

Air Tool or Equipment	Average <u>Free Air</u> Consumption (<i>cfm</i>)
Air Filter Cleaner	3
Air Hammer, light	4
Air Hammer, heavy	22
Air Hoist, 1000 lb	5
Air Motor - 0.5 hp	6 - 10
Air Motor - 1 hp	12 - 15
Air Motor - 2 hp	18 - 20
Backfill Tamper	30 - 35
Bead Breaker	12
Bench Rammer	5
Brad Nailer	0.5
Blow Gun	3
Body Polisher	2
Body Orbital Sander	5
Brake Tester	4
Burr Tool, small	4

Burr Tool, large	5-6
Bus Lift	6
Car Lift	6
Carbon Remover	3
Carving tool	10 - 15
Caulking Gun	4
Chain Saw	7-22
Chipping Hammer	30 - 40
Chisel Hammer	3 - 10
Circle Saw - 8 inch	12
Circle Saw - 12 inch	17
Compression Riviter	1
Concrete Vibrator	20 - 50
Demolition Tool	30 - 40
Cut-Off Tool	4 - 10
Die Grinder 1/4"	4-6
Disc Grinder - 7"	5 - 8
Drill, Reversible or Straight-Line	3 - 6

Drill 3/8"	4
Drill 1/2"	4
Dust Blow Gun	3
File/Saw Machine	3-5
Floor Rammer	7
Framing Nailer	2.5
Garage Door, Pneumatic	3
Grease Gun	4
Grinder 2 in Horizontal	5-10
High Speed Grinder	8
Hoists, 1 ton	1
Hydraulic Riveter	4
Hydraulic Lift, 8000lb	6
Hydraulic Floor Jack	6
Impact Driver 1/2"	4
Impact Driver 3/4"	7.5
Impact Driver 1"	12
Impact Wrenches - 3/8"	2 - 5

Impact Wrenches - 1/2"	4 - 5
Impact Wrenches - 1"	10
Jackhammer, medium	135
Jitterbug Sander	6
Lift, Bus or Truck	10
Lift, Car	6
Mini Die Grinder	4 - 6
Nailer, Brad (30 psi)	2
Nailer, Framing (50 psi)	4
Needle Scaler	8 - 16
Nibbler	4
Nutsetter - 3/8" inch	3-6
Nutsetter - 3/4" inch	5-8
Orbital Sander	6 - 9
Paint Sprayers, production gun	20
Paint Sprayers, Small Hand Operated	3 - 7
Pavement breaker	35 - 60
Pneumatic doors	2

Rammers - small	3
Rammers - large	10
Ratchet, 1/4"	3
Ratchet, 3/8"	4
Rivet Buster	40 - 50
Rock Drill	100
Rotational Sander	8 - 15
Sand Blasters	6 - 400
Sander, Dual	11 - 13
Screwdriver	1-6
Shears	8 - 16
Spark plug cleaner	5
Speed Saw	5
Spray Cleaner	5
Spray gun, Basic (20 - 45 psi)	0.5 - 3.5
Spray gun, Commercial (30 - 70 psi)	4 - 7
Spring Oilers	4
Strait line Sander	4 - 7

Tapper - 3/8" inch	3-5
Tire Changer	1
Tire Inflation	2
Transmission flusher	3
Upholstery Stapler (30 psi)	2
Vacuum Cleaners	6
Valve Grinders	2

Ratings based on a 25% load factor - tools running 25% of the time.

- $1 \text{ psi (lb/in}^2\text{)} = 6,894.8 \text{ Pa (N/m}^2\text{)} = 6.895 \times 10^{-3} \text{ N/mm}^2 = 6.895 \times 10^{-2} \text{ bar}$
- $1 \text{ cfm (ft}^3\text{/min)} = 1.7 \text{ m}^3\text{/h} = 0.47 \text{ l/s}$