

PREDATAIR HYDRAULIC AIR COMPRESSOR



COMPACT. POWERFUL.™

Smarter. Smaller. Stronger.



40 CFM
60 CFM

PREDAT AIR
HYDRAULIC AIR COMPRESSORS





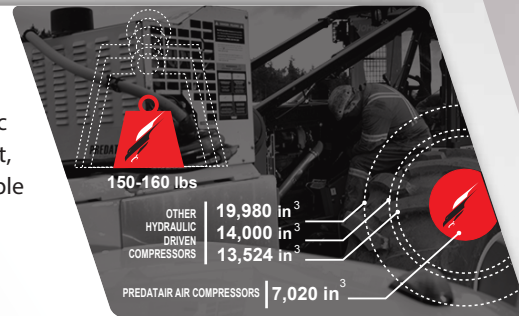
THE LIGHTEST HYDRAULIC DECK MOUNT AIR COMPRESSOR AVAILABLE

The VMAC PREDATAIR is a hydraulic driven deck mounted rotary screw air compressor built for the modern work truck. When space is at a premium and weight savings is a priority, the choice of upfitters is the smallest and lightest hydraulic deck mount compressor available. The PREDATAIR is designed to work in the most extreme climate conditions, with built-in protection to operate anywhere you work. VMAC offers two models that provide a CFM range of 25-60 CFM of continuous air output, 100% duty cycle.

DECREASE GVW BY 260LBS.¹

Every pound matters on your work truck. VMAC's lightweight rotary screw hydraulic driven air compressor cuts down on compressor weight, and in turn vehicle weight, by as much as 260lbs. With an extra 260lbs of GVW available, your truck will be able to carry more materials, equipment, or passengers.

¹ Based on weight comparisons between the VMAC PREDATAIR40 and another leading 40 CFM hydraulic deck mount air compressor.



SAVE UP TO 5% IN FUEL.²

Optimize your fleet with the lightest hydraulic deck mount air compressor in its class. By reducing your GVW by as much as 260lbs, you'll save up to 5% in fuel costs.

² Based on calculations from the Environmental Protection Agency. Up to 2% savings in fuel, per hundred pounds of vehicle weight. Based on weight comparisons between the VMAC PREDATAIR40 and the leading 40 CFM hydraulic deck mount air compressor.



FREE UP 6FT³ ON YOUR TRUCK BODY.³

Get a powerful air compressor that is big on space savings. VMAC's compact rotary screw air compressor package helps make room for hauling more tools, equipment and materials. Or, it simply makes your truck appear more organized. With up to 6 cubic feet of additional space, the choice is yours.

³ Based on size comparisons between the VMAC PREDATAIR40 and the leading 40 CFM hydraulic deck mount air compressor.



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

EASY TO OPERATE

How easy? Simply press the on/off button on the digital display box. The control system will take care of the rest! The display will show the system status and if something isn't right, it will tell you. When you stop using air for any reason, the PREDATAIR goes into Standby Mode. This means essentially it is off, but ready to start up automatically the moment you need air.⁴

⁴Assuming proper safety conditions are in place: truck is parked safely and PTO engaged



COMPONENTS

INTEGRATED HYDRAULIC/COMPRESSOR OIL COOLER

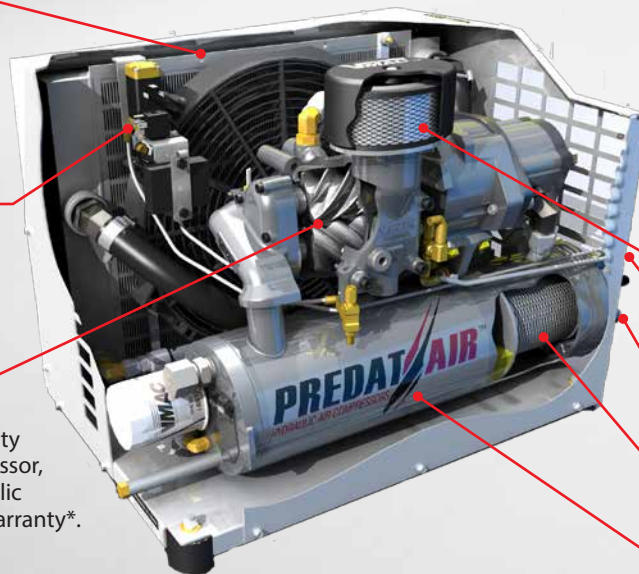
12V activated fan, turns on/off automatically to adapt to hydraulic and compressor oil temperature.

DIGITAL CONTROL MODULE

Controls system operation and stored settings.

ROTARY SCREW AIR COMPRESSOR

25-60 CFM VMAC 100% duty cycle rotary screw compressor, directly driven off hydraulic motor, VMAC Lifetime Warranty*.



DIGITAL DISPLAY BOX

LCD for on/off controls, observing system status and adjusting parameters, mounts where needed on truck.

AIR FILTER

HYDRAULIC MANIFOLD

Controls flow of hydraulic oil through the system.

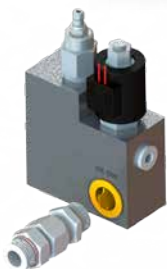
AIR DISCHARGE

COALESCING FILTER

AIR/OIL SEPARATOR TANK

Separates compressor oil from compressed air.

PREDATAIR ACCESSORIES



COLD CLIMATE MANIFOLD

A700146

Fully automated manifold heater block; recommended for extreme cold climates (-15°C / 5°F)



CLOSED CENTER MANIFOLD

A700190/191

Required for installing the PREDATAIR on Variable Displacement Hydraulic Systems (Closed Center) Hydraulic Circuits



HYDRAULIC OIL COOLER

A850001

12V activated oil cooler; recommended for high duty cycle applications in extreme hot climates (+37°C / 100°F)



MOUNTING BRACKETS

A700140

Allows for an easier and more rigid installation



AIR RECEIVER TANK

Minimum 6 Gal (150psi), recommended for smoother operation of all functions

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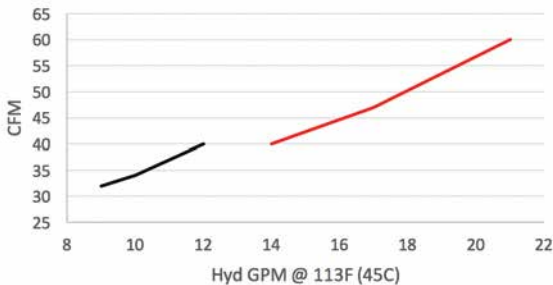
PREDAT AIR

HYDRAULIC AIR COMPRESSORS

SPECIFICATIONS	PREDATAIR 40	PREDATAIR 60
Compressor Type	Direct drive, 100% duty cycle, VMAC oil-injected rotary screw	
Rated Air Capacity	25-40 CFM at 150psi 0.7-1.13 m3/min	40-60 CFM at 150psi 1.13-1.7 m3/min
Weight (dry)	150lbs (68kg)	160lbs (73kg)
Dimensions	16.5" w x 24.0" l x 18.0" h (42cm w x 61cm l x 46cm h)	
Cooler	Integrated hydraulic / compressor oil cooler	
Hydraulic Flow Required	9-12 GPM (34-46 LPM)	14-21 GPM (53-80 LPM)
Hydraulic Pressure at Full Load	2,345psi (162 bar)	2,450psi (169 bar)
	3,000psi hydraulic pump recommended	
Hydraulic Connections	#12 ORB Inlet, #16 ORB Outlet	
Electrical Input	10A @ 12V (nominal) – 30A fuse or breaker required	
Safety Systems	High temperature shutdown Cold start protection 200psi air pressure relief valve Automatic air pressure blowdown valve 2,800psi hydraulic pressure relief valve Hydraulic cooler bypass check valve	
Warranty	Two years on all major components; VMAC air ends are covered by VMAC's Lifetime Warranty ⁵ . ⁵ For more information about VMAC's Warranty Policy, please visit www.vmacair.com/warranty	



CFM vs GPM



PREDATAIR QUICK FACTS

- Performs in any conditions
- Up to 40 or 60 CFM @ 150 psi
- 100% Duty Cycle
- Lightweight, direct fuel savings
- Unique design protects hydraulic system in extreme weather



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