



Air Tool Consumption Guide

Types of Pneumatic Tools	MAX ACFM @ 90psi
1" Impact Wrench	45 – 65
3/4" Impact Wrench	30 – 40
1/2" Impact Wrench	25 – 40
1/4" Impact Wrench	10 – 20
#5 Spline Impact Wrench	40 – 95
1/2" Ratchet	15 – 20
1/4" Ratchet	10 – 20
3/8" Ratchet	10 – 20
1 1/4" Drill	60 – 100
1/2" Drill	25 – 35
Angle Grinders (4")	17 – 37
Angle Grinders (5")	17 – 68
Angle Grinders (6")	24 – 77
Angle Grinders (7")	24 – 90
Angle Grinders (9")	80 – 93
1/4" Die Grinder	8 – 32
Vertical Grinder	63 – 93
Screw Driver	18
Rotary Sander	17 – 36
Belt Sander	25 – 40
Polishing Repair Sander	20
Polishing Sander	28 – 33
Scalers	5 – 16
Chipper	5 – 10
Needle Scaler	5 – 10
Caulking Gun	17
Hammer	10 – 25
Chipping Hammer	20 – 30
25 lb. Pavement Breaker	49
35 lb. Pavement Breaker	56
60 lb. Pavement Breaker	70
90 lb. Pavement Breaker	62 – 85
Spike Driver	70 – 90
Clay Digger	36 – 47
Pumps	85 – 108
Shears	15
Rivet Buster	45
CoreDrill	85
Concrete Vibrator	65
Riveter	5-10
Tire Buffer	13
Saw	85
Chop Saw	85
Belly Saw	55
Walk Behind Saw	85
Chain Saw	85
Gasket Scraper	43
Rotary Drill	19 – 47
Sinker Drill	46 – 129
Scabber	24 – 28

Pavement-Breaker	CFM Requirement at 100% Duty Cycle
Sullair	
30 lb.	37
45 lb.	48
60 lb.	49
90 lb.	62
Chicago Pneumatic	
25 lb.	48
45 lb.	56
60 lb.	68 – 75
90 lb.	85
American Pneumatic	
30 lb.	34 – 38
45 lb.	48
60 lb.	60 – 65
90 lb.	75 – 80
Atlas Copco	
30 lb.	53
45 lb.	55
60 lb.	64 – 68
90 lb.	74 – 83
Ingersoll Rand	
45 lb.	49 – 58
90 lb.	85
Airex	
30 lb.	38
45 lb.	48 – 56
60 lb.	65
90 lb.	85

Recommended Hose Size for Air Tools at Maximum Load		
Free Air CFM	25 Ft. Hose Inside diameter in inches	50 Ft. Hose Inside diameter in inches
0-20	3/8	1/2
20-30	3/8	1/2
30-40	1/2	1/2
40-50	1/2	3/4
50-60	3/4	3/4
60-70	3/4	3/4
70-80	3/4	3/4
80-90	3/4	1
90-100	3/4	1

**Note: Always refer to the manufacturer's specifications. This chart is just a guide.*