

Characteristic

- Five-point bearing design, double oil tanks, high stability.
- Nitrogen gas barrier to block gas from entering the oil tank; prolonging service life.
- Suitability for high temperature, high differential pressure and high vacuum environments, robust design, high reliability.
- Standard materials and various coatings available.
- Internal coating protection against corrosion, especially suitable for petrochemical, chemical and pharmaceutical industries.
- Optional single-point mechanical seal, oil slinger ring seal, eliminating cross contamination, reducing oil consumption.
- Optional five-point mechanical seal, labyrinth seal, completely eliminating cross-contamination, reducing oil consumption.



MB Series Roots Vacuum Pump

MB7900 - 60000

CONTACT DETAILS

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**Vacculex Vacuum Equipment
(Zhejiang) Co.,Ltd.**

PARAMETER

Model	Unit	MB7900	MB10000	MB27000	MB60000
Max. Pumping Speed	m ³ /h	16000	21600	47430	116380
	L/s	4444	6000	13176	32328
Nominal Pumping Speed	m ³ /h	12860	17380	39500	97000
	L/s	3572	4828	10980	26940
Ultimate Full Pressure	Torr	7.5×10 ⁻⁴	7.5×10 ⁻⁴	7.5×10 ⁻⁴	7.5×10 ⁻⁴
	Pa	0.1	0.1	0.1	0.1
Motor Power	Kw	30	30	55	110
Recommended Rotation Speed	rpm	1450	1450	1000	1000
Max. Rotation Speed	rpm	1800	1800	1200	1200
Inlet Flange	ANSI	18"	20"	24"	32"
Outlet Flange	ANSI	18"	20"	24"	32"
Cooling Water Flow	l/min (15°C)	7.6	9.5	33	50
Cooling Water Connection		1/4NPT	1/4NPT	G 1	G 1
Lubricant Volume	L	38	38	60	100
Pump Weight	Kg	2680	3110	5070	10400

DIMENSIONS

Model	A	E	D	F	G	H
MB7900	2047	ANSI 14"	1089	747.4	955	88.9
MB10000	2505	ANSI 20"	1318	747.4	955	88.9
MB27000	2176	ANSI 24"	1079	1420	1518	70
MB60000	3039	ANSI 32"	1468	1800	1640	100

