



# **PREDATAIR Hydraulic-Driven Air Compressors**

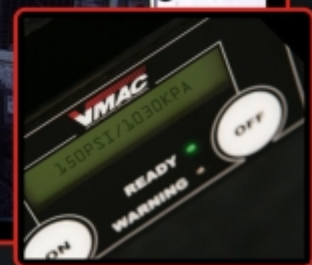
**SMARTER. SMALLER. STRONGER.**

# SMARTER



Advanced digital technology allows you to reduce fuel consumption and heat generation in Standby Mode – the revolutionary feature that puts the compressor to rest when there is no demand for air. The VMAC PREDATAIR wakes immediately when air is required again. Equipped with a remote digital LCD control unit, operators can now monitor hydraulic and compressor oil temperature, compressor pressure, system hours and perform on-the-spot analysis in less than 60 seconds. Settings are adjustable to suit the operators' needs. The automated control module protects the system from operator error. Built in freeze protection and an over-temp safety sensor also protect the VMAC PREDATAIR when operating in extreme climates.

- **STANDBY MODE**
- **COLD START PROTECTION**
- **REMOTE LCD DISPLAY**



"These [digital control features] have solved cold weather startup problems our customers have had with other compressors. The standby mode takes a load off the hydraulic system when air is not being used. This is a great feature compared to the competition...I would recommend this compressor to all construction contractors."

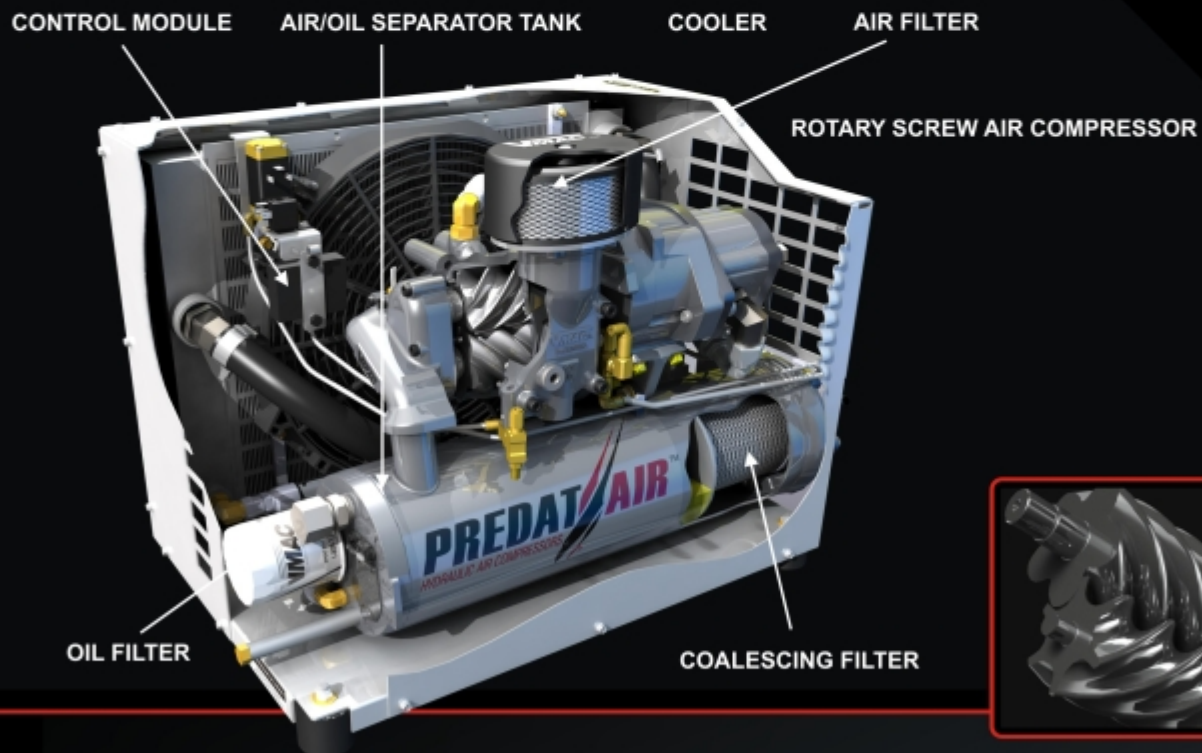
Wilcox Bodies,  
Milton, ON

# SMALLER



VMAC has utilized experience and technology gained from over 20 years in the underhood air compressor business to design the smallest and lightest hydraulic compressors in their CFM class. The compact size and weight of the VMAC PREDATAIR reduces wear and tear, delivers fuel savings and maximizes the amount of space on your work truck. Maintenance on the VMAC PREDATAIR can be done easily and quickly, with easy-to-access serviceable parts..

- **INTEGRATED COMPONENTS**
- **LIGHTWEIGHT**
- **COMPACT**



"Compared to other compressors, this one has done the job and then some. I highly recommend it. I filled up a 375 x 39 to 100 psi in 15 minutes."

Kal Tire  
Vernon, BC

# STRONGER



The VMAC Rotary Screw Compressor delivers air on-demand at 100% duty cycle and packs the muscle to power up to a 60LB jackhammer or a 1" impact wrench. VMAC stands behind its products. North American VMAC Dealer surveys consistently rank VMAC as a top supplier delivering prompt and professional customer and technical support. A full 2 year warranty comes standard on every VMAC air system.

- AIR ON-DEMAND, 100% DUTY CYCLE
- UP TO 40 OR 60 CFM
- 2-YEAR WARRANTY

#### COMMON TOOLS

1" IMPACT GUN  
3/8" - 5/8" DRILL  
60LB PAVING BREAKER  
4" HORIZONTAL GRINDER

#### AIR REQUIRED

30 - 50 CFM  
12 - 35 CFM  
12 - 48 CFM  
20 - 60 CFM



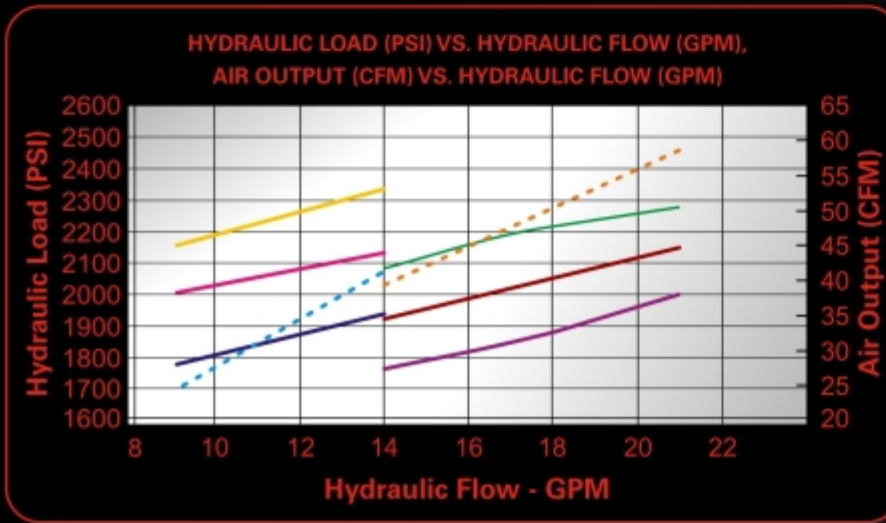
"Anything that makes the job easier with air, we'll pick up. The VMAC [PREDATAIR] basically gives you unlimited power for the job. Overheating excavators, where you have to have a good compressor to blow the rad out, is no problem. The PRED's air volume just works."

Brandt Tractor  
Nanaimo, BC

# SPECIFICATIONS



PERFORMANCE CHARACTERISTICS	PREDATAIR40	PREDATAIR60
Rated Air Capacity - CFM (m <sup>3</sup> /min)	25-40 (0.71-1.13)	40-60 (1.13-1.70)
Pressure Range - PSI (kPa)	Up to 150 (1,034)	Up to 150 (1,034)
<b>DIMENSIONS</b>		
in	16.5 (w) x 24.0 (l) x 18.0 (h)	16.5 (w) x 24.0 (l) x 18.0 (h)
cm	42 (w) x 61 (l) x 46 (h)	42 (w) x 61 (l) x 46 (h)
<b>WEIGHT</b>		
Dry Weight - lb (kg)	150 (68)	160 (72.5)
Working Weight - lb (kg)	162 (74)	172 (78.5)
<b>HYDRAULIC SPECIFICATIONS</b>		
Hydraulic Flow Required - GPM (L/min)	9-14 (35-53)	14-21 (53-80)
Hydraulic Pressure @ Full Load - PSI (bar)	2,275 (157)	2,275 (157)
<b>COMPRESSOR</b>		
Type	Direct-drive, rotary screw	Direct-drive, rotary screw
Discharge Air Outlet Size	3/4 NPT	3/4 NPT
Oil Capacity - gal (L)	1.1 (4)	1.1 (4)
<b>HYDRAULIC CONNECTIONS</b>		
Inlet	#12 ORB	#12 ORB
Outlet	#16 ORB	#16 ORB
Case Drain (Factory Plumbing To Return Line)	#4 ORB	#4 ORB
Electrical Input	12 volt @ 30 amp	12 volt @ 30 amp
<b>WARRANTY</b>	2 years	2 years
<b>SAFETY FEATURES</b>		
High Temperature Shutdown	Yes	Yes
Cold Start Protection	Yes	Yes
200 PSI Air Pressure Relief Valve	Yes	Yes
Automatic Air Pressure Blowdown	Yes	Yes
Air System One Way Check Valve	Yes	Yes
2,800 PSI Hydraulic Pressure Relief Valve Setting	Yes	Yes



# **PREDAT AIR™**

HYDRAULIC AIR COMPRESSORS



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