow measurement standard at 100 psi

Notes

VMAC Dealer Sales Reference Guide

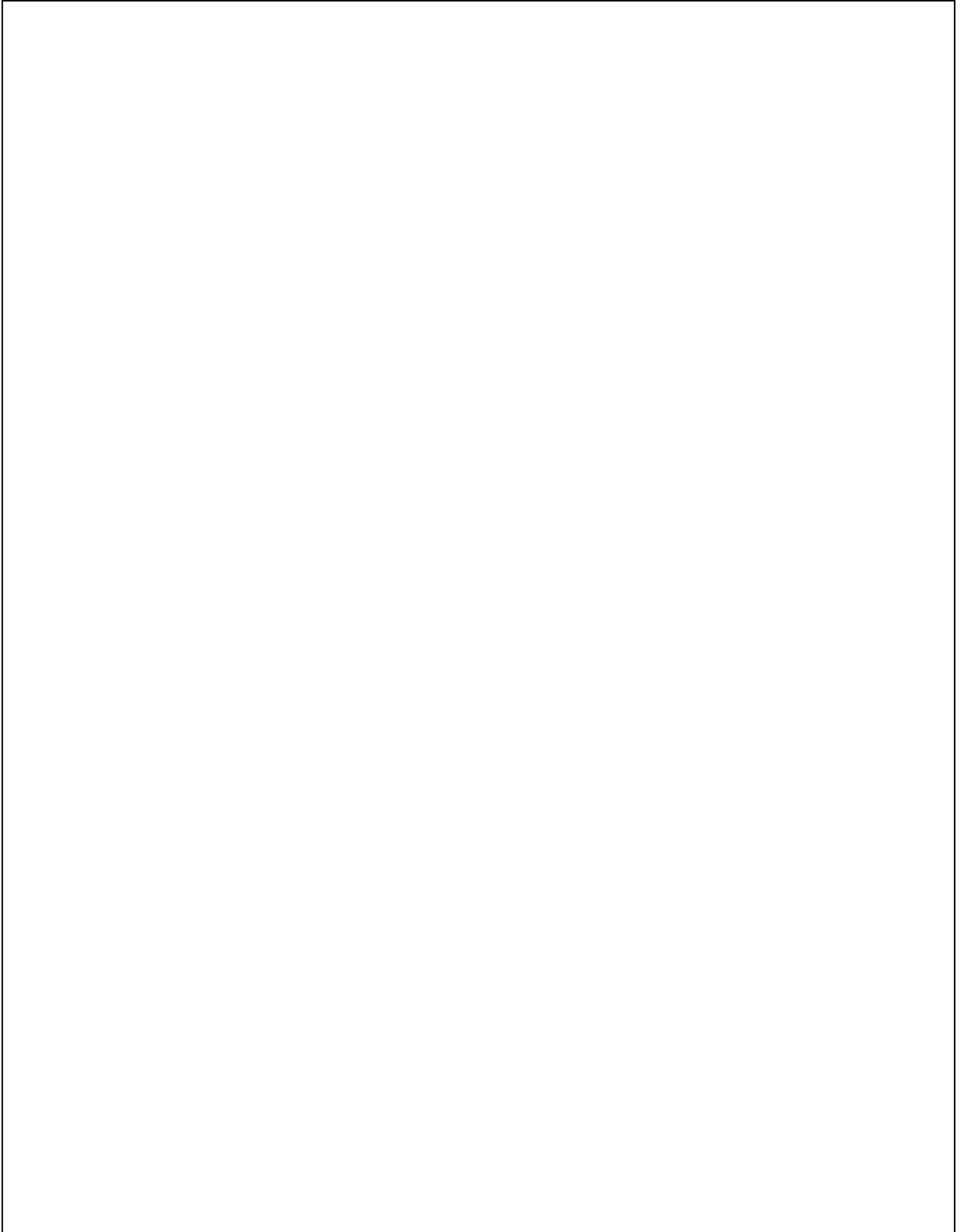
VMAC Accessories

(Product specific accessories are included with the products above.)

VMAC System Accessories	Part #	DTM		UNDERHOOD			D60	MF			G30			HYDRAULIC		
		70	70-H	VR40	VR70	VR150	Kubota	Kubota	Cat	Honda	STANDARD	STACKED	G30+GEN	H40	H60	
Air Compressor Accessories																
1/2" x 50' Hose reel	A700007	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Air Aftercooler - 185 CFM	A800185	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Air Aftercooler - 70 CFM	A800070	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Filter regulator lubricator (FRL) - 185 CFM	A700221	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Filter regulator lubricator (FRL) - 70 CFM	A700151	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Heavy duty air filter w/ pre-cyclonic filter	A700138	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Heavy duty air filter w/ rain cap	A700136	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Air Receiver Tanks																
6 Gallon Wing Tank, 170 psi Max, w/ Fittings	A300045	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10 Gallon Air Receiver Tank w/ Mounting feet, 200 psi Max, No Fittings	A300046	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10 Gallon Air Receiver Tank w/ Mounting feet, 200 psi Max, w/ Fittings	A300047	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Dual 6-Gallon Air Receiver Tanks, 150 psi Max, w/ Fittings	A500245	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35 Gallon Wing Tank, No Fittings	A300009	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35 Gallon Wing Tank, Complete w/ Fittings & Pressure Gauge	A300010	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Welding Cables																
Welding Cable, 15 Feet, Electrode	A500008	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Welding Cable, 15 Feet, Ground	A500009	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Booster Cable Set, 15 Feet	A500016	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Extension Cable, 25 feet, Electrode	A500010	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Extension Cable, 25 feet, Ground	A500011	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
6 Foot DC Extension Cable & Bracket (for remote mounting welding leads)	A500012	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Weld Cable Extension, 10 feet (extension for welding controls)	A500028	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Extension Cable, 25 feet, Current Control	A500019	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Current Control Pendant, 15 Feet	A500018	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Accessories																
5 GPM/3500 psi Hydraulic Pump (PTO option must be installed)	4500152	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
8 GPM/3500 psi Hydraulic Pump (PTO option must be installed)	4500153	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10 GPM/3500 psi Hydraulic Pump (PTO option must be installed)	4500154	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Pump- (2.5-3.2 GPM @ 3,000 psi) - MY 2020+	4500162	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Pump- (4.3-6.0 GPM @ 3,000 psi) - MY 2020+	4500163	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Pump- (6.5-8.0 GPM @ 3,000 psi) - MY 2020+	4500164	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Hydraulic Oil Cooler	A850001	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Fuel Supply Accessories																
D60 7-Gallon diesel fuel tank	A500005	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF 7-Gallon diesel fuel tank - Kubota	A500013	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF 7-Gallon diesel fuel tank - Cat	A500204	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF 12-Gallon gasoline fuel tank - Honda	A500248	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
External Fuel Pump Kit - Honda	A500247	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Fuel Priming Pump	A500030	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Cold Climate Protection Accessories																
G30 Cold Climate Kit - 120V AC Heater	A500044	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF-Honda Cold Climate Kit	A500234	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
H40/H60 Cold Climate Manifold	A700280	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Air System De-icer	A700031	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF Winter Cover - Kubota (sound shroud must be installed)	A500212	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MF Winter Cover - CAT Engine	A500215	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
G30 Winter Cover - G300003 only	A700261	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Other Accessories																
Inverter	3550930	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Inverter, 12V, 1750W	A500185	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Inverter Remote Control	A500186	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
12V DC to 120V AC Power Inverter - 800W	A500181	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Exhaust Kit, vertical discharge with rain flapper	A500004	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Mounting brackets	A700140	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Start Control Panel - G300003 only	A500042	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Start Control Panel - G300004 only	A500237	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Start Control Panel - G300005 only	A500244	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Oil Drain - G300003 only	A500043	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Remote Interface (for using crane remotes to control Multifunction)	A500029	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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