

UNDERHOOD AIR COMPRESSORS



COMPACT. POWERFUL.

Free Up Space. Maximize Payload.



**INDUSTRY LEADING
ONBOARD AIR COMPRESSOR**

UNDERHOOD
AIR COMPRESSORS



UNDERHOOD

AIR COMPRESSORS

THE LEGENDARY GAME-CHANGER OF THE MOBILE AIR COMPRESSOR INDUSTRY

The VMAC UNDERHOOD is the world's most compact truck mounted mobile air compressor with almost 20 years history. Its success comes from the unique technology that integrates the compressor onto the truck's engine to build massive air and free up the truck's cargo space.

You will be faster and more efficient on your jobsite like never before!

FREE UP SPACE – MAXIMIZE PAYLOAD

Just imagine your compressor is integrated with your truck's engine, eliminating a second engine and lowering your maintenance costs. It also utilizes the truck's existing cooling system, so there is no need for extra fluids and maintenance. With zero footprint in your cargo area the UNDERHOOD frees up valuable space for transporting additional tools and equipment, preparing you for any job.



100% DUTY CYCLE – HANDLE ANYTHING ON YOUR JOB SITE

The powerful VMAC rotary screw compressor provides continuous high volume air to run a wide range of pneumatic tools including impact wrenches, grinders, pavement breakers, air guns and post pounders. The UNDERHOOD is ideal for mechanic's trucks, tire service trucks and street maintenance fleets.



WORK IN EXTREME COLD AND HOT CONDITIONS

From working on the frozen northern slope of Alaska to the arid deserts of Arizona, and everywhere in between, the UNDERHOOD is engineered to work where you do.



SAVE FUEL - AUTOMATIC STANDBY MODE (OPTIONAL)

The optional UNDERHOOD70-G is designed for environmental and fuel savings, with an advanced control system that turns the truck's engine off and on automatically with air demand. That means significant decrease in stationary fuel consumption and engine idling hours.



**CALL TODAY TO
BOOK A DEMO 1-877-912-6605**

EASY TO OPERATE

Simply shift your truck into park and engage the parking brake. With the engine idling, a simple on/off switch turns on the compressor system. Once on, an electric clutch engages on the compressor, the engine idles up, and the rotary screw compressor delivers a steady, continuous flow of air to your tools.



ROTARY SCREW QUICK FACTS

- Rotary screw compressors have a long history of superior performance and durability.
- Powerful 100% duty cycle means you can fill a tractor trailer tire in 90 seconds.
- A drier, cooler option over reciprocating compressors, the rotary screw compressor makes less unwanted heat and moisture in the system.

COMPATIBLE WITH THE HARDEST WORKING TRUCKS



COMPONENTS

AIR COMPRESSOR

Rotary screw compressor mounts under the truck's hood with an engineered bracket and belt drive system.

COOLER

Liquid-to-liquid cooler integrates into truck's cooling system and mounts under the radiator.

CONTROLS

Digital control box and air on-demand throttle control mount in the cab.

AIR/OIL SEPARATOR TANK

Separates compressor oil from compressed air and mounts safely to truck's frame rail.



WATCH THE UNDERHOOD70 IN ACTION!



vmacair.com/UH

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UNDERHOOD SPECIFICATIONS

Compressor Type	Belt Driven, 100% duty cycle, VMAC oil-injected rotary screw
Rated Air Capacity	Up to 70CFM or 150CFM and up to 175PSI
Weight (wet)	VR70 ~ 150lbs (68 kg) or VR150 ~ 200lbs (90 kg)
Bracket	Lightweight cast aluminum design, application engineered, easy installation
Air/Oil Separator Tank	Lightweight aluminum, mounts along frame rail
Cooler	Liquid to liquid, mounts below radiator
Throttle Control	Adjusts engine speed automatically to match air demand
Display and Control	LCD display: service notifications, error messages and system temperature
Safety Features	Vehicle drive disable circuit on throttle control, park brake safety shut-off switch on control box, automatic rapid blow-down valve on tank, 200PSI pressure relief valve on tank, electric clutch on compressor
Warranty	Two years on all major components

ADDITIONAL FEATURES: 70-G MODEL

VMAC Intelligent Digital Controls	Significant decrease in stationary fuel consumption, emissions and operating costs and meets anti-idling bylaw requirements
Standby Mode	Automatic (adjustable), engine turns off at a set time period when no air use is detected, engine turns on again with air use, low battery restart, internal cab temperature restart
Adjustable parameters	Digital setup on display box
Air Receiver Tank (not included)	Minimum 5 gallon (200PSI) required for proper operation of all functions

ABOUT VMAC

Established in 1986, VMAC began by designing jet engines for the Military and has now grown into a global leader in the manufacturing of mobile rotary screw air compressors with a network of 400 dealers.

YOUR VMAC AUTHORIZED DEALER



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