



COMPACT. POWERFUL.™

Be Ready for Anything.



6 IN 1

COMPRESSOR
GENERATOR
WELDER
BATTERY CHARGER
BATTERY BOOSTER
HYDRAULIC PUMP

...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.



6 IN 1

 COMPRESSOR  GENERATOR  WELDER
 BATTERY CHARGER  BATTERY BOOSTER  HYDRAULIC PUMP



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 VMAC 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 including powering your hydraulic crane. With optional Cold Climate Protection and your choice of 3 hydraulic pumps you can work anywhere and do anything.

- ✓ Kubota Diesel Engine
- ✓ 45 CFM Air Compressor
- ✓ 10,000W A/C Generator
- ✓ 300 Amp DC Welder
- ✓ Battery Booster
- ✓ Battery Charger
- ✓ PTO Port
- ✓ Hydraulic Pump

• RAPT AIR-MF 5 in 1

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

- ✓ Kubota Diesel Engine
- ✓ 45 CFM Air Compressor
- ✓ 10,000W A/C Generator
- ✓ 300 Amp DC Welder
- ✓ Battery Booster
- ✓ Battery Charger

• RAPT AIR-MF Air & PTO

With optional Cold Climate Protection and your choice of 3 hydraulic pumps - 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
- ✓ Hydraulic Pump

**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.



GET THE PERFECT ACCESSORIES FOR THE RAPT AIR-MF

Proper maintenance of the RAPT AIR-MF is crucial and will directly affect worker productivity, operational costs and profit. Engine and compressor service kits will help extend the life your RAPT AIR-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 RAPT AIR-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



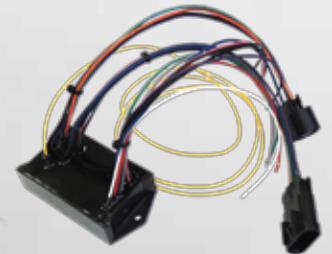
■ 25 FOOT RED EXTENSION CABLE
A500010



■ 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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RAPT AIR-MF

DIESEL DRIVE MODULAR
MULTIFUNCTION SYSTEM



RAPTAIR-MF SPECIFICATIONS

Engine:

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

Weight (Wet):

- 6 in 1 – 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

Generator:

- AC: Two 20A 120V duplex receptacles, 2400W each
- 7,000W continuous single phase 60Hz output, 240V output
- 10,000W continuous three phase 60Hz output, 240V output
- DC: For battery boost/jump starting, other DC loads
- 12V, 24V, 36V, 48V selectable, 300A capable



Welder:

- CC mode for SMAW and GTAW (stick/TIG welding)
- CV mode for GMAW and FCAW (MIG/flux core welding)
- 300A DC, 70% duty cycle, 200A DC, 100% duty cycle

Power Takeoff Port:

- 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 on truck cab cold temperature or low battery voltage



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SCAN ME



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