

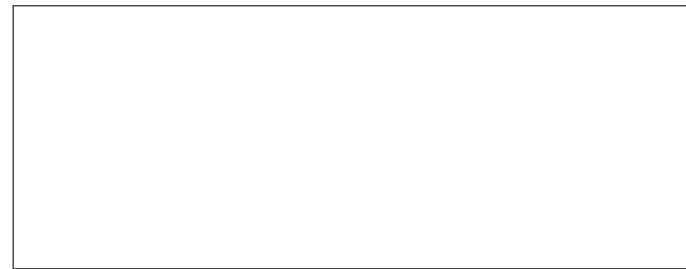
Maintainer's products service a wide range of applications and markets:

- MUNICIPALITIES
- MILITARY
- GOVERNMENT
- PROPANE
- CONSTRUCTION
- UTILITIES
- RAILROADS
- AGRICULTURE
- MINING
- RENTAL
- EQUIPMENT DEALERS



Maintainer produces premium quality customized mechanics service truck bodies, lubrication bodies and telescopic cranes

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RAPT AIR-MF

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Crafting a Legacy of Premium Truck Bodies

1701 2ND AVENUE | SHELDON, IA 51201 | 800-831-8588

STAND ALONE MULTIFUNCTION DIESEL DRIVE
Compressor - Battery Booster - Battery Charger - Welder - Generator - PTO Port

Maintainer

FEATURES

The RAPTAIR-MF Is Six Systems In One!

This decreases the parts that require servicing and makes maintaining those parts easier and less expensive. The RAPTAIR-MF not only has a welder, an air compressor, generator and battery booster/charger in one system, it also has an open center hydraulic pump to support hydraulic cranes.

- 12/24/36/48V Battery Booster/Charger
- 45 CFM Air Compressor
- 7 kW Generator (single phase)
- 300 Amp Welder
- Crane Hydraulics 7.5 GPM @ 3000 PSI

**Compact.
Powerful.**



MOUNTING OPTIONS
Sidepack or deck mount.

SHARED FUEL SUPPLY
The Raptair-MF is integrated with your truck's diesel fuel system eliminating the need for an additional fuel tank.

HEATERS
Engine Heater and Hydraulic Reservoir Heater



DISPLAY PANEL
Monitors and displays engine and air compressor status

CRANE REMOTE
Uses Maintainer's crane remote, tethered or wireless as is, no need to change remote or retrain the operator.



COMPRESSED AIR
Belt driven, VMAC oil-injected rotary screw. 45 CFM @100 psi
Max psi 150

ELECTRIC POWER
120V and 240V



MORE CARGO SPACE!

The elimination of additional systems allows for more cargo capacity in your truck, providing space to transport valuable equipment and supplies!

SPECIFICATIONS

	KUBOTA ENGINE	CAT ENGINE
Compressor Type	Belt driven, VMAC oil-injected rotary screw, 100% duty cycle	Belt driven, VMAC oil-injected rotary screw, 100% duty cycle
Rated Air Capacity	True 45 CFM @ 100 psi (150 psi max)	45 CFM @ 100 psi (175 psi max)
Weight (wet)	Approximately 585 lbs (265 kg)	570 lbs. (259 kg)
Dimensions	23" (W) x 33" (L) x 29" (H)	34.8" (L) x 24.8" (W) x 31.3" (H)
Engine	Kubota diesel D902 3-cylinder, naturally aspirated 3,600 rpm Tier 4 final compliant	CAT C1.1 industrial diesel engine, Tier 4 final; inline 3, 4-stroke, naturally aspirated (extended oil change interval (CAT) 500 hrs/1 yr)
Fuel Supply	Chassis fuel tank tied in with booster pump	7 gal. tank or external diesel fuel pump kit
Coolers (Engine & Compressor)	Integrated	Integrated
Electrical Output	AC: 20A 120V duplex receptacles at 2,400 W <ul style="list-style-type: none"> • One 7,000W continuous single phase 60 Hz output, 240V output DC: (for battery boost/charging, other DC loads) <ul style="list-style-type: none"> • 12V, 24V, 36V, 48V selectable, 300 A capable • WELDING: 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 	AC: 8kW continuous output <ul style="list-style-type: none"> • 1x30A, 240V, 60Hz 3 phase circuit (w/w/o receptacles) • 2x20A, 120V, 60Hz single phase circuit (w/w/o receptacles) DC: (for battery boosting/jump start, other DC loads) <ul style="list-style-type: none"> • Boost - 300A max@13V; Charge-12V, 24V, 36V, 48V • CC mode for SMAW & GTAW (stick/TIG welding) • 250A@ 35% duty cycle; 190A@60% duty cycle
Intelligent Digital Control System	Remote mounted generator/welder control panel 2-speed throttle control System will shut down engine when air is not needed, and automatically restart the engine again when air is required (adjustable time delay) Optional 15 foot remote current pendant control, separate selector switches engage compressor, generator, welder and PTO (any function or all 3 can be selected at any time)	Remote mounted generator/welder & compressor control panel 2-speed throttle control With compressor-only selected, & 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
Cold Climate	120V, tested to -40° C	120V, tested to -40° C
Warranty	Two years on all major components (engine warranted by Kubota)	Two years on all major components. CAT engine 2-year limited warranty
Air Receiver Tank	17 gallon	Minimum 10 gallon tank



DID YOU KNOW... The RAPTAIR-MF's automatic shutoff controls ensure that its diesel engine is not running when air is not required, further decreasing your fuel costs and emissions

