

**Tool****Free Air-cfm  
90 psig at tool  
100% use factor****Free-Air-m<sup>3</sup>/min  
620 kPa G at tool  
100% use factor**

## Grinders - horizontal

6" and 8" wheels

50

1.42

2" and 2¾ wheels

14-20

0.40-0.57

1 1/2" wheels and under

10

0.28

## Grinders and Sanders-vertical

Large

53

1.50

Medium

30

0.85

Small

22

0.62

## File and Burr Machines

18

0.51

## Screwdrivers

Nbr. 2 to Nbr. 6 screw

5

0.14

Nbr, 6 to 5/16" screw

10

0.28

## Impact Wrenches

To Y"

5

0.14

W" to Y"

10

0.28

V." to 14"

20

0.57

11" to 2"

30

0.85

2" to 3"	55	156
3" to 12"	100	283
Concrete Vibrators	30	085
Air Hoist		
1000 lb and under	1 cu.tL/ft. lift	0.09 mvm lift
2000 lb to 10,000 lb	5 cult/ft. lift	0.46 mvm lift
10,000 lb and larger	15 cult/ft lift	1.39 mVm lift
Sand Rammers and Tampers,		
1" x 4" cylinders	25	0.71
17."x 5" cylinders	26	0.79
1 1/2" x 6" cylinders	39	1.10
Chipping Hammers,		
weighing 10-13 lbs.	28-30	0.79-0.65
Heavy	39	1.10
weighing 2-4 lbs.	12	0.34
Angle Nut Setters to 76"		
weighing 8 lbs.	20	0.57
Angle Nut Setters ¾" to V."		
weighing 5 lbs.	30	0.85
Sump Pumps, 145 gals.		
(at 50 foot head)	70	1.96
Paint Spray average	7	0.20

varies from	2-20	0.06-0.57
Bushing Tools (Monumental)	15-25	0.42-0.71
Carving Tools (Monumental)	10-15	0.28-0.42
Plug Drills	40-50	1.13-1.42
Riveters, 42-I rivets	12	0.34
larger weighing 18-22 lbs.	35	0.99
Rivet buster	55-39	0.99-110
Wood Borers		
1" diameter weighing 4 lbs.	40	1.13
2" diameter weighing 26 lbs.	80	2.27
Steel Drills, Rotary Motors		
Capacity up to 1/2" weighing 11-4 lbs.	18-20	0.51-0.57
Capacity 1" to 3/4" weighing 6-8 lbs.	20-40	0.57-1.13
Capacity 7" to 9" weighing 9-14 lbs.	70	1.98
Capacity 3/4" to 1" weighing 25 lbs.	80	2.27
Capacity it weighing 30 lbs.	95	2.69
Steel Drills, Piston Type		
Capacity 1" to 3/4" weighing 13-15 lbs.	45	1.27
Capacity 7" to 1 1/2" weighing 25-30 lbs.	75-80	2.12-2.27
Capacity 14" to 2" weighing 40-50 lbs.	80-90	2.27-2.55
Capacity 2" to 3" weighing 55-75 lbs	100-110	2.83-3.12

**Inches X 25.4 = mm: lb x 0.45359 = kg**