

Air Tool Consumption

Pneumatic energy is most efficient when a proper determination is made of what tools are being supported by the system.

The number of workstations, tools required and the SCFM that they require will all contribute to the right combination of power consumption and energy savings.

Listed below are the most commonly used air tools, broken down by their power consumption.

| Description | Air Consumption | Description | Air Consumption |
|-------------------------|-------------------|-----------------------|-------------------|
| 18 Gauge Brad Nail Guns | 0.1 SCFM @ 90PSI | 3/8" Ratchet | 19.2 SCFM @ 90PSI |
| Coil Roofing Nail Gun | 0.2 SCFM @ 90PSI | Jitterbug Sander | 19.0 SCFM @ 90PSI |
| Framing Nail Gun | 0.4 SCFM @ 90PSI | Chisel/Hammer | 21.9 SCFM @ 90PSI |
| Caulking Gun | 0.1 SCFM @ 90PSI | High Speed Sander | 22.7 SCFM @ 90PSI |
| Conventional Spray Gun | 7.0 SCFM @ 90PSI | 3/8" Reversible Drill | 24.0 SCFM @ 90PSI |
| HVLP Spray Gun | 9.5 SCFM @ 90PSI | Full Size Die Grinder | 25.4 SCFM @ 90PSI |
| Straight Line Sander | 9.6 SCFM @ 90PSI | 1/2" Reversible Drill | 26.4 SCFM @ 90PSI |
| 1/4" Impact Driver | 14.0 SCFM @ 90PSI | 1/2" Impact Wrench | 28.7 SCFM @ 90PSI |
| Mini Die Grinder | 16.5 SCFM @ 90PSI | 7" Angle Grinder | 29.6 SCFM @ 90PSI |
| 3/8" Angle Drill | 17.3 SCFM @ 90PSI | 3/4" Impact Wrench | 34.7 SCFM @ 90PSI |
| 4" Angle Disc Grinder | 18.5 SCFM @ 90PSI | 1" Impact Wrench | 87.5 SCFM @ 90PSI |
| Mini Belt Sander (10mm) | 18.9 SCFM @ 90PSI | | |