

Compressed Air Requirements & Abrasive Consumption

Consumption Rates are based on Abrasives that weigh 100 lbs per cubic foot

| Nozzle inside orifice | PSi pressure at nozzle | 60 | 70 | 80 | 90 | 100 | 125 |
|--------------------------|---------------------------|------|------|------|------|------|------|
| No. 2 1/8" | Air (CFM) | 13 | 15 | 17 | 18.5 | 20 | 25 |
| | Horsepower | 3 | 3.5 | 4 | 4.5 | 5 | 5.5 |
| | Media* (lbs/hr) | 77 | 88 | 101 | 112 | 123 | 152 |
| No. 3 3/16" | Air (CFM) | 30 | 33 | 38 | 41 | 45 | 55 |
| | Horsepower | 7 | 8 | 9 | 10 | 10 | 12 |
| | Media* (lbs/hr) | 171 | 196 | 216 | 238 | 264 | 319 |
| No. 4 1/4" | Air (CFM) | 54 | 61 | 68 | 74 | 81 | 98 |
| | Horsepower | 12.0 | 14 | 16 | 17 | 18 | 22 |
| | Media* (lbs/hr) | 312 | 354 | 408 | 448 | 494 | 608 |
| No. 5 5/16" | Air (CFM) | 89 | 101 | 113 | 126 | 137 | 168 |
| | Horsepower | 20 | 23 | 26 | 28 | 31 | 37 |
| | Media* (lbs/hr) | 534 | 604 | 672 | 740 | 812 | 982 |
| No. 6 3/8" | Air (CFM) | 126 | 143 | 161 | 173 | 196 | 237 |
| | Horsepower | 28 | 32 | 36 | 39 | 44 | 52 |
| | Media* (lbs/hr) | 764 | 864 | 960 | 1052 | 1152 | 1393 |
| No. 7 7/16" | Air (CFM) | 170 | 194 | 217 | 240 | 254 | 314 |
| | Horsepower | 38 | 44 | 49 | 54 | 57 | 69 |
| | Media* (lbs/hr) | 1032 | 1176 | 1312 | 1448 | 1584 | 1931 |
| No. 8 1/2" | Air (CFM) | 224 | 252 | 280 | 309 | 338 | 409 |
| | Horsepower | 50 | 56 | 63 | 69 | 75 | 90 |
| | Media* (lbs/hr) | 1336 | 1512 | 1680 | 1856 | 2024 | 2459 |

*Abrasive/Media consumption rates are based upon a bulk density of 100 pounds per cubic foot.