



## TECHNICAL BULLETIN #33

### Comparison of Vacuum Boosters (Page 1 of 2)

Manufacturer	Model	Nominal Pumping Speed CFM**	MAX RPM	Manufacturer	Model	Nominal Pumping Speed CFM**	MAX RPM
Alcatel	RSV 151	106	3600	Pedro Gil	RV 22.20	731	3600
Leybold	151	108	3600	Busch	WV1000	765	3600
Aerzen	GMa 10.0	143	4000	Alcatel	RSV 1002	770	3600
Pedro Gil	RV 20.10	149	3600	Pfeiffer	WKP 1000 A	793	3600
Tuthill	3204	162	3600	Edwards	EH 1200	845	3600
Leybold	251	179	3600	Tuthill	5507	846	3600
Aerzen	GMa 10.1	195	4000	Stokes	607	950	2750
Pfeiffer	WKP 250 A	199	3600	Aerzen	GMa 13.6	998	3600
Pedro Gil	RV 20.120	208	3600	Aerzen	GMa 12.6	1,012	3600
Alcatel	RSV 301	212	3600	Pedro Gil	RV 22.30	1,046	3600
Edwards	EH 250	220	3600	Busch	WV1500	1,060	3600
Tuthill	3206	227	3600	Alcatel	RSV 1502	1,091	3600
Stokes	306	245	3600	Tuthill	5511	1,242	3600
Aerzen	GMa 11.2	277	3800	Alcatel	RSV 2000	1,442	3600
Aerzen	GMa 10.2	292	4000	Aerzen	GMa 13F.7	1,444	3600
Busch	WV0500	350	3600	Leybold	2001	1,449	3600
Edwards	EH 500	355	3600	Pedro Gil	RV 23.20	1,455	3600
Leybold	501	357	3600	Busch	WV2000	1,520	3600
Pfeiffer	WKP 500 A	361	3600	Pfeiffer	WKP 2000 A	1,530	3600
Pedro Gil	RV 21.20	370	3600	Tuthill	5514	1,584	3600
Aerzen	GMa 11.3	376	3800	Tuthill	7010	1,779	3000
Tuthill	3210	378	3600	Edwards	EH 2600	1,830	3600
Stokes	310BP	400	3600	Stokes	615	2,000	2750
Alcatel	RSV 601	424	3600	Tuthill	5518	2,034	3600
Aerzen	GMa 12.4	504	3600	Aerzen	GMb 14.8	2,036	3600
Tuthill	4009	540	3600	Aerzen	GMa 13.8	2,039	3600
Aerzen	GMa 11.4	555	3800	Pedro Gil	RV 23.30	2,096	3600
Aerzen	GMa 13.5	692	3600	Tuthill	7013	2,256	3000
Leybold	1001	707	3600	Tuthill	9012	2,376	2400
Aerzen	GMa 12.5	716	3600	Stokes	615HS	2,600	3600
Tuthill	4012	720	3600	Tuthill	5524	2,650	3600



## TECHNICAL BULLETIN #33

### Comparison of Vacuum Boosters (Page 2 of 2)

Manufacturer	Model	Nominal Pumping Speed CFM**	MAX RPM	Manufacturer	Model	Nominal Pumping Speed CFM**	MAX RPM
Aerzen	GMB 14.9	2,760	3600	Pfeiffer	WKP 18000	12,814	1800
Edwards	EH 4200	2,935	3600	Pfeiffer	WKP 25000	14,706	2060
Tuthill	7017	2,949	3000	Edwards	HV 30000	17,700	1800
Pfeiffer	WKP 4000 A	2,957	3600	<p><b>NOTES:</b></p> <p>* Informational use only. Verify data with manufacturer before applying equipment.</p> <p>** at MAX RPM. Nominal pumping speed data is displaced volume at indicated speed and does not take into account various rotor profile volumetric efficiency differences.</p> <p>1 CFM = 1.7 m<sup>3</sup>/h</p>			
Stokes	622	3,000	2750				
Tuthill	9016	3,170	2400				
Aerzen	GMB 15.10	3,267	3000				
Tuthill	7021	3,642	3000				
Aerzen	GMB 16.12	3,839	1800				
Stokes	622HS	3,900	3600				
Tuthill	1215	3,976	1800				
Tuthill	9020	4,159	2400				
Aerzen	GMB 15.11	4,398	3000				
Pfeiffer	WKP 6000 A	4,405	3600				
Tuthill	7026	4,509	3000				
Tuthill	9027	5,546	2400				
Aerzen	GMB 16.F13	5,765	1800				
Pfeiffer	WKP 8000	5,808	1800				
Tuthill	1224	6,361	1800				
Aerzen	GMB 18.16	6,555	780				
Aerzen	GMB 16.13	6,871	1800				
Aerzen	GMB 17.14	6,970	1500				
Pfeiffer	WKP 12000	7,059	2185				
Tuthill	9036	7,289	2400				
Edwards	HV 11000	7,900	1800				
Tuthill	1230	7,952	1800				
Aerzen	GMB 17.15	9,417	1500				
Tuthill	1236	9,542	1800				
Edwards	HV 14000	9,900	1800				
Aerzen	GMB 18.17	10,053	780				
Tuthill	1248	12,722	1800				

REB 08/2001