



MEC conveying vacuum generator



Biopharmaceutical



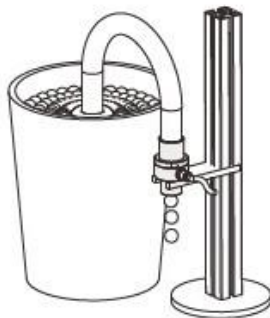
Food industry



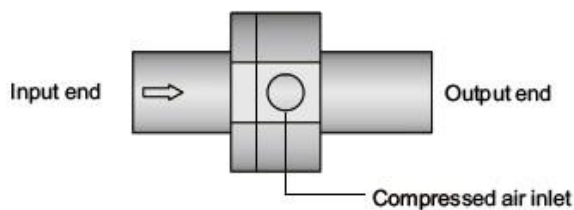
Packaging



Application of MEC conveying vacuum generator



System design of MEC conveying vacuum generator



Introduction

- ◆ Suction highly breathable workpieces such as powder, fabric, paper or various regenerated materials
- ◆ Convey various tiny granules such as polystyrene granules, plastic granules, rice grains or other filling materials
- ◆ Remove non-corrosive steam and gases

Application

- ◆ Handle loose materials such as textiles, paper, etc.
- ◆ Convey grains such as wheat, corn, etc.
- ◆ Convey granular powder such as laundry powder, plastic granules, etc.
- ◆ Remove the cuttings generated in the process of machining.
- ◆ Draw non-corrosive wastewater and gas produced in industrial production

Structure

- ◆ The straight through structure can continuously suction and convey materials of different kinds.
- ◆ Compressed air enters from the annular part on the side.



MEC conveying vacuum generator purchase guide

MEC 60 A2

① ② ③

① Product series	② Nozzle size	③ Material
MEC	60 - 6.0mm 100 - 10.0mm 200 - 20.0mm 400 - 40.0mm 750 - 75.0mm	Null - Aluminum oxide A2 - Stainless steel

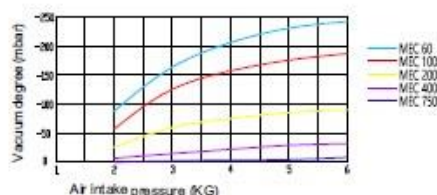
Note: The nozzle size 75.0mm can only match the material aluminum oxide.

Technical parameters of MEC conveying vacuum generator

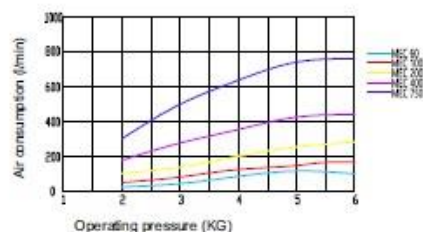
Model	Nozzle diameter mm	Maximum vacuum degree mbar	Maximum suction capacity l/min	Suction air consumption l/min	Air intake pressure bar	Weight Kg
MEC 60	6	-245	215	110	2.0...5.0	0.040
MEC 60 A2	6	-245	215	110	2.0...5.0	0.091
MEC 100	10	-185	610	135	2.0...6.0	0.070
MEC 100 A2	10	-185	610	135	2.0...6.0	0.206
MEC 200	20	-85	1375	290	2.0...6.0	0.180
MEC 200 A2	20	-85	1375	290	2.0...6.0	0.511
MEC 400	40	-35	2250	445	2.0...6.0	0.525
MEC 400 A2	40	-35	2250	445	1.9...5.9	1.475
MEC 750	75	-5	8640	770	2.0...6.0	2.350

Performance curve of MEC conveying vacuum generator

Vacuum degree at different pressure



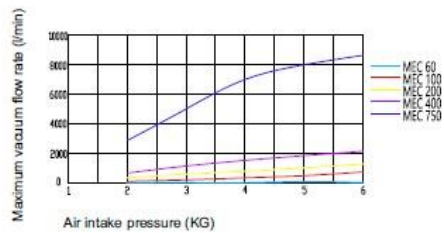
Air consumption at different pressure





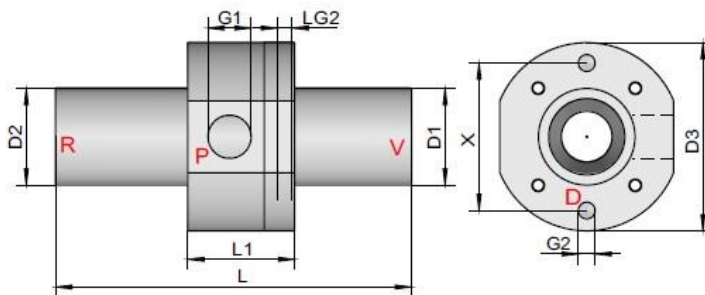
Performance curve of MEC conveying vacuum generator

Maximum vacuum flow rate at different pressure



Design parameters of MEC conveying vacuum generator

MEC 60 to 750...



Model	Size (mm)								
	D1	D2	D3	L	L1	LG2	X	G1	G2
MEC 60	12.5	12.5	32	44	14	5	25	M5-IG	M3-IG
MEC 60 A2	12.5	12.5	32	44	14	5	25	M5-IG	M3-IG
MEC 100	19	19	37	70	21	8	29	G1/8-IG	M4-IG
MEC 100 A2	19	19	37	70	21	8	29	G1/8-IG	M4-IG
MEC 200	38	32	50	90	30	12	42	G1/4-IG	M4-IG
MEC 200 A2	38	32	50	90	30	12	42	G1/4-IG	M4-IG
MEC 400	75	52	84	95	35	14	72	G3/8-IG	M4-IG
MEC 400 A2	75	52	84	95	35	14	72	G3/8-IG	M4-IG
MEC 750	125	100	140	180	65	6	126	G1/2-IG	M6-IG