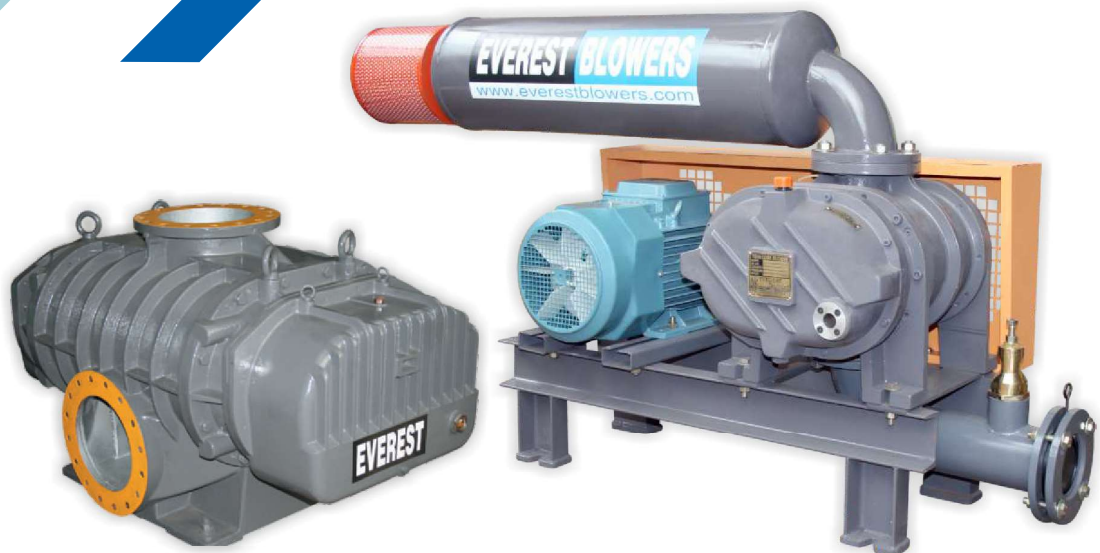


POSITIVE DISPLACEMENT BLOWERS & VACUUM PUMPS

TWIN LOBE & TRI-LOBE SERIES

CATALOGUE INCLUDES

Twin-lobe Rotary Air Blowers | Compressors
Tri-lobe Rotary Air Blowers | Compressors
Tri-lobe Vertical Rotary Air Blowers | Compressors
Twin Lobe Rotary Gas Blowers | Compressors
Integral Gear Box Design – High Seppd Turbo Blowers
Multistage Centrifugal Blowers
Acoustic Hoods | Enclosures
Vacuum Pumps
Spares



QUALITY MANUFACTURE

Seal:

Low-wear, non-contacting, labyrinth-type seals ensure performance and long life.

Casing:

All Everest Blowers units are single-piece construction and precision machined cast iron, with ribs for strength and consistent thermal behavior.

Shafts:

Rotor shafts are alloy steel forgings that allow higher operating pressures and rotation speeds

Bearings:

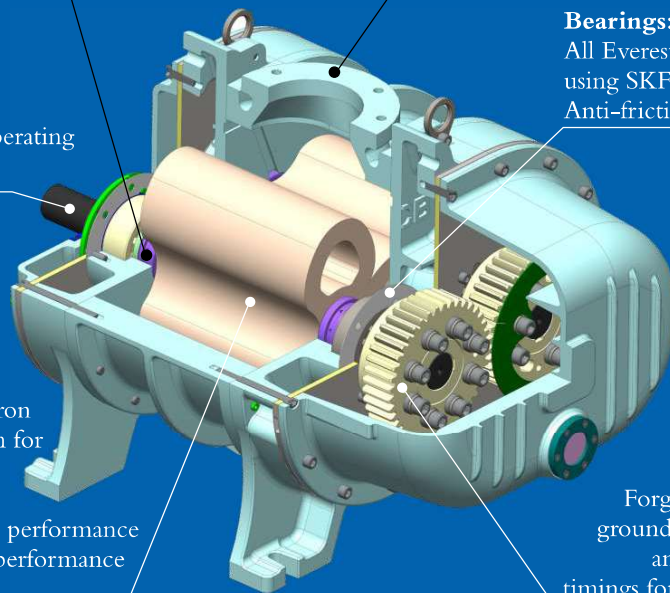
All Everest Blower units are using SKF/FAG Eqv. bearings with long life. Anti-friction type vary with machine.

Rotors:

Made from cast iron or SG iron stainless steel with stiff design for maximum life.
By CNC and 3D machinery control to ensure the highest performance providing with trouble-free performance and durability.

Timing Gears:

Forged steel gears with hardened and ground spur teeth to reduced vibrations and ensures accurate rotor to rotor timings for smooth and efficient operation.



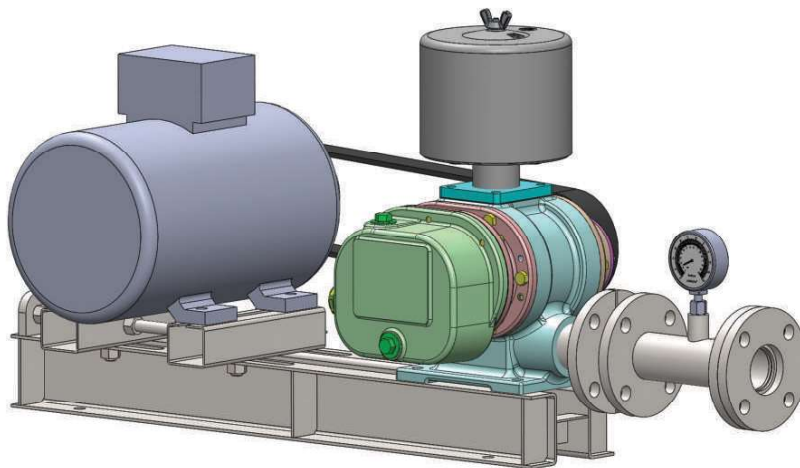
ENQUIRY

⊙ Everest develops positive displacement blowers for a full range of application.

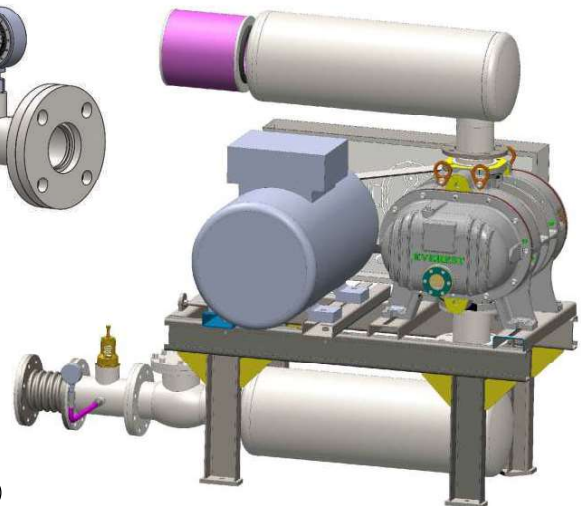
⊙ When enquiring, please inform us the following:

- Application: Water Aeration, Pneumatic Conveying etc.
- Specifications:
 - Suction Capacity (Air Flow Requirements)
 - Differential Pressure
 - Temperature
 - Humidity
- Drive: Motor Type, Condition
- Installation: Indoor or Outdoor, Ambient Temperature
- Type of Gas: Name and Properties

TWIN-LOBE BLOWER COMPLETE SET



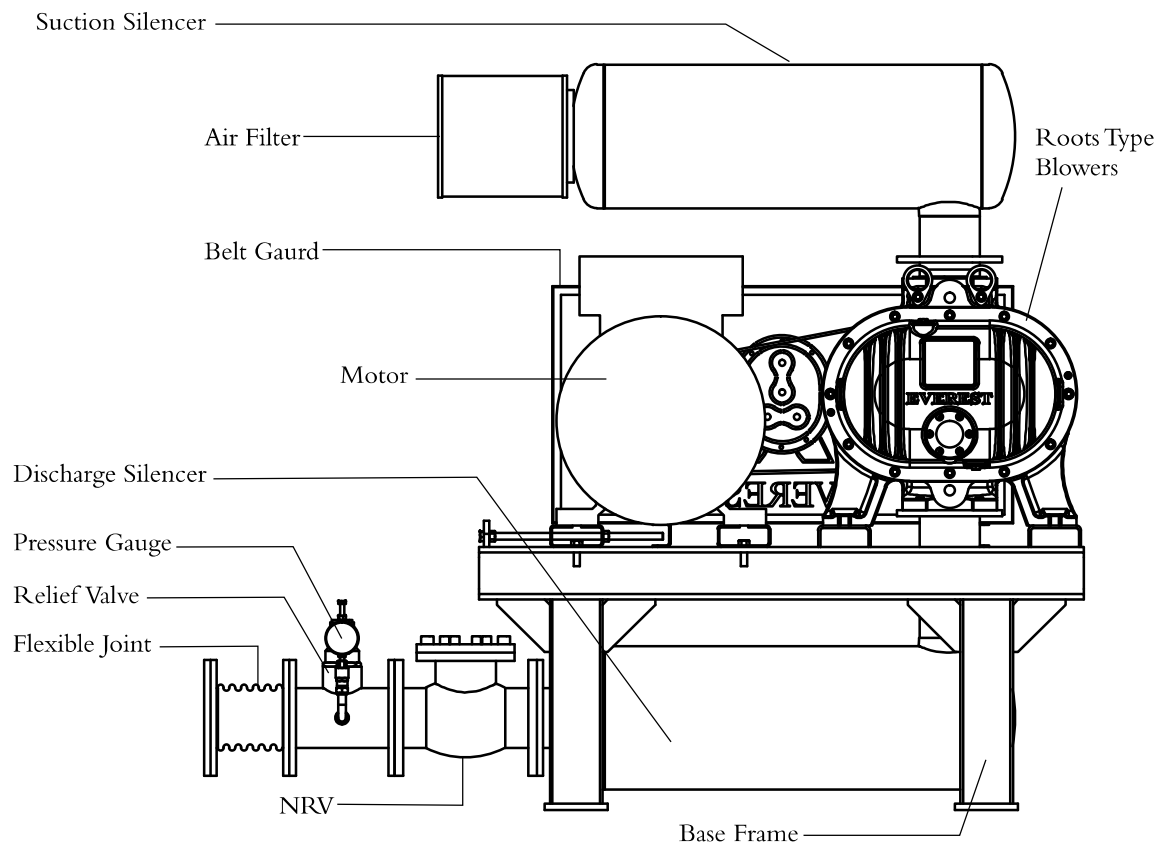
**100%
OIL FREE
AIR BLOWER**



ADVANTAGE

Wide range of volume, pressure & horse power

- Bore : 25NB to 450NB (1" to 18")
- Pressure : 1000mmWC to 7000mmWC (Air cooled)
8000mmWC to 10000mmWC (Water cooled)
- Horse Power : 0.5HP to 650HP (0.372kw to 500 kw)
- Capacity : 10 to 20000 m³/hr

TYPE
MODEL

M422
 M450
 M44
 M5125
 M5175
 EXPO-2
 67
 610
 615
 78
 710
 713
 812
 816
 820
 1012
 1016
 1020
 1024
 ET7000
 ET9000
 ERRG350
 ERRG400
 ERRG445
 ERRG450

PERFORMANCE TABLE TWIN-LOBE ROTARY BLOWERS

AIR COOLED															WATER COOLED						
MODEL	SPEED	1000 mmWC		2000 mmWC		3000 mmWC		4000 mmWC		5000 mmWC		6000 mmWC		7000 mmWC		8000 mmWC		9000 mmWC		10000 mmWC	
	RPM	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW
M422	1600	26	0.2	19	0.3	14	0.5	9	0.6	5	0.7	2	0.8	0	0.9						
	2000	37	0.3	30	0.4	25	0.6	20	0.7	16	0.9	12	1.0	9	1.2						
	2600	54	0.4	47	0.5	41	0.7	36	0.9	32	1.1	29	1.3	25	1.5						
	3200	70	0.4	63	0.7	57	0.9	53	1.1	49	1.4	45	1.6	42	1.9						
	3800	86	0.5	79	0.8	74	1.1	69	1.4	65	1.6	61	1.9	58	2.2						
	4400	103	0.6	95	0.9	90	1.3	85	1.6	81	1.9	78	2.2	74	2.6						
	5000	119	0.7	112	1.1	106	1.4	102	1.8	98	2.2	94	2.5	91	2.9						
M450	700	45	0.4	34	0.6	25	0.8	18	1.0	12	1.2	6	1.4	1	1.5						
	1000	75	0.5	64	0.8	56	1.1	49	1.4	42	1.7	36	1.9	31	2.2						
	1400	116	0.8	105	1.2	96	1.5	89	1.9	83	2.3	77	2.7	72	3.1						
	1800	157	1.0	146	1.5	137	2.0	130	2.5	124	3.0	118	3.5	113	4.0						
	2000	177	1.1	166	1.6	158	2.2	150	2.8	144	3.3	138	3.9	133	4.4						
	2200	198	1.2	187	1.8	178	2.4	171	3.0	165	3.6	159	4.2	154	4.9						
	2400			207	2.0	198	2.6	191	3.3	185	4.0	179	4.6	174	5.3						
M44	700	80	0.5	69	0.8	61	1.0	55	1.3	49	1.6	44	1.9	39	2.2						
	1000	125	0.7	114	1.1	106	1.5	100	1.9	94	2.3	88	2.7	84	3.1						
	1500	199	1.0	189	1.6	181	2.2	174	2.8	169	3.5	163	4.1	158	4.7						
	1900	259	1.3	249	2.1	241	2.8	234	3.6	228	4.4	223	5.1	218	5.9						
	2200	304	1.5	294	2.4	286	3.3	279	4.2	273	5.1	268	6.0	263	6.9						
	2500	349	1.7	339	2.7	331	3.7	324	4.7	318	5.8	313	6.8								
	2800	394	1.9	384	3.0	376	4.2	369	5.3	348	6.4										
M5125	700	147	0.9	124	1.5	107	2.0	92	2.6	79	3.1	67	3.7	57	4.2						
	1000	234	1.3	211	2.1	194	2.9	179	3.7	166	4.4	154	5.2	143	6.0						
	1500	378	2.0	356	3.1	338	4.3	323	5.5	310	6.7	298	7.8	288	9.0						
	1900	494	2.5	471	4.0	454	5.5	439	7.0	426	8.5	414	9.9	403	11.4						
	2200	581	2.9	558	4.6	540	6.3	526	8.1	513	9.8	501	11.5	490	13.2						
	2500	667	3.3	644	5.2	627	7.2	612	9.2	599	11.1	587	13.1	577	15.0						
	2800	754	3.7	731	5.9	714	8.1	699	10.3	686	12.5	674	14.7	663	16.9						
M5175	700	206	1.1	174	1.9	150	2.7	129	3.4	111	4.2	94	5.0	79	5.8						
	1000	327	1.6	295	2.7	271	3.8	250	4.9	232	6.0	216	7.1	200	8.2						
	1500	530	2.4	498	4.1	473	5.7	453	7.4	434	9.0	418	10.7	403	12.3						
	1900	691	3.1	660	5.2	635	7.3	614	9.3	596	11.4	580	13.5	565	15.6						
	2200	813	3.6	781	6.0	756	8.4	736	10.8	718	13.2	701	15.7								
	2500	934	4.1	902	6.8	878	9.5	857	12.3	839	15.0										
	2800	1056	4.5	1024	7.6	999	10.7	978	13.8	960	16.9										
EXPO-2	700	144	1.0	117	1.5	97	2.1	80	2.7	65	3.2	52	3.8	39	4.4	28	4.9	17	5.5	6	6.0
	1000	232	1.4	206	2.2	186	3.0	169	3.8	154	4.6	140	5.4	128	6.2	116	7.0	105	7.8	95	8.6
	1500	380	2.1	354	3.3	334	4.5	317	5.7	302	6.9	288	8.1	276	9.3	264	10.5	253	11.7	243	12.9
	2000	528	2.8	502	4.4	482	6.0	465	7.6	450	9.2	436	10.8	424	12.4	412	14.1	401	15.7	391	17.3
	2500	676	3.5	650	5.5	630	7.5	613	9.5	598	11.5	584	13.5	572	15.6	560	17.6	549	19.6		
	3000	824	4.2	798	6.6	777	9.0	760	11.4	745	13.8	732	16.3	719	18.7	708	21.1				
	3600	1001	5.0	975	7.9	955	10.8	938	13.7	923	16.6	909	19.5								

Red value for BKW indicate suitable for Intermittent Duty Applications only.

PERFORMANCE TABLE TWIN-LOBE ROTARY BLOWERS

AIR COOLED															WATER COOLED						
MODEL	SPEED	1000 mmWC		2000 mmWC		3000 mmWC		4000 mmWC		5000 mmWC		6000 mmWC		7000 mmWC		8000 mmWC		9000 mmWC		10000 mmWC	
	RPM	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW	m ³ /hr	BKW
67	700	286	1.6	241	2.7	207	3.7	179	4.8	154	5.9	131	6.9	110	8.0	90	9.1	72	10.1	54	11.2
	1000	454	2.3	410	3.8	376	5.3	347	6.8	322	8.4	299	9.9	278	11.4	258	12.9	240	14.5	223	16.0
	1400	678	3.2	634	5.3	600	7.4	571	9.6	546	11.7	523	13.8	502	16.0	483	18.1	464	20.2	447	22.4
	1700	847	3.9	802	6.5	768	9.0	740	11.6	714	14.2	692	16.8	671	19.4	651	22.0	633	24.6	615	27.2
	2000	1015	4.5	971	7.6	937	10.6	908	13.7	883	16.7	860	19.8	839	22.8	819	25.9	801	28.9	784	32.0
	2200	1127	5.0	1063	8.3	1049	11.7	1020	15.1	995	18.4	972	21.8	951	25.1	932	28.5	913	31.8	896	35.2
	2400	1239	5.4	1195	9.1	1161	12.8	1132	16.4	1107	20.1	1084	23.7	1063	27.4	1044	31.1	1025	34.7		
610	700	382	1.9	323	3.4	277	4.8	239	6.2	205	7.7	175	9.1	147	10.5	120	11.9	96	13.4	73	14.8
	1000	607	2.8	547	4.8	502	6.9	464	8.9	430	10.9	400	13.0	371	15.0	345	17.0	321	19.1	298	21.1
	1400	906	3.9	847	6.7	802	9.6	764	12.5	730	15.3	699	18.2	671	21.0	645	23.9	621	26.7	597	29.6
	1800	1206	5.0	1147	8.7	1102	12.3	1063	16.0	1030	19.7	999	23.3	971	27.0	945	30.7	920	34.3		
	2000	1356	5.6	1297	9.6	1252	13.7	1213	17.8	1180	21.9	1149	25.9	1121	30.0	1095	34.1				
	2200	1506	6.1	1447	10.6	1402	15.1	1363	19.6	1329	24.0	1299	28.5	1271	33.0						
	2400	1656	6.7	1597	11.6	1551	16.5	1513	21.3	1479	26.2	1449	31.1								
615	700	585	2.7	502	4.8	438	7.0	384	9.1	337	11.2	294	13.4	255	15.5	218	17.6	184	19.8	151	21.9
	1000	921	3.9	838	6.9	775	10.0	721	13.0	673	16.1	631	19.1	591	22.2	555	25.2	520	28.3	488	31.3
	1400	1370	5.4	1287	9.7	1223	14.0	1169	18.2	1122	22.5	1079	26.8	1040	31.0	1003	35.3				
	1800	1819	7.0	1736	12.5	1672	17.9	1618	23.4	1571	28.9	1528	34.4								
	2000	2043	7.7	1960	13.8	1896	19.9	1843	26.0	1795	32.1										
	2200	2267	8.5	2184	15.2	2121	21.9	2067	28.6	2020	35.3										
	2400	2492	9.3	2409	16.6	2345	23.9	2291	31.2												
78	700	522	2.3	472	4.0	434	5.8	402	7.5	373	9.3	348	11.0	324	12.7	302	14.5	282	16.2	262	18.0
	900	706	2.9	656	5.2	618	7.4	585	9.7	557	11.9	531	14.1	508	16.4	486	18.6	465	20.9	446	23.1
	1100	889	3.6	839	6.3	801	9.1	769	11.8	741	14.5	715	17.3	691	20.0	669	22.8	649	25.5	629	28.3
	1300	1073	4.2	1023	7.5	985	10.7	953	13.9	924	17.2	898	20.4	875	23.7	853	26.9	832	30.2	813	33.4
	1500	1256	4.9	1207	8.6	1168	12.3	1136	16.1	1108	19.8	1082	23.6	1058	27.3	1036	31.0	1016	34.8	996	38.5
	1800	1532	5.8	1482	10.3	1444	14.8	1412	19.3	1383	23.8	1357	28.3	1334	32.8	1312	37.3	1291	41.7	1272	46.2
	2000	1715	6.5	1666	11.5	1627	16.5	1595	21.4	1567	26.4	1541	31.4	1517	36.4	1495	41.4	1475	46.4	1455	51.4
710	700	653	2.7	590	4.9	543	7.1	502	9.3	467	11.4	435	13.6	405	15.8	378	18.0	352	20.2	328	22.3
	900	882	3.5	820	6.3	772	9.1	732	11.9	696	14.7	664	17.5	635	20.3	607	23.1	581	25.9	557	28.7
	1100	1112	4.2	1049	7.7	1002	11.1	961	14.5	926	18.0	894	21.4	864	24.8	837	28.3	811	31.7	786	35.1
	1300	1341	5.0	1279	9.1	1231	13.1	1191	17.2	1155	21.2	1123	25.3	1094	29.3	1066	33.4	1040	37.4	1016	41.5
	1500	1571	5.8	1508	10.5	1460	15.1	1420	19.8	1385	24.5	1353	29.2	1323	33.9	1296	38.5	1270	43.2	1245	47.9
	1800	1915	7.0	1852	12.6	1805	18.2	1764	23.8	1729	29.4	1697	35.0	1667	40.6	1640	46.2	1614	51.8		
	2000			2082	14.0	2034	20.2	1994	26.4	1958	32.7	1926	38.9	1897	45.1	1869	51.4				
713	700	848	3.4	767	6.2	705	9.0	653	11.9	607	14.7	565	17.5	526	20.4	491	23.2	457	26.0	426	28.9
	900	1146	4.3	1065	8.0	1003	11.6	951	15.3	905	18.9	863	22.5	825	26.2	789	29.8	755	33.5	724	37.1
	1100	1444	5.3	1363	9.7	1301	14.2	1249	18.6	1203	23.1	1161	27.6	1123	32.0	1087	36.5	1054	40.9	1022	45.4
	1300	1742	6.2	1662	11.5	1599	16.8	1547	22.0	1501	27.3	1459	32.6	1421	37.8	1385	43.1	1352	48.4		
	1500	2041	7.2	1960	13.3	1898	19.3	1845	25.4	1799	31.5	1757	37.6	1719	43.6	1683	49.7				
	1800	2488	8.6	2407	15.9	2345	23.2	2292	30.5	2246	37.8	2205	45.1	2166	52.4						
	2000	2786	9.6	2705	17.7	2643	25.8	2591	33.9	2544	42.0	2503	50.1								

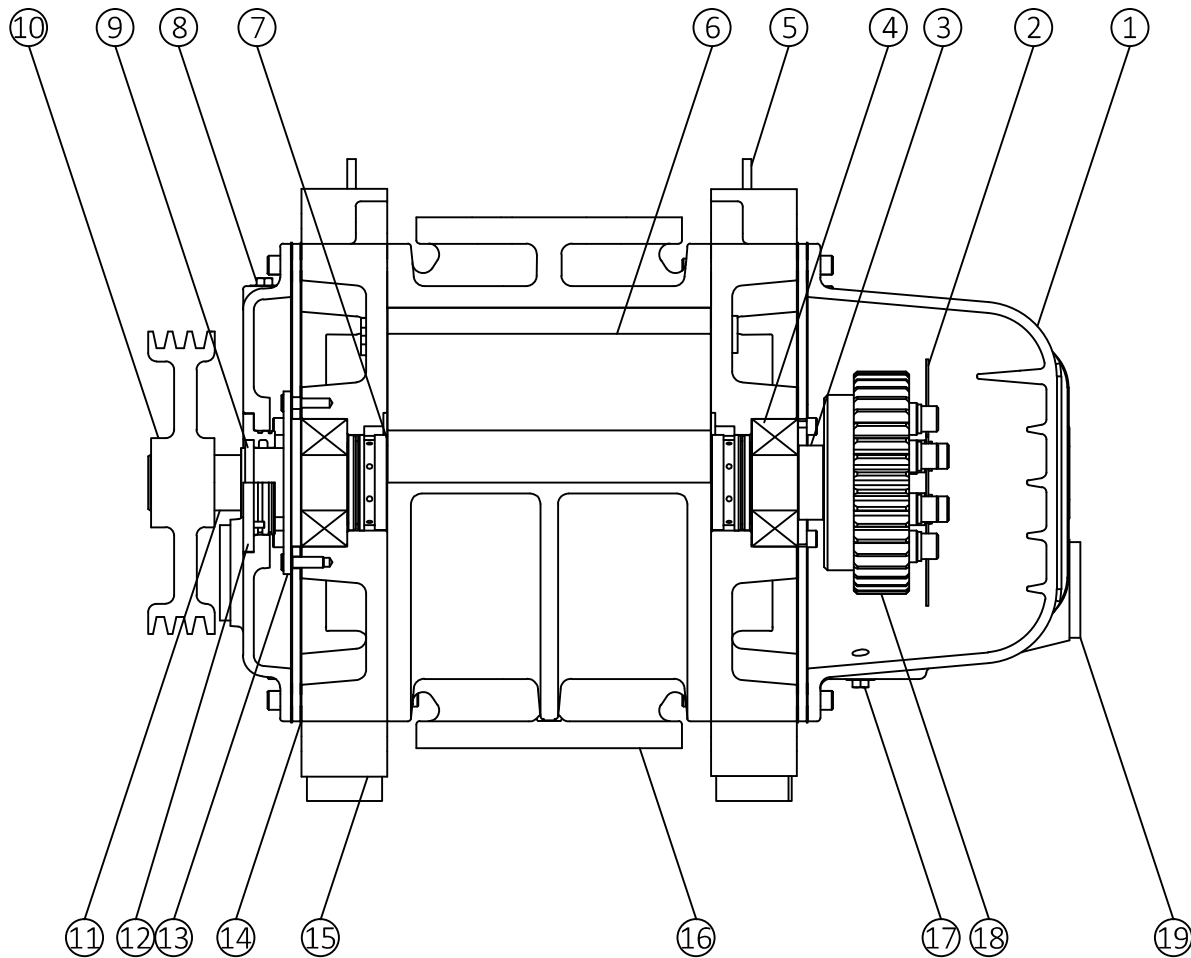
Red value for BKW indicate suitable for Intermittent Duty Applications only.

PERFORMANCE TABLE TWIN-LOBE ROTARY BLOWERS

AIR COOLED																WATER COOLED					
MODEL	SPEED	1000 mmWC		2000 mmWC		3000 mmWC		4000 mmWC		5000 mmWC		6000 mmWC		7000 mmWC		8000 mmWC		9000 mmWC		10000 mmWC	
	RPM	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW	m³/hr	BKW
812	700	962	5.1	899	8.1	851	11.2	810	14.2	775	17.2	742	20.2	712	23.3	685	26.3	659	29.3	634	32.4
	900	1280	6.6	1217	10.5	1169	14.4	1129	18.2	1093	22.1	1060	26.0	1031	29.9	1003	33.8	977	37.7	952	41.6
	1100	1598	8.0	1536	12.8	1487	17.5	1447	22.3	1411	27.1	1379	31.8	1349	36.6	1321	41.3	1295	46.1	1270	50.8
	1300	1917	9.5	1854	15.1	1806	20.7	1765	26.4	1729	32.0	1697	37.6	1667	43.2	1639	48.8	1613	54.5	1589	60.1
	1500	2235	11.0	2172	17.4	2124	23.9	2083	30.4	2047	36.9	2015	43.4	1985	49.9	1957	56.4	1931	62.8	1907	69.3
	1700	2553	12.4	2490	19.8	2442	27.1	2401	34.5	2365	41.8	2333	49.2	2303	56.5	2276	63.9				
	1800	2712	13.2	2649	20.9	2601	28.7	2560	36.5	2525	44.3	2492	52.1	2462	59.8	2435	67.6				
816	700	1283	6.1	1199	10.2	1135	14.2	1080	18.2	1033	22.3	990	26.3	950	30.3	913	34.4	878	38.4	845	42.4
	900	1707	7.9	1623	13.1	1559	18.2	1505	23.4	1457	28.6	1414	33.8	1374	39.0	1337	44.2	1302	49.4	1270	54.6
	1100	2131	9.6	2047	16.0	1983	22.3	1929	28.6	1881	35.0	1838	41.3	1798	47.7	1761	54.0	1727	60.3	1694	66.7
	1300	2555	11.4	2472	18.9	2407	26.4	2353	33.9	2305	41.3	2262	48.8	2223	56.3	2186	63.8				
	1500	2980	13.1	2896	21.8	2832	30.4	2777	39.1	2730	47.7	2687	56.4	2647	65.0						
	1700	3404	14.9	3320	24.7	3256	34.5	3202	44.3	3154	54.1	3111	63.9								
	1800	3616	15.7	3532	26.1	3468	36.5	3414	46.9	3366	57.2	3323	67.6								
820	700	1603	7.1	1499	12.2	1418	17.2	1351	22.3	1291	27.3	1237	32.4	1187	37.4	1141	42.4	1098	47.5	1057	52.5
	900	2134	9.2	2029	15.7	1949	22.1	1881	28.6	1821	35.1	1767	41.6	1718	48.1	1671	54.6	1628	61.0	1587	67.5
	1100	2664	11.2	2559	19.1	2479	27.1	2411	35.0	2351	42.9	2298	50.8	2248	58.8	2202	66.7				
	1300	3194	13.2	3090	22.6	3009	32.0	2941	41.3	2882	50.7	2828	60.1	2778	69.4						
	1500	3725	15.3	3620	26.1	3540	36.9	3472	47.7	3412	58.5	3358	69.3								
	1700	4255	17.3	4150	29.6	4070	41.8	4002	54.1	3942	66.3										
	1800	4520	18.3	4415	31.3	4335	44.3	4267	57.2	4208	70.2										
1012	700	1644	7.8	1537	13.0	1455	18.1	1385	23.3	1324	28.5	1269	33.6	1218	38.8	1170	44.0	1126	49.2	1084	54.3
	900	2188	10.0	2081	16.7	1999	23.3	1929	30.0	1868	36.6	1813	43.3	1762	49.9	1714	56.6	1670	63.2	1628	69.9
	1100	2732	12.2	2625	20.4	2542	28.5	2473	36.6	2412	44.7	2356	52.9	2306	61.0	2258	69.1	2214	77.3	2172	85.4
	1300	3276	14.5	3169	24.1	3086	33.7	3017	43.3	2956	52.9	2900	62.5	2849	72.1	2802	81.7	2758	91.3	2716	100.9
	1500	3820	16.7	3713	27.8	3630	38.8	3561	49.9	3500	61.0	3444	72.1	3393	83.2	3346	94.3	3302	105.4	3259	116.4
	1700	4364	18.9	4257	31.5	4174	44.0	4105	56.6	4044	69.2	3988	81.7	3937	94.3	3890	106.8	3845	119.4	3803	132.0
	1800	4636	20.0	4529	33.3	4446	46.6	4377	59.9	4315	73.2	4260	86.5	4209	99.8	4162	113.1	4117	126.4	4075	139.7
1016	700	2210	9.6	2065	16.5	1955	23.5	1861	30.4	1779	37.4	1705	44.3	1636	51.3	1573	58.2	1513	65.2	1456	72.1
	900	2941	12.3	2796	21.2	2686	30.2	2592	39.1	2510	48.0	2436	57.0	2367	65.9	2304	74.9	2244	83.8	2187	92.7
	1100	3671	15.0	3527	25.9	3416	36.9	3323	47.8	3241	58.7	3166	69.6	3098	80.6	3034	91.5	2975	102.4	2918	113.3
	1300	4402	17.8	4258	30.7	4147	43.6	4054	56.5	3972	69.4	3897	82.3	3829	95.2	3765	108.1	3706	121.0	3649	133.9
	1500	5133	20.5	4989	35.4	4878	50.3	4785	65.2	4703	80.1	4628	95.0	4560	109.9	4496	124.8	4436	139.7	4380	154.5
	1700	5864	23.2	5720	40.1	5609	57.0	5516	73.9	5433	90.7	5359	107.6	5291	124.5	5227	141.4	5167	158.3		
	1800	6230	24.6	6085	42.5	5974	60.3	5881	78.2	5799	96.1	5725	114.0	5656	131.8	5593	149.7	5533	167.6		
1020	700	2826	11.5	2642	20.4	2500	29.3	2381	38.2	2276	47.1	2180	56.0	2093	64.8	2012	73.7	1935	82.6	1863	91.5
	900	3761	14.8	3577	26.2	3435	37.7	3316	49.1	3210	60.5	3115	71.9	3028	83.4	2946	94.8	2870	106.2	2798	117.7
	1100	4696	18.1	4511	32.0	4370	46.0	4250	60.0	4145	74.0	4050	87.9	3963	101.9	3881	115.9	3805	129.8	3733	143.8
	1300	5631	21.4	5446	37.9	5305	54.4	5185	70.9	5080	87.4	4985	103.9	4898	120.4	4816	136.9	4740	153.5	4667	170.0
	1500	6566	24.6	6381	43.7	6240	62.8	6120	81.8	6015	100.9	5920	119.9	5832	139.0	5751	158.0				
	1700	7501	27.9	7316	49.5	7174	71.1	7055	92.7	6950	114.3	6855	135.9	6767	157.5						
	1800	7968	29.6	7783	52.4	7642	75.3	7522	98.2	7417	121.0	7322	143.9	7235	166.7						

Red value for BKW indicate suitable for Intermittent Duty Applications only.

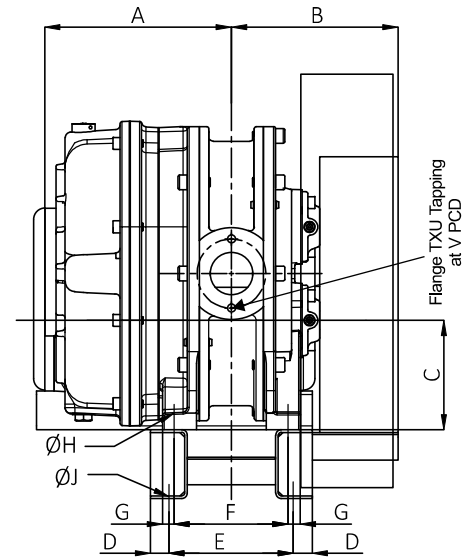
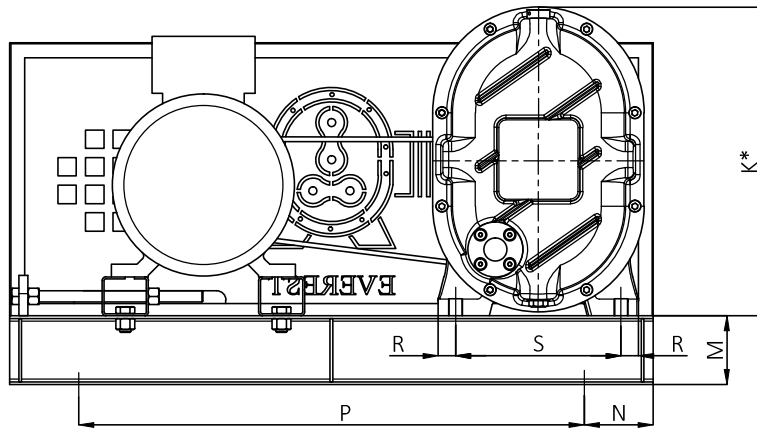
TWIN-LOBE STRUCTURE OF MATERIAL



TWIN-LOBE BLOWER STRUCTURE & MATERIAL DETAIL

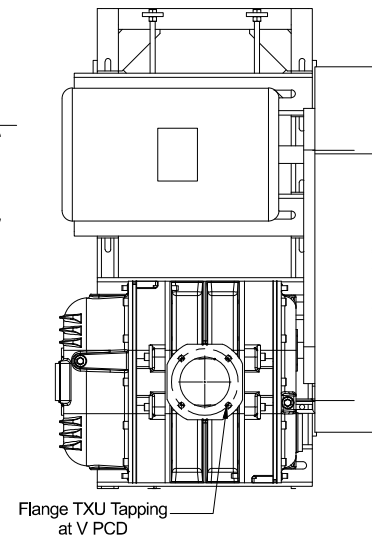
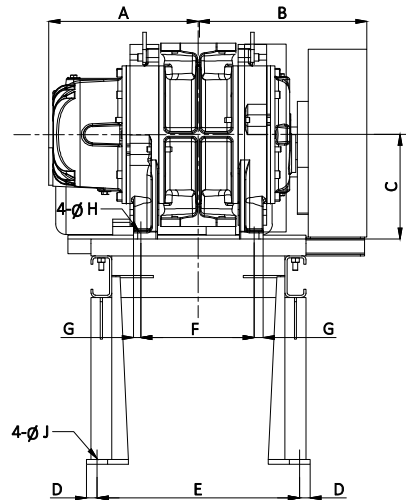
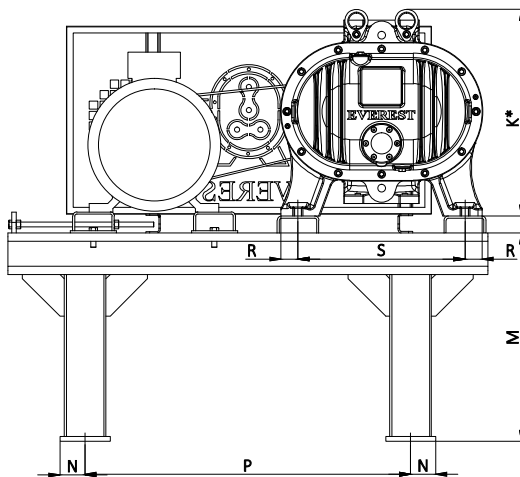
NO.	NAME	MATERIAL	NO.	NAME	MATERIAL
1	GSP Cover	C.I. FG200	12	Oil Seal Housing	C.I. FG260
2	Oil Splasher	CR Sheet / Aluminum	13	Bearing Clamp	M.S.
3	Spacer	M.S./EN8	14	Gasket	Non Asbestos
4	Bearing	Alloy Steel	15	Side Plate	C.I. FG260
5	Lifting Hook	M.S.	16	Body	C.I. FG260
6	Rotor	S.S./C.I./SG Iron	17	Oil Drain Plug	M.S. Magnetic
7	Piston/Axial Bush	C.I./EN8	18	Timing Gear	Alloy Steel
8	Oil Fill Plug	M.S./Brass	19	Oil Indicator	Aluminum
9	Oil Seal	Nitrile/Viton	20	-	-
10	Pulley	C.I.	21	-	-
11	Shaft	EN8/EN19	22	-	-

TWIN-LOBE DIMENSIONS AND WEIGHT



Model	A	B	C	D	E	F	G	H	J	K*	M	N	P	R	S	T	U	V	WT. (KG)	Line size (NB)	Noise Level dB(A)	Orientation
M450	203	181	119	20	136	134	8	14	12	333	75	75	550	19	180	2	M10	75	200	40	74	HF
M44	230	217	150	20	167	166	21	14	12	364	75	75	650	30	180	2	M10	112	280	65	76	HF

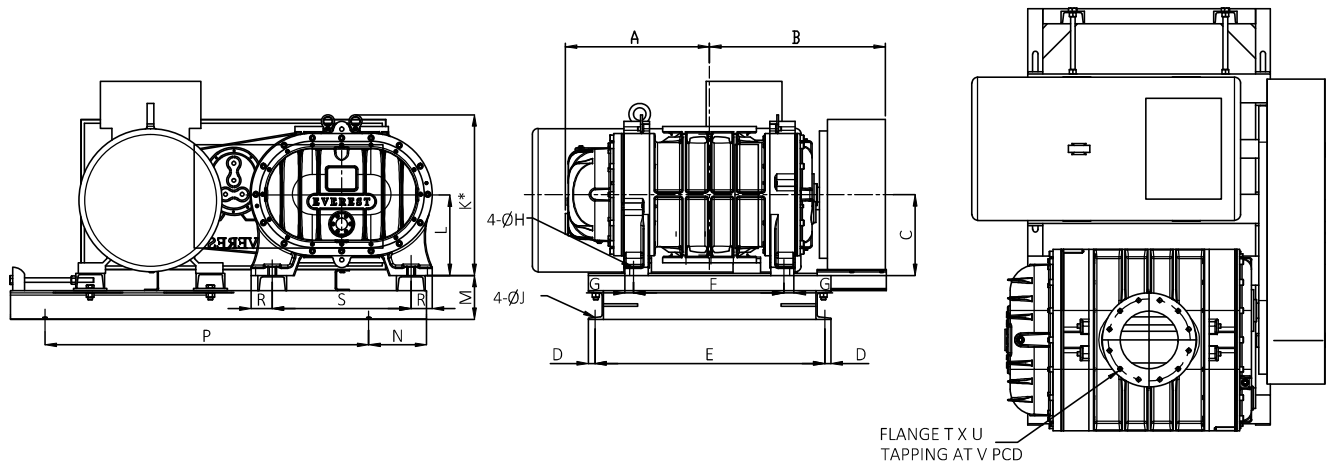
* Max. height of blower (From hook top to foot bottom or Blower Discharge top to foot bottom) Units: mm, Weight (WT.): Blower weight in "Kg"
The above Noise Level are given considering Blower without Acoustic Hood at 1500 RPM and 4000 - 5000 mmWC



Model	A	B	C	D	E	F	G	H	J	K*	M	N	P	R	S	T	U	V	WT. (KG)	Line size (NB)	Noise Level dB(A)	Orientation
M422	142	120	93	20	190	116	12	11	12	169	233	43	520	20	90	-	1-1/4" BSP	-	65	32	82	VF
5125	265	286	220	22	316	201	23	14	12	357	260	60	720	49	304	2	M10	112	350	80	85	VF
5175	288	301	220	22	252	252	23	14	12	395	100	90	720	48	304	4	M16	160	390	100	85	RAF
EXPO-2	267	360	225	22	600	214	18	16	12	362	485	60	700	31	340	-	4" BSP	-	550	100	85	VF
67	359	415	250	37	471	281	15	16	14	467	500	68	900	41	400	4	M16	160	700	100	88	VF
610	390	447	250	37	471	344	15	16	14	467	500	68	900	41	400	8	M16	180	760	125	88	VF
615	454	481	250	37	471	471	15	16	14	467	500	68	900	41	400	8	M16	210	850	150	90	VF
78	369	431	275	35	522	293	20	16	19	525	550	75	1050	59	450	8	M16	180	1100	125	89	VF
710	394	421	275	35	522	344	20	16	19	520	550	75	1050	59	450	8	M16	180	1070	125	95	VF
713	432	474	275	35	622	420	20	16	19	520	660	75	965	59	450	8	M16	210	1280	150	96	VF

* Max. height of blower (From hook top to foot bottom or Blower Discharge top to foot bottom) Units: mm, Weight (WT.): Blower weight in "Kg"
The above noise level are given considering Blower without Acoustic Hood at 1500 RPM and 4000 - 5000 mmWC

TWIN-LOBE DIMENSIONS AND WEIGHT



Model	A	B	C	D	E	F	G	H	J	K*	M	N	P	R	S	T	U	V	WT. (KG)	Line size (NB)	Noise Level dB(A)	Orientation
812	500	530	300	30	790	395	31	20	15	577	190	250	1100	51	550	8	M16	210	1513	150	100	VF
816	551	530	300	30	790	496	31	20	15	577	190	250	1100	51	550	8	M16	295	1610	200	102	VF
820	608	583	300	30	790	611	31	20	15	577	190	250	1100	51	550	8	M16	295	1800	200	105	VF
1012	516	652	350	33	985	455	30	24	19	675	190	250	1400	92	600	8	M16	295	2570	200	100	VF
1016	566	703	350	33	985	556	30	24	19	667	190	250	1400	92	600	12	M20	355	2650	250	102	VF
1020	624	760	350	33	985	671	30	24	19	667	190	250	1400	92	600	12	M20	355	3020	250	106	VF
1024	668	765	350	33	985	760	30	24	19	645	190	250	1400	92	600	12	M20	355	3050	300	110	VF
ET7000	677	867	400	33	985	740	57	24	19	695	200	250	1275	90	600	12	M20	355	3160	300	110	VF
ET9000	779	992	400	35	940	943	57	24	19	710	137	400	1000	90	600	12	M20	470	4390	350	110	VF

* Max. height of blower (From hook top to foot bottom or Blower Discharge top to foot bottom) Units: mm, Weight (WT.) : Blower weight in "Kg"
The above Noise Level are given considering Blower without Acoustic Hood at 1500 RPM and 4000 - 5000 mmWC



SCOPE OF SUPPLY (TWIN LOBE & TRILOBE ROOTS AIR BLOWERS)



Everest Blowers are **available as package units, ready to install** or as bare blower units for replacement

A) Bare Blower:

1. Blower; 2. Suction & Discharge ICP/Companion Flanges; 3. Blower Pulley

B) Blower With Standard Accessories (Pressure Duty) Including Water Cooled Blowers:

1. Blower; 2. Common Motor & Blower Base Frame with Motor Rails & Belt Tightening Arrangement; 3. Belt Guard / Coupling Guard; 4. Suction Air Filter; 5. Suction Silencer; 6. Pressure Gauge; 7. Safety Relief Valve (Spring Loaded Type); 8. Pulleys & Vee Belts / Coupling; 9. Foundation Bolts; 10. Interconnecting Pipe with Companion Flange; 11. O&M Manual

C) Additional Accessories (Available As Per Requirements):

1. NRV; 2. V Belt; 3. Discharge Silencer; 4. AVP; 5. Motor; 6. Differential Pressure Gauge Across Filter; 7. Temp. Gauge; 8. Special Paint; 9. Inspection; 10. Packing

D) Blower with Standard Accessories (Vacuum Duty):

1. Blower; 2. Common Motor & Blower Base Frame with Motor Rails & Belt Tightening Arrangement; 3. Belt Guard / Coupling Guard; 4. Discharge Silencer; 5. Vacuum Gauge; 6. Vacuum Relief Valve (Spring Loaded Type); 7. Pulleys & Vee Belts / Coupling; 8. Foundation Bolts; 9. Interconnecting Pipe with Companion Flange; 10. O&M Manual

E) Blower with Standard Accessories (Gas Duty):

1. Blower; 2. Common Motor & Blower Base Frame with Motor Rails & Belt Tightening Arrangement



Due to constant improvements, technical specifications are subject to change without notice. For further clarifications, contact our technical team who shall be glad to assist you to overcome application related problems.

SPARES & ACCESSORIES

100% inhouse manufacturing.

Buy only GENUINE Everest Products.

Retain your advantage with factory genuine replacement parts & accessories. All parts meet original manufacturing specifications and tolerances for guaranteed fit and function. Pre-packaged overall kits with detailed service manuals are available on request.



FEATURES

- Readily available
- Fast delivery
- Guaranteed fit and function
- Service kits for routine product maintenance

SPARES

Bearings, Oil Seals, Gears, Rotors, Spacer Bushes, Blower lubricant, Gaskets, Piston Rings, Body, Plate

ACCESSORIES

Safety Relief Valves, Filters, Suction Silencers, Discharge Silencers, Pulleys, Vee Belts, Hubs, Drive couplings, Pressure Gauge, Vacuum Gauge, Non Return Valves, Base Frame, Beltguard

Due to constant improvements, technical specifications are subject to change without notice. For further clarifications, contact our technical team who shall be glad to assist you to overcome application related problems.

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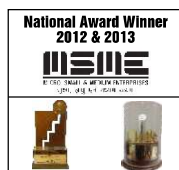
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More than 1,50,000 of Everest Blowers are running in over 38 countries world wide.