

Air Consumption Chart (Automotive Service Shops)

CFM Required to Operate Various Pneumatic Equipment, for average service shop usage factor.

Equipment Air Pressure Range in PSI	Portable Tools	Compressor CFM Required per unit	Equipment Air Pressure Range in PSI	Portable Tools	Compressor CFM Required per unit
70-100	Air Filter Cleaner**	3.0	HAMMERS		
70-100	Body Polisher**	20.0	90-100	Air Hammer **	4.0
70-100	Body Sander (Orbital)**	20.0	90-100	Tire Hammer	12.0
70-100	Brake Tester	20.0	125-150	Bead Breaker	12.0
70-100	Carbon Remover**	20.0	90-100	Spring Oiler	4.0
90-100	Dusting Gun (blow gun)	20.0	SPRAY GUNS		
70-100	Panel Cutter	20.0	90-100	Engine Cleaner **	5.0
70-90	Drill, 1/16" to 3/8"	20.0	90-100	Production Paint Spray Gun**	8.0
70-90	Impact Wrench 3/8" sq dr**	20.0	90-100	Touch up paint Spray Gun**	4.0
70-90	Impact Wrench 1/2" sq dr**	20.0	90-100	Undercoat Paint Spray Gun**	19.0
70-90	Impact Wrench 5/8" sq dr**	20.0	OTHER EQUIPMENT		
70-90	Impact Wrench 3/4" sq dr**	20.0	120-150	Grease Gun**	3.0
70-90	Impact Wrench 1" sq dr**	20.0	145-175	Car Lift ^^	6.0
70-90	Die Grinder**	20.0	125-150	Floor Jacks	6.0
90-100	Vertical Disc Sanders**	20.0	120-150	Pneumatic Garage Door	3.0
90-100	Filing and Sawing Machine, Sm	20.0	90-100	Radiator Tester	1.0
90-100	Filing and Sawing Machine, Lar	20.0	90-100	Spark Plug Cleaner	5.0
90-100	Burring Tool	20.0	90-100	Spark Plug Tester	0.5
TIRE TOOLS			70-100	Transmission Flusher	3.0
125-150	Rim Stripper	6.0	70-100	Fender Hammer**	9.0
125-150	Tire Changer	1.0	70-100	Car Washer**	9.0
125-150	Tire Inflation Line	2.0	70-100	6" Medium Duty Sander**	40.0
125-150	Tire Spreader	1.0			
125-150	Vacuum Cleaner	7.0			

^^ This is for 8,000 lbs. capacity. Add .65 cfm for each 1,000 lbs. Capacity over 8,000 lbs.

** These devices are rated based upon typical "on-load" performance characteristics.

Always check with tool manufacturers for actual consumption of tools being used. The above is based on averages and should not be considered accurate for any particular make of tool.