

DIESEL DRIVE MODULAR MULTIFUNCTION SYSTEM



COMPACT. POWERFUL.
Be Ready for Anything.



ALL IN ONE

COMPRESSOR
GENERATOR
WELDER
BATTERY CHARGER
BATTERY BOOSTER
PTO PORT

...OR BUILD YOUR OWN!

RAPT ***AIR-MF***
DIESEL DRIVE MODULAR
MULTIFUNCTION SYSTEM





HOW CAN THE RAPTAIR-MF HELP GROW YOUR BUSINESS TODAY?

Is your company engaged in mobile service in the oil & gas industry, public works, construction, agriculture, or mining? Does your company have a professional team of mobile service technicians who should stay productive the whole day? The RAPTAIR-MF is the world's lightest customizable multi-function system allowing you to run most air tools, handle welding needs, boost and charge batteries, provide a reliable source of AC and DC power, and gives you the ability to operate your hydraulic crane.

BENEFIT FROM THE OPTION OF 6 SYSTEMS IN 1

The RAPTAIR-MF is six systems in one that includes a 45CFM air compressor, a generator, a welder, a battery booster, a battery charger and a PTO port. With this range of tools you will be ready even for the most challenging circumstances you might face on your job site. This also decreases the equipment that requires servicing and makes maintaining that equipment easier and less expensive.



MAXIMIZE PAYLOAD - MAXIMIZE PRODUCTIVITY

The RAPTAIR-MF is roughly the same size as one standard air compressor, generator or welder, creating three times the space on your truck for additional equipment and saving 600lbs in weight. The RAPTAIR-MF can also be integrated with your trucks' diesel fuel system eliminating the need for an additional fuel tank.



SAVE FUEL AND MONEY WITH INTELLIGENT DIGITAL CONTROLS

The RAPTAIR-MF provides a potential truck fuel savings of 30%-35% due to its light weight and reduced idling. Also its Intelligent Digital Controls automatically shut down the Multifunction system and enter standby mode when air is not required, further decreasing your fuel costs. The system will then automatically restart when you start using your air tool.



ALL IN ONE



SWITCH BETWEEN SYSTEMS WITHOUT MANEUVERING

The RAPTAIR-MF allows workers to seamlessly switch between systems without the hassle of maneuvering equipment. This means more time working, improving productivity and allowing you to provide shorter time on bids. Easy to use, the Multifunction is designed to run efficiently with only one operator.



REDUCE IDLING WHEN RUNNING A HYDRAULIC OR ELECTRIC CRANE

The RAPTAIR-MF's versatility can replace up to six systems and can allow for hydraulic crane operation when your truck is turned off. With an optional crane remote interface you can operate your Multifunction with your 12 volt crane remote.



WHAT PEOPLE ARE SAYING...

"I am impressed with the versatility of the V-MAC Multifunction. I can very quickly and easily go from using the on board air system to switching over to welding and air arcing. The unit has been great, reliable and easy to use. Very nice having the ability to air arc, weld, jump start units and switch over to air, all in one. I would highly recommend [installing one] if someone was setting up a shop/service truck"

- Great West Equipment, British Columbia, Canada



GET STARTED.

**Turn the page to
customize your RAPTAIR-MF**



CUSTOMIZE YOUR OWN MULTIFUNCTION SYSTEM

Why would you pay for components you don't use? With VMAC's Modular Multifunction you can build a personalized power system that fits your needs. With up to six systems in one you can seamlessly switch between applications without the hassle of maneuvering equipment.

THE TOP 3 MOST POPULAR MODELS

• RAPT-AIR-MF 6 in 1

The ultimate Multifunction System - this package will do it all. With your choice of 3 hydraulic pump sizes you can power your hydraulic crane with your truck engine off.

- ✓ Kubota Diesel Engine
- ✓ 45 CFM Air Compressor
- ✓ 8kW Continuous AC Generator
- ✓ 300A DC Welder
- ✓ Battery Booster
- ✓ Battery Charger
- ✓ PTO Port
- ✓ Cold Climate Protection

• RAPT-AIR-MF Air & Generator

Ideal for service trucks, mobile tire service, lube trucks, or skid mounting - this Multi-Function System will work anywhere and do almost anything.

- ✓ Kubota Diesel Engine
- ✓ 45 CFM Air Compressor
- ✓ 10.2kW Continuous AC Generator
- ✓ Cold Climate Protection

• RAPT-AIR-MF Air & PTO

Turn your truck engine off - With your choice of 3 hydraulic pump sizes - this unit is ideal for trucks requiring air and a source of hydraulic power to power your crane or other hydraulic equipment.

- ✓ Kubota Diesel Engine
- ✓ 45 CFM Air Compressor
- ✓ PTO Port
- ✓ Cold Climate Protection



For more information about VMAC's Warranty Policy, please visit www.vmacair.com/warranty

Get What You Need in the RAPT-AIR-MF



YOU PICK. WE BUILD.
CALL 1-877-912-6605



AIR COMPRESSOR

High airflow, 100% duty cycle with the reliability of the global leader in mobile compressed air

WELDER

Multi-process welding including gouging, constant current, constant voltage and the ability to run a suit-case style wire feeder



BATTERY CHARGER

Keep your customers up and running with a mobile battery charger



BATTERY BOOSTER

Boost anything from a car to a haul truck



GENERATOR

Proven mobile power solution to run your electronic equipment and electric tools

HYDRAULIC PUMP

Flexible, smooth hydraulic flow for reliable and precise crane operation



HYDRAULIC PUMP OPTIONS:

Choose the pump you need for the work you do.

- 5GPM @ 3500PSI (max)
- 8GPM @ 3500PSI (max)
- 10GPM @ 2800PSI (max)



COLD CLIMATE PROTECTION FOR -40°

Optional Cold Climate Protection recommended if ambient temperatures frequently drop below -10C (14F). Combine with optional 1000W inverter and warm the system on the way to the job site.



RAPT **AIR-MF**

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GET THE PERFECT ACCESSORIES FOR THE RAPTAIR-MF

Proper maintenance of the RAPTAIR-MF is crucial and will directly affect worker productivity, operational costs and profit. Engine and compressor service kits will help extend the life your RAPTAIR-MF and maximize the ROI of your purchase. Further, VMAC offers an array of after market accessories to make your fleet more productive and profitable. For preventive air tool maintenance we offer a Filter Regulator Lubricator that will reduce dirt and moisture in the air stream from damaging your tools. For additional air tool protection consider an ELIMINATOR70 which will remove up to 80% of moisture from your air lines – reducing rust and scaling. Other innovative accessories include a Crane Remote Interface that will allow you to control your RAPTAIR-MF through your 12V crane remote.

SERVICE KITS



☐ 100 HOUR KUBOTA
ENGINE SERVICE KIT
A500007



☐ 200 HOUR COMPRESSOR
SERVICE KIT
A500023



☐ 400 HOUR COMPRESSOR
SERVICE KIT
A500024

COMPRESSOR ACCESSORIES



- ☐ 10 GALLON AIR RECEIVER TANK W/ FITTINGS, A300047
- ☐ 35 GALLON AIR RECEIVER TANK W/ FITTINGS, A300010



☐ HOSE REEL,
1/2" X 50 FT
A700007



☐ FILTER REGULATOR
LUBRICATOR, 3/4"
A700151



☐ ELIMINATOR70
AIR AFTERCOOLER
A800070

GENERAL ACCESSORIES



■ 7 GALLON DIESEL TANK
A500013



■ TRANSFER FUEL PUMP KIT
A500030



■ 1000W, 12V INVERTER
A500172



■ REMOTE FOR 1000W, 12V INVERTER
A500173

GENERATOR/WELDER ACCESSORIES



■ 15 FOOT ELECTRODE
WELDING CABLE
A500008



■ 15 FOOT BOOSTER
CABLE SET
A500016



■ 15 FOOT CURRENT
CONTROL PENDANT
A500018



■ 15 FOOT GROUND
WELDING CABLE
A500009



■ 25 FOOT CURRENT
CONTROL EXTENSION
CABLE A500019



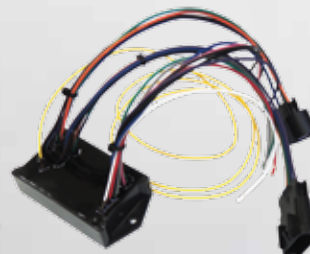
■ 25 FOOT RED
EXTENSION CABLE
A500010



■ 10 FOOT REMOTE
WELDING CONTROL
EXTENSION CABLE
A500028



■ 25 FOOT BLACK
EXTENSION CABLE
A500011



■ 12V CRANE REMOTE
INTERFACE
A500029



■ 6 FOOT DC
EXTENSION CABLE
A500012

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RAPTTMAIR-MF SPECIFICATIONS

Engine:

- Kubota Diesel D902 3-cylinder, naturally aspirated 3600 rpm, Tier 4 final compliant

Weight (Wet):

- All in One – Approx. 570lbs (259kg), not including hydraulic pump or fuel tank

Dimensions:

- Designed to fit on side pack with center slider, 23"(w) x 33"(l) x 29"(h), base footprint: 30"(l) x 20"(w)

Air Compressor:

- 100% duty cycle, VMAC oil-injected rotary screw air compressor, 45CFM and up to 175PSI

AC/DC Generator/Welder Option:

- AC: 8kW continuous output
- 1 x 30A, 240V, 60Hz 3 phase circuit (w/wo receptacles)
- 2 x 20A, 120V, 60Hz single phase circuit (w/wo receptacles)
- DC: For battery boosting/jump starting, other DC loads
- 12V, 24V, 36V, 48V selectable
- CC mode for SMAW and GTAW (stick/TIG welding)
- 300A @ 70% duty cycle, 200A @ 100% duty cycle



AC Generator Only Option:

- AC: 10.2kW continuous output
- 1 x 30A, 240V, 60Hz single phase circuit (w/ terminal strip)
- 2 x 20A, 120V, 60Hz single phase circuit (w/ terminal strip)

Power Takeoff Port Option:

- Clutched SAE 'A' port w/ 9-toothed spline, 2800rpm output, 35ft-lb continuous torque max

Hydraulic Pump Options:

- 5GPM @ 3500PSI (max)
- 8GPM @ 3500PSI (max)
- 10GPM @ 2800PSI (max)
- Or choose your own

Control System:

- Customizable digital controls
- Remote mounted generator/welder control panel
- Remote mounted compressor control panel
- Separate selector switches engage compressor, generator and PTO
- Any one function or all 3 can be selected at any time
- With compressor only selected, and sustained periods of no air use, the control system will shut down the engine
- Engine auto-restarts on air demand
- With any other function selected, the engine will not shut down automatically
- Programmable auto restart for cold temperature or low battery voltage



YOUR VMAC AUTHORIZED DEALER

VMAC
VEHICLE MOUNTED AIR COMPRESSORS

1-877-912-6605 | www.vmacair.com

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FX 250-740-3201

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