



GAS DRIVEN AIR COMPRESSOR

G90 with FlexDrive AMS



BENEFITS



FlexDrive AMS Provides Power and Versatility For Every Job

The G90 features VMAC's FlexDrive AirFlow Management System (AMS)* which adapts automatically to deliver optimal airflow and pressure, providing up to 90 CFM at 100 psi continuously or up to 50 CFM @ 170 psi for high-pressure applications. The control system monitors air demand and engine load, reacting to changes by shifting belt drives to generate the compressed air required.



Most Compact & Versatile Gas Driven Air Compressor

With the G90 Gas Driven Air Compressor and FlexDrive AMS, you only need one machine to power your job site tools, delivering up to 90 CFM of adaptive airflow and pressure in a single compact, affordable machine. With the G90, crews can run heavy-duty tools like jackhammers, rock drills, moles and cutting saws without having to haul a trailer or tow-behind air compressor. Mobile tire technicians benefit from the G90's versatility, as a higher psi at high continuous air flow enables operators to inflate tires faster and power large pneumatic tools like 1 inch impact wrenches efficiently.



Quiet Gas Powered Air Compressor

VMAC's G90 is seriously quiet compared to similar systems, emitting just 73 dB at high idle. With noise reduction panels, Unload Mode and Standby Mode, jobsite noise is minimized. Operators will appreciate easier communication, and neighbors will appreciate less disturbance.



Intelligent Digital Controls

Intelligent digital controls with optional telematics provide real-time data, smart diagnostics, remote start/stop, error codes and automated performance for efficient operation. The system also includes standard safety features including compressor and engine overheat shutdown, automatic rapid blowdown valve, 200 psi air pressure relief valve, battery protection and automatic cold climate protection.

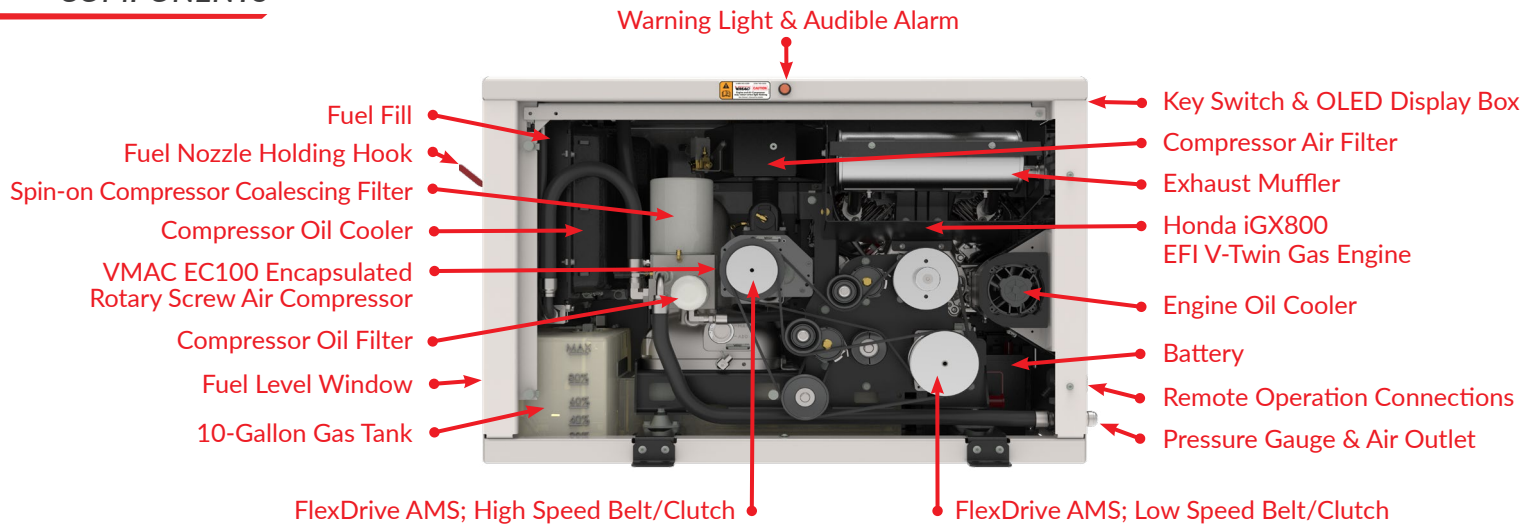


Advanced Rotary Screw Technology

The G90 boasts the EC100* encapsulated rotary screw air end, which delivers cleaner and more efficient compressed air with reduced maintenance, giving operators maximum reliability and performance in the toughest conditions.

*Patent Pending

COMPONENTS



SPECIFICATIONS

Air Compressor Output	» Up to 90 CFM @ 100 psi » Up to 50 CFM @ 170 psi
Air Compressor Type	VMAC EC100* encapsulated rotary screw air end, belt driven, 100% duty cycle
FlexDrive AirFlow Management System (AMS)	FlexDrive AMS* is a dual belt and clutch system that automatically shifts between high-pressure and high-flow modes, delivering the right air for the job.
Engine	Honda iGX800 V-Twin EFI gas engine
Weight with Gas Tank (dry)	495 lb (224.5 kg)
Dimensions	47" (l) x 20.9" (w) x 31.5" (h); 120 cm (l) x 53 cm (w) x 80 cm (h)
Decibels (dB) @ 21 feet (6.4 m)	73 dB at high idle, 59 dB at low idle, 0 dB in Standby Mode
Gas Tank	Integrated 10-gallon gas tank, EPA compliant
Battery	ACDelco 12V, 460 CCA, 575 CA
Control System/Telematics	» Controls mounted on the G90 include an OLED display box, the interface for adjusting all air compressor settings, and displaying real-time system information, service notifications and informative diagnostic messages; separate momentary rocker switch engages the air compressor. The display can be easily removed and mounted anywhere with an optional extension harness. » Optional telematics provide real-time diagnostics, system use, hours, service intervals, remote start/stop, and error codes through industry standard J1939 interface. » With sustained periods of no air use, the control system switches to Standby Mode, the compressor and engine shut down but remain ready to automatically restart when compressed air is used.
Cold Climate Protection	» System will wait to load and go into a running state until the engine temperature is above 50°F (10°C); high speed operation will be available once compressor temperature is above 104°F (40°C). » There is an optional cold climate kit if ambient temperatures frequently drop below -10°C (14°F).
Air Receiver Tank (Recommended but not included)	Minimum 10-gallon air receiver tank recommended (not included) for proper operation of all functions
Warranty	» 2 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

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VMAC Dealer Information