

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.