

## Average air requirement of some common air tools

Average air consumption of some common air tools are indicated in the table below. The air consumption is based on a common working pressure of approximately 90 psi (620 kPa, 6.2 bar).

Air Tool or Equipment	Average Consumption (scfm)
Air Hammer Martillo Neumático	4
Brad Nailer Clavadora	0.5
Backfill Tamper	30 - 35
Blow guns	3
Body Polishers	2
Carving tools	10 - 15
Concrete Vibrator	20 - 50
Caulking Gun	4
Chipping Hammer	30 - 40
Chisel Hammer	3 - 10
Cut-Off Tool	4 - 10
Demolition Tool	30 - 40
Die Grinder 1/4"	4
Disc Grinder - 7"	5 - 8
Drill, Reversible or Straight-Line	3 - 6
Drill 3/8"	4
Drill 1/2"	4
Framing Nailer	2.5
Grease Gun	4
High Speed Grinder	8
Hoists, 1 ton	1
Hydraulic Riveter	4
Impact Driver 1/2"	4
Impact Driver 3/4"	7.5
Impact Driver 1"	12
Impact Wrench - 3/8"	2 - 5
Impact Wrench - 1/2"	4 - 5
Impact Wrench - 1"	10
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
Orbital Sander	6 - 9
Paint Sprayers, production gun	20
Paint Sprayers, Small Hand Operated	3 - 7
Pavement braker	35 - 60
Pneumatic doors	2
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
Shears	8 - 16
Spark plug cleaner	5
Speed Saw	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
Tire Changers	1
Upholstery Stapler (30 psi)	2
Vacuum Cleaners	6
Valve Grinders	2

- 1 psi (lb/in<sup>2</sup>) = 6,894.8 Pa (N/m<sup>2</sup>) = 6.895x10<sup>-3</sup> N/mm<sup>2</sup> = 6.895x10<sup>-2</sup> bar
- 1 cfm (ft<sup>3</sup>/min) = 1.7 m<sup>3</sup>/h = 0.47 l/s

Fuente: The Engineering Tool box