

# Vacuum pumps

## VOLKMANN Multijector®



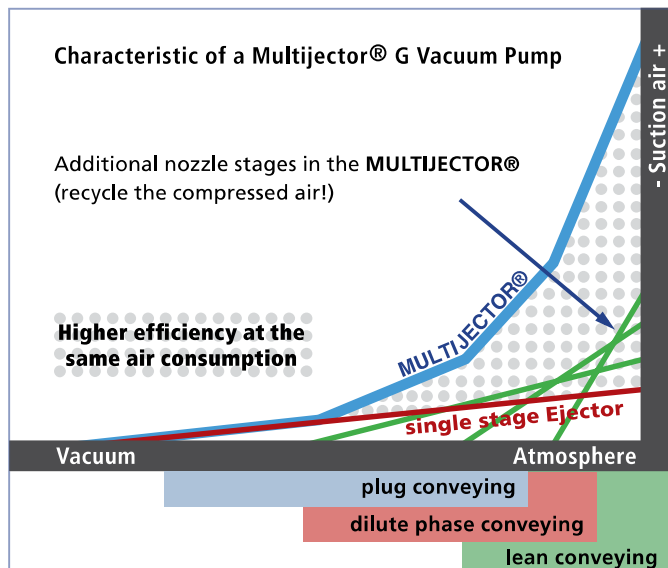
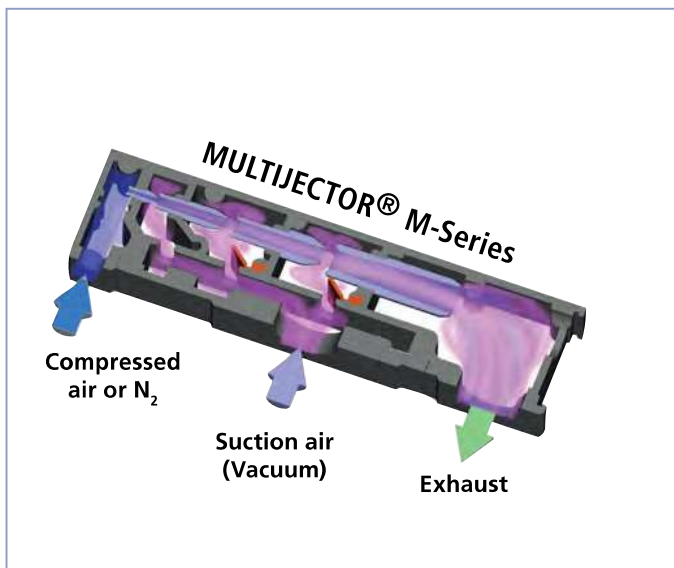
### VOLKMANN MULTIJECTOR® Vakuum pumps

For the transport of bulk materials it is necessary to use a vacuum pump with the right characteristics. On the one hand a high volume flow is required for moving the material (conveying

by lean phase). On the other hand a high vacuum is needed for a gentle and separation-free transport of the material (conveying by dense phase). This can be achieved by the multistaged venti systems of the Multijectors.

Advantages of the Multijectors towards electromechanical pumps or blowers

- small size, light weight, quiet, extremely reliable
- oil-free, no rotating parts, maintenance-free
- cyclically operation (energy saving)
- free of ignition sources and not heat regenerated
- high amounts of suction air and up to -910 mbar negative pressure



Multijector Typ	Operat. pressure (bar)	Vacuum max. (kPa)	Compr. air (NI/min)	Compr. air cons.	Pump width (mm)	Pump weight (kg)	Suction air flow (Norm.Liter/min) at the respective Vacuum level (kPa)								
							0	-10	-20	-30	-40	-50	-60	-70	-80
MX360	6	-91	372	G 1/4"	156	2,5	1568	931	580	352	180	136	92	56	20
	5	-85	320				1444	779	500	252	184	132	64	24	16
	4	-63	268				1302	631	386	216	160	84	20		
MX540	6	-91	558	G 1/4"	156	2,6	2351	1397	870	528	270	204	138	84	30
	5	-85	480				2166	1169	750	378	276	198	96	36	24
	4	-63	402				1952	946	579	324	240	126	30		
G720	6	-91	744	G 1/2"	127	5,7	3350	1900	1185	721	359	272	184	107	46
	5	-85	640				3200	1590	1016	526	359	270	140	56	39
	4	-63	536				2850	1240	729	451	322	187	47		
G900	6	-91	930	G 3/4"	150	6,2	4188	2375	1481	901	449	340	230	134	57
	5	-85	800				4000	1988	1270	658	449	338	174	70	49
	4	-63	670				3563	1550	911	564	403	234	59		
G1260	6	-91	1302	G 3/4"	195	7,3	5863	3325	2074	1262	628	476	322	187	80
	5	-85	1120				5600	2783	1778	921	628	473	244	98	68
	4	-63	938				4988	2170	1276	789	564	327	83		
G1800	6	-91	1860	G 3/4"	262	9,0	8375	4750	2963	1803	898	680	460	268	114
	5	-85	1600				8000	3975	2540	1315	898	675	349	140	98
	4	-63	1340				7125	3100	1823	1128	805	468	118		
G2700	6	-91	2790	G 1"	375	11,7	12563	7125	4444	2704	1346	1020	690	401	171
	5	-85	2400				12000	5963	3810	1973	1346	1013	523	209	146
	4	-63	2010				10688	4650	2734	1691	1208	701	177		