

The capacity of the compressor in liters or cubic meters per minute is more important than the pressure in bar. This volume capacity must be matched to the desired blasting pressure and the nozzle orifice diameter. The air consumption of a blasting system is determined solely by the nozzle diameter and the set blasting pressure. The type or size of the blast pot, or for example the length of the blast hose, has no influence.

The following table shows the compressed air consumption in m³/min at various nozzle diameters and blasting pressures:

	1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	8 bar	9 bar	10 bar
Ø 3mm	0.08	0.17	0.25	0.33	0.42	0.50	0.58	0.66	0.75	0.83
Ø 4mm	0.15	0.30	0.44	0.59	0.74	0.89	1.03	1.18	1.33	1.48
Ø 4.8mm	0.21	0.43	0.64	0.85	1.06	1.28	1.49	1.70	1.91	2.13
Ø 5mm	0.23	0.46	0.69	0.92	1.15	1.38	1.62	1.85	2.08	2.31
Ø 6mm	0.33	0.66	1.00	1.33	1.66	1.99	2.33	2.66	2.99	3.32
Ø 6.4mm	0.38	0.76	1.13	1.51	1.89	2.27	2.65	3.03	3.40	3.78
Ø 7mm	0.45	0.90	1.36	1.81	2.26	2.71	3.17	3.62	4.07	4.52
Ø 8mm	0.59	1.18	1.77	2.36	2.95	3.55	4.14	4.73	5.32	5.91
Ø 9mm	0.75	1.50	2.24	2.99	3.74	4.49	5.23	5.98	6.73	7.48
Ø 9.5mm	0.83	1.67	2.50	3.33	4.17	5.00	5.83	6.67	7.50	8.33
Ø 10mm	0.92	1.85	2.77	3.69	4.62	5.54	6.46	7.39	8.31	9.23