VMAC
AIR INNOVATED

Air Requirements of Common Pneumatic Tools			
Pneumatic Tool	**CFM @ Load**	**Suggested CFM**	**VMAC Compressor Options**
Wrenches			
3/8" Impact Wrench	8-36	30-40 CFM	G30, D60, H40, DTM70, MF, VR 40
1/2" Impact Wrench	9-42	30-40 CFM	
3/4" Impact Wrench	9-55	30-40 CFM*	
1" Impact Wrench	9-102	60-70 CFM*	D60, H60, DTM70, VR70
#5 Spline Impact Wrench	60-95	100 CFM	VR150
Ratchets			
1/4" Ratchet	10-20	30-40 CFM	G30, D60, H40, DTM70, MF, VR40
1/2" Ratchet	15-23	30-40 CFM	
3/8" Ratchet	11-24	30-40 CFM	
Drills			
1/2" Drill	17-35	30-40 CFM	G30, D60, H40, DTM70, MF, VR40
3/8" Drill	13-44	30-40 CFM	
Grinders			
1/4" Die Grinder	6-40	30-40 CFM	G30, D60, H40, DTM70, MF, VR40
Angle Grinders (5")	16-76	60-70 CFM	D60, H60, DTM70, VR70
Vertical Grinder	50-93	60-70 CFM	
Sanders			
Tire Buffer	13-15	30-40 CFM	G30, D60, H40, DTM70, MF, VR40
Orbital Sander	14-22	30-40 CFM	
Polishing Sander	22-39	60-70 CFM	D60, H60, DTM70, VR70
Percussive			
Air Hammer (Zip Gun)	7-30	30-40 CFM	G30, D60, H40, DTM70, MF, VR40
Scalers	4-15	30-40 CFM	
Engraving Pens	1-5	30-40 CFM	
Saws			
Reciprocating Saw	6-51	60-70 CFM	D60, H60, DTM70, VR70
Walk Behind Saw	90-92	100 CFM	VR150
Concrete			
Clay Digger	36-47	60-70 CFM	DTM70, D60, VR70
30/35 lb. Pavement Breaker	48-52	60-70 CFM	
60 lb. Pavement Breaker	64-70	60-70 CFM	
90 lb. Pavement Breaker	62-85	100 CFM	VR150

**Adding an air tank may allow you to use a smaller CFM air compressor in some scenarios!*

The above chart serves as a guideline only, based on averages from several popular pneumatic tool brands.
We recommend confirming all CFM requirements with your tool manufacturers before purchasing any air compressor.

6 Things to Consider When Choosing An Air Compressor

1. Normal Use - Our charts are based on the typical way a tool is used. Tools used continuously need higher CFM capabilities than those that are only used a few seconds at a time.
2. Tool Requirements - It's normal for some tools to have a massive range in CFM requirements, even when supplied by a single manufacturer. If you're in doubt about what you'll need, ask your tool manufacturers.
3. Multiple Tools - If you're running multiple tools at the time, you'll need to combine the CFM requirements of each of the tools that will be running to determine the total CFM requirement.
4. Air Tanks - Although all VMAC compressors run at 100% duty cycle, additional air tanks may reduce the need for a more powerful air compressor in some scenarios, which saves you money.
5. Energy Source - VMAC customers typically choose their compressor based on energy source. We can use a truck's existing engine, hydraulics, or power takeoff, or we can provide a compressor with its own gas or diesel drive.
6. Cargo Space - VMAC's UNDERHOOD series allows you to tuck an air compressor under your vehicle's hood, freeing up cargo space, while all our other solutions are **smaller, lighter** and **more powerful** than competing brands.

Questions? Call VMAC @ **1-888-514-6656**

Legend		
VMAC Compressor	**Power Source**	**Max CFM Options**
G30 = Gas Driven	Gas Engine	30
D60 = Diesel Driven	Diesel Engine	60
H40 = Hydraulic Driven	Hydraulic	40, 60
MF = Multifunction 6 in 1	Diesel Engine	45
DTM = Direct-Transmission™ Mounted	PTO	70*
VR = UNDERHOOD™ Air Compressors	Vehicle Engine	40, 70, 140*

**Actual maximum CFM output of the air compressor varies by vehicle application. See VMAC's Application List for details*