

SYSTEM SIZING CHART

(rated at 100 PSI Nozzle Pressure)

Nozzle		Hose I.D.		Optimum Vessel Size	Minimum		Approximate	
No.	I.D.	Blast	Air Supply		SCFM	HP*	Min.	LBs./Hr.
#2	1/8"	1/2"	3/4"	100	20	5	35	175
				150			50	
#3	3/16"	1/2" to 3/4"	1"	150	45	10	25	250
				350			45	
#4	1/4"	3/4" to 1"	1" to 1-1/4"	350	81	18	45	500
#5	5/16"	1" to 1-1/4"	1-1/4"	650	137	30.5	50	800
#6	3/8"	1" to 1-1/4"	1-1/2"	650	196	44	35	1150
				1050			55	
#7	7/16"	1-1/2"	2"	1050	254	56.5	40	1600
#8	1/2"	1-1/2"	2"	1050	338	75	30	2000
#10	5/8"	1-1/2"	3"	1050	548	122	20	3300

Air Requirement & Media Consumption Chart

Nozzle Inside Orifice	PSI	60	70	80	90	100	120
3/16"	CFM	30	33	38	41	45	--
	HP	7	7.5	8.5	9.5	10	--
	LBs. / Hr.	171	196	216	238	264	--
1/4"	CFM	54	61	68	74	81	97
	HP	12	13.5	15	16.5	18	21.5
	LBs. / Hr.	312	354	408	448	494	582
5/16"	CFM	89	101	113	126	137	152
	HP	20	22.5	25.5	28	30.5	34
	LBs. / Hr.	534	604	672	740	812	912
3/8"	CFM	126	143	161	173	196	220
	HP	28	32	36	38.5	44	49
	LBs. / Hr.	764	864	960	1052	1152	1320
7/16"	CFM	170	194	217	240	254	300
	HP	38	43.5	48.5	53.5	56.5	67
	LBs. / Hr.	1032	1176	1312	1448	1584	1800
1/2"	CFM	224	252	280	309	338	392
	HP	50	56	62.5	69	75	87.5
	LBs. / Hr.	1336	1512	1680	1856	2024	2352
5/8"	CFM	356	404	452	504	548	611
	HP	79.5	90	100.5	112	122	136
	LBs. / Hr.	2136	2424	2712	3024	3288	3668