



NAMAN

ENGINEERING SOLUTIONS

Rotary Positive Displacement Twin Lobe & Tri Lobe Compressors (Roots Blowers)



- .Durable
- .Cost effective
- .Energy efficient

Reliable for High Performance



A Comple Solution of Blowers



Mission

Provider of Innovative engineering solutions in entire range of pressure & vacuum systems by having state of art technology, optimized designs, excellence in R&D, manufacturing and thrust on training & development of employees, continuously expanding our operations.



MY VISION



Quality Policy

To become top solution provider by being a prominent and trusted brand for:

- Positive Displacement Blowers in the world
- Low Pressure Compressors in India

A Comple Solution of Blowers



Values

Passion

To give our maximum & Be-The-Best.

Integrity

To know what is right and act responsibly with our clients, colleagues and community.

Innovation

To keep on improving our Product and services while anticipating our clients needs.

Dedication

To Succeed while delivering unparalleled quality and meeting best.

Standards Guidance

To serve our client with experienced and unbiased guidance regarding their actual needs.

भारत सरकार Government of India सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय Ministry of Micro, Small and Medium Enterprises		MSME सूक्ष्म, लघु एवं मध्यम उद्यम MICRO, SMALL & MEDIUM ENTERPRISES																					
UDYAM REGISTRATION CERTIFICATE																							
UDYAM REGISTRATION NUMBER		UDYAM-DL-06-0181588																					
NAME OF ENTERPRISE		NAMAN ENGINEERING SOLUTIONS																					
TYPE OF ENTERPRISE *	<table border="1"> <thead> <tr> <th>S.No.</th> <th>Classification Year</th> <th>Enterprise Type</th> <th>Classification Date</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>2025-26</td> <td>Micro</td> <td>17/11/2025</td> </tr> </tbody> </table>			S.No.	Classification Year	Enterprise Type	Classification Date	1	2025-26	Micro	17/11/2025												
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* In case of graduation (upward/reverse) of status of an enterprise, the benefit of the Government Schemes will be availed as per the provisions of Notification No. S.O. 2119(E) dated 26.06.2020 issued by the Mo MSME. Disclaimer: This is computer generated statement, no signature required. Printed from https://udyamregistration.gov.in & Date of printing:- 19/11/2025																							
For any assistance, you may contact:																							
1. District Industries Centre: DELHI (DELHI)																							
2. MSME-DFO: DELHI (DELHI)																							
Visit : www.msme.gov.in ; www.dcmsme.gov.in ; www.champions.gov.in Follow us @ minmsme & msmechampions																							
		 BE A CHAMPION with the Ministry of MSME																					

AIR COOLED BLOWERS

(TWIN LOBE ROTARY AIR BLOWERS)

Performance Data (Air Cooled Blowers)

IN./OUT.		SPEED	1000 MMWG		2000 MMWG		3000 MMWG		4000 MMWG		5000 MMWG		6000 MMWG		7000 MMWG		STANDARD ORIENTATION
Model	(MM)	(RPM)	M3/HR	BHP	M3/HR	BHP	M3/HR	BHP	M3/HR	BHP	M3/HR	BHP	M3/HR	BHP	M3/HR	BHP	
NES-315	25	1000 1200 1440	20 30 40	0.5 0.55 0.6	18 28 38	0.6 0.65 0.7	16 26 36	0.7 0.75 0.8	14 24 34	0.9 0.95 1.00							
NES-325	40	1000 1200 1440	51 65 83	0.43 0.52 0.62	42 56 74	0.70 0.84 1.00	35 49 67	0.96 1.16 1.39	29 44 61	1.23 1.47 1.77	24 38 56	1.49 1.79 2.15					
NES-42	40	1000 1200 1440	77 98 122	0.73 0.88 1.05	67 88 112	1.10 1.32 1.59	60 80 104	1.47 1.77 2.12	53 74 98	1.85 2.22 2.66	48 68 92	2.22 2.66 3.19	42 63 87	2.59 3.11 3.73	38 58	2.96 3.55	
NES-44	65	1000 1200 1440	120 149 185	0.90 1.09 1.30	107 137 173	1.45 1.74 2.09	98 128 164	1.99 2.39 2.87	90 120 156	2.54 3.05 3.66	83 113 149	3.08 3.70 4.44	77 107	3.63 4.35	71	4.17	
NES-47M	80	1000 1200 1500	150 188 245	1.10 1.40 1.70	133 171 228	1.80 2.20 2.80	120 158 215	2.50 3.00 3.80	109 147 204	2.20 3.90 4.80	99 137 194	3.90 4.70 5.90	90 128 186	4.60 5.50 6.90	82 120 178	5.30 6.40 8.00	
NES-47	80	1000 1200 1400	208 262 317	1.59 1.91 2.23	182 236 291	2.58 3.10 3.61	162 216 271	3.57 4.29 5.00	145 199 254	4.56 5.47	130 185	5.55 6.66					
NES-53	80	1000 1200 1440	181 226 280	1.82 2.18 2.62	163 208 262	2.63 3.16 3.79	150 195 248	3.45 4.14 4.97	138 183 237	4.27 5.12 6.15	128 173 227	5.09 6.10 7.32	119 164 218	5.90 7.08 8.50	111 156	6.72 8.06	
NES-55	80	1000 1200 1400	233 291 348	2.05 2.46 2.87	210 268 326	3.11 3.73 4.35	193 251 308	4.16 4.99 5.82	178 236 294	5.21 6.25 7.29	165 223 281	6.26 7.52 8.77	154 211 269	7.32 8.78 10.24	143 200	8.37 10.04	
NES-57	100	1000 1200 1400	326 407 488	2.47 2.97 3.46	295 375 456	3.95 4.74 5.53	270 351 432	5.42 6.50 7.59	250 330 411	6.89 8.27 9.65	231 312 393	8.37 10.04 11.71	215 296	9.84 11.81			
NES-59	100	1000 1200 1400	450 559 559	3.30 3.96 4.62	409 519 628	5.30 6.36 7.42	378 487 597	7.30 8.76 10.22	352 461 571	9.30 11.16 13.02	329 438	11.30 13.56					
NES-67	125	1000 1200 1400	453 565 676	3.04 3.65 4.26	409 520 632	5.09 6.10 7.12	375 486 598	7.13 8.56 9.98	346 458 570	9.17 11.01 12.84	321 433 545	11.22 13.46 15.70	298 410 522	13.26 15.91 18.56	277 389	15.30 18.36	
NES-610	125	1000 1200 1400	605 754 904	3.73 4.48 5.22	546 695 845	6.46 7.75 9.04	501 650 800	9.19 11.03 12.87	462 612 761	11.92 14.31 16.69	429 578 728	14.65 17.58 20.51	398 548	17.38 20.86	370 520	20.11 24.13	
NES-615	150	1000 1200 1400	919 1142 1366	5.19 6.22 7.26	836 1060 1283	9.27 11.13 12.98	772 996 1220	13.36 16.03 18.70	719 942 1166	17.44 20.93 24.42	672 895	21.53 25.84					
NES-78	125	1000 1200 1400	795 978 1161	4.34 5.21 6.08	746 929 1112	7.69 9.22 10.76	707 891 1074	11.03 13.24 15.44	675 858 1041	14.37 17.25 20.12	647 830 1013	17.72 21.26 24.80	621 804 987	21.06 25.27 29.48	598 781	24.40 29.28	
NES-710	150	1000 1200 1400	994 1223 1452	5.18 6.21 7.25	932 1161 1390	9.36 11.23 13.10	884 1113 1342	13.54 16.24 18.95	844 1073 1302	17.72 21.26 24.80	809 1038 1266	21.90 26.27 30.65	777 1006 1234	26.07 31.29 36.50	747 976	30.25 36.30	
NES-713	150	1000 1200 1400	1292 1589 1886	6.43 7.72 9.00	1211 1508 1805	11.86 14.23 16.60	1149 1446 1744	17.29 20.75 24.20	1097 1394 1691	22.72 27.26 31.81	1051 1348 1645	28.15 33.78 39.41	1009 1306	33.58 40.29	971	39.01	
NES-717	200	1000 1200 1400	1691 2080 2469	8.61 10.33 12.05	1585 1974 2363	15.71 18.86 22.00	1504 1893 2282	22.82 27.39 31.95	1436 1825 2214	29.93 35.92 41.90	1375 1765	37.04 44.44					
NES-812	200	1000 1200 1400	1435 1752 2070	9.79 11.75 13.71	1373 1690 2007	15.59 18.71 21.83	1324 1642 1959	21.38 25.66 29.94	1284 1601 1919	27.18 32.62 38.05	1248 1566 1883	32.97 39.57 46.16	1216 1533 1851	38.77 46.52 54.28	1186 1504	44.56 53.48	
NES-816	250	1000 1200 1400	1914 2337 2760	11.73 14.07 16.42	1830 2253 2676	19.45 23.34 27.23	1766 2189 2612	27.18 32.62 38.05	1712 2135 2558	34.91 41.89 48.87	1664 2087 2510	42.63 51.16 59.69	1621 2044	50.36 60.43			
NES-820	250	1000 1200 1400	2392 2921 3450	13.66 16.39 19.12	2288 2816 3345	23.32 27.98 32.64	2207 2736 3265	32.97 39.57 46.16	2140 2609 3198	42.63 51.16 59.69	2080 2609 3138	52.29 62.75 73.21					
NES-1012	250	1000 1200 1400	2453 2996 3538	14.91 17.89 20.87	2346 2889 3431	24.81 29.77 34.74	2264 2806 3349	34.72 41.66 48.60	2195 2737 3280	44.62 53.55 62.47	2134 2676 3219	54.53 65.44 76.34	2079 2621 3163	64.44 77.32 90.21	2028 2570 3113	74.34 89.21 104.08	
NES-1016	300	1000 1200 1400	3297 4025 4754	18.31 21.97 25.64	3153 3882 4610	31.62 37.95 44.27	3042 3771 4500	44.93 53.92 62.91	2949 3678 4407	58.24 69.89 81.54	2867 3596 4325	71.56 85.87 100.18	2793 3522 4251	84.87 101.84 118.81	2725 3454	98.18 117.81	
NES-1020	350	1000 1200 1400	4217 5149 6081	22.03 26.43 30.84	4033 4995 5971	39.05 46.86 54.67	3891 4824 5756	56.08 67.29 78.51	3772 4705 5637	73.10 87.72 102.34	3667 4600 5532	90.13 108.15 126.18	3573 4505	107.15 128.59			
NES-1024	350	1000 1200 1400	4953 6048 7143	25.00 30.00 35.00	4737 5831 6924	45.00 53.99 62.99	4571 5666 6760	64.99 77.99 90.99	4431 5526 6621	84.99 101.99 118.99	4308 5402 6497	104.99 125.99 146.98					

WATER COOLED BLOWERS

(TWIN LOBE ROTARY AIR BLOWERS)

PERFORMANCE TABLE FOR HELICAL BLOWERS

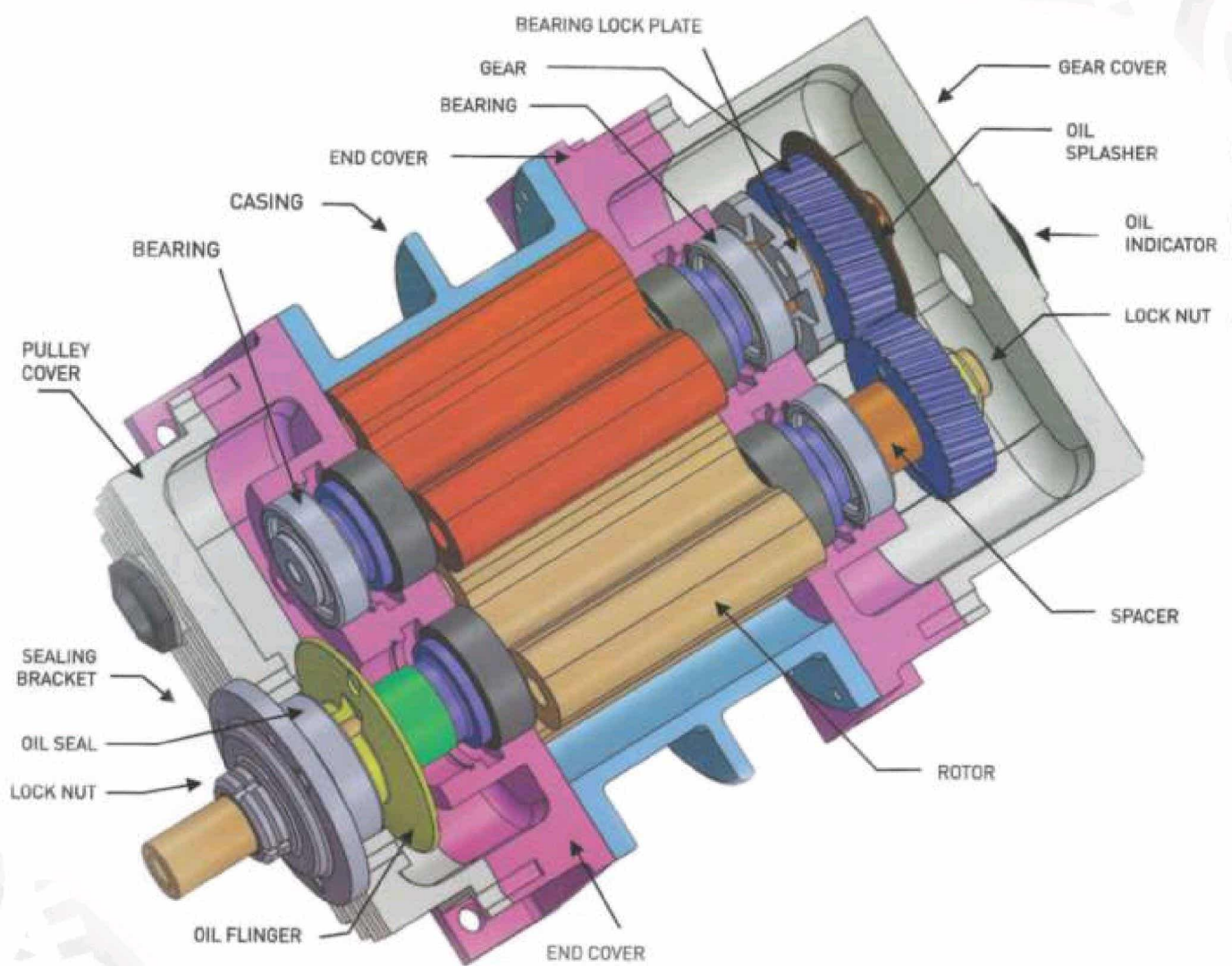
FLOW RATE = Q in CFM at Suction Condition

P₁ = psi - Suction Pressure T₁ = 68°F - Suction Temperature

PERFORMANCE DATA FOR HANDLING AIR FOR POSITIVE PRESSURE.

PRESSURE in PSI		1.42		2.84		4.27		5.69		7.11		8.53		9.95		11.37		12.80		14.22	
MODEL	Speed RPM	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW	CFM	KW
NES-46TR	2900	269.412	1.50	258.235	3.0	248.824	4.5	241.176	6.0	232.941	7.5	224.706	9.0	217.647	10.5	210	12.0	203.529	13.5	197.059	15.0
	2000	175.294	0.95	164.118	1.9	153.529	2.9	142.353	3.85	134.118	4.8	125.882	5.75	118.824	6.7	111.176	7.65	--	--	--	--
	1450	117.647	0.68	106.471	1.36	95.2941	2.04	85.2941	2.72	81.1765	3.4	68.8235	4.10	--	--	--	--	--	--	--	--
NES-71TR	2900	384.118	1.90	367.647	3.80	356.471	5.70	347.647	7.6	339.412	9.5	331.765	11.4	308.824	13.4	--	--	--	--	--	--
	2000	250	1.30	234.706	2.6	222.941	3.9	214.706	5.2	206.471	6.5	198.235	7.8	190	9.1	--	--	--	--	--	--
	1450	168.235	1.00	152.941	2.0	141.176	3.0	131.765	4.0	124.706	5.0	117.059	6.0	105.882	7.0	--	--	--	--	--	--
NES-81TR	2900	599.412	3.00	576.471	6.0	558.824	8.9	544.706	11.9	532.353	14.8	521.176	17.8	511.765	20.7	501.765	23.7	492.353	26.7	482.941	29.6
	2000	418.235	2.20	395.882	4.4	377.647	6.6	363.529	8.8	351.176	11.0	340	13.2	330.588	15.4	321.176	17.6	311.176	19.8	301.176	22.0
	1450	307.647	1.60	284.706	3.2	267.059	4.8	252.941	6.4	240.588	8.0	229.412	9.6	219.412	11.2	210	12.8	--	--	--	--
NES-91TR	2900	947.647	4.50	918.824	9.0	895.882	13.5	877.059	18.0	858.824	22.5	842.941	27.0	830	31.5	--	--	--	--	--	--
	2000	643.529	3.15	613.529	6.3	591.176	9.5	571.765	12.6	554.118	15.6	538.235	18.6	525.294	21.8	--	--	--	--	--	--
	1450	474.118	2.30	425.294	4.6	422.353	6.9	402.353	9.2	385.294	11.5	368.824	13.9	--	--	--	--	--	--	--	--
NES-95TR	2900	1137.06	5.40	1102.35	10.8	1074.71	16.2	1052.35	19.6	1030.59	27.0	1011.18	32.4	--	--	--	--	--	--	--	--
	1800	705.882	3.78	676.471	7.6	648.824	11.4	621.176	15.1	593.529	18.7	565.882	22.3	--	--	--	--	--	--	--	--
	1450	568.824	2.76	541.176	7.6	513.529	8.3	485.882	11.2	458.235	13.8	430.588	16.5	--	--	--	--	--	--	--	--
NES-120TR	2900	1361.76	6.30	1319.41	12.5	1287.06	18.8	1261.76	25.1	1238.82	31.4	1218.82	37.6	1208.24	43.3	1187.06	50.2	1174.12	56.4	1161.18	62.7
	1800	810.588	3.90	775.882	7.8	748.824	11.8	725.294	15.7	706.471	19.6	688.235	23.5	672.353	27.4	658.235	31.4	647.647	35.3	631.765	39.2
	1450	635.294	3.10	600	6.2	572.941	9.3	550.588	12.4	531.176	15.5	513.529	18.6	497.059	21.7	482.941	24.8	469.412	27.9	--	--
NES-180TR	2900	1861.18	8.20	1811.76	16.4	1762.35	24.6	1715.29	32.8	1732.35	41.0	1215.29	49.2	1199.41	57.4	1183.53	65.6	1169.41	73.8	--	--
	2200	1490.59	4.55	1441.18	9.1	1409.41	13.6	1381.76	18.2	1359.41	22.7	1339.41	27.3	1322.35	31.8	1305.29	36.7	1288.24	40.9	--	--
	1450	964.706	4.50	915.882	9.0	882.941	13.5	852.941	18.0	832.941	22.5	813.529	27.0	795.882	31.5	778.824	36.0	--	--	--	--
NES-200TR	2900	2697.65	13.10	2648.82	26.2	2610	39.3	2577.06	52.4	2551.76	66.5	2528.82	78.6	2505.88	92	2487.06	114.8	2471.18	117.9	2470	131.0
	1800	1692.94	7.90	1644.12	15.8	1602.94	23.7	1572.35	31.6	1546.47	39.5	1523.53	47.4	1500	55.3	1477.06	63.2	1455.88	71.1	1437.06	79.0
	1460	1329.41	6.50	1388.82	13.0	1241.76	19.5	1208.82	26.0	1182.94	32.4	1160	39.0	1137.06	45.5	1114.12	52.0	1092.94	58.5	--	--
NES-290TR	2000	2328.24	11.00	2263.53	22.0	2214.71	33.0	2172.35	44.0	2142.94	55.0	1792.94	66.0	1770.59	77.0	1747.65	88.0	1731.76	99.0	--	--
	1460	1907.65	9.20	1842.94	18.8	1794.12	27.6	1751.76	36.8	1716.47	46.0	1685.29	55.2	1656.47	64.4	1627.06	73.6	1601.18	82.8	--	--
	1200	1534.12	7.30	1469.41	14.6	1421.18	21.9	1380	29.2	1342.94	36.5	1311.76	43.8	1282.35	51.1	1253.53	58.4	--	--	--	--
NES-300TR	1460	2461.76	12.30	2433.53	24.6	2405.29	36.9	2377.06	49.2	2348.82	61.5	2322.94	73.8	--	--	--	--	--	--	--	--
	1200	2080	10.50	2050.59	21.0	2021.18	31.5	1991.76	42.0	1962.35	52.5	1932.94	63.0	--	--	--	--	--	--	--	--
	985	1708.24	8.60	1679.41	17.2	1650.59	25.2	1621.76	33.6	1592.94	41.8	1564.12	50.0	--	--	--	--	--	--	--	--
NES-310TR	1460	4117.65	23.00	4061.76	46	4008.82	69	3958.82	92	--	--	--	--	--	--	--	--	--	--	--	--
	1200	3429.41	19.00	3370.59	38	3311.76	57	3252.94	76	--	--	--	--	--	--	--	--	--	--	--	--
	985	2688.24	16.00	2800	32	2917.65	48	2705.88	64	--	--	--	--	--	--	--	--	--	--	--	--
NES-320TR	1460	3077.65	14.40	2993.53	28.8	2928.82	43.2	2873.53	57.6	2824.71	72.0	2779.41	86.4	2740.59	100.8	2705.29	115.2	2672.35	129.6	2643.53	144.0
	1200	2600.59	12.30	2515.88	24.6	2451.18	36.9	2396.47	49.2	2347.65	61.5	2302.35	73.8	2263.53	86.1	2227.65	98.4	2194.71	110.7	2165.88	123.0
	985	2135.29	10.20	2050.59	20.4	1985.29	30.6	1930.59	40.8	1881.76	51.0	1836.47	61.2	1797.65	71.4	1761.76	81.6	1729.41	91.8	--	--
NES-450TR	1460	4469.41	20.90	4358.82	41.8	4271.18	62.7	4197.06	83.6	4132.35	104.5	4083.53	125.4	4041.76	146.3	4002.94	167.2	3967.06	188.1	3934.12	209.0
	1200	3584.71	17.30	3474.71	34.6	3387.06	51.9	3312.35	69.2	3247.06	86.5	3199.41	103.8	3156.47	121.1	3117.65	138.4	3082.35	155.7	2904.71	173.0
	985	2985.29	14.30	2875.29	28.6	2787.65	42.9	2712.94	57.2	2648.24	72.3	2600	86.6	2557.65	100.9	2518.24	115.2	2483.53	129.6	--	--
NES-500TR	1460	5241.18	28.50	5120.59	57.0	5028.24	85.0	4948.82	113.0	4878.24	142.0	4807.65	171	4741.18	200	--	--	--	--	--	--
	1200	4330.59	23.40	4212.94	46.8	4117.65	70.2	4038.24	93.6	3967.65	117.0	3897.06	141	3829.41	165	--	--	--	--	--	--
	985	3574.71	19.30	3457.06	38.6	3360	57.9	3282.35	77.2	3211.76	96.5	3141.18	118	3073.53	137.1	--	--	--	--	--	--
NES-550TR	1460	7117.65	39.00	7057.65	78.0	6941.18	117.0	6867.65	156.0	--	--	--	--	--	--	--	--	--	--	--	--
	1200	5823.53	32.00	5741.18	64.0	5682.35	96.0	5588.24	128.0	--	--	--	--	--	--	--	--	--	--	--	--
	985	4700	26.00	4641.18	52.0	4582.35	78.0	4517.65	104.0	--	--	--	--	--	--	--	--	--	--	--	--
NES-600TR	1300	5774.71	27.40	5628.82	54.9	5515.29	82.3	5420	109.8	5082.35	137.2	5009.41	164.6	4934.71	192.1	4884.71	219.5	4835.29	247.0	4791.76	274.4
	1150	5122.35	24.30	4745.29	43.7	4885.29	72.9	4801.18	97.2	4502.35	121.5	4440	145.8	4387.65	170.1	4341.18	194.4	4301.18	218.7	4264.12	243.0
	985	3958.82	18.90	3829.41	37.8	3724.71	56.7	3617.65	75.7	3455.29	94.6	3334.71	113.5	3284.71	132.4	3238.82	151.4	3198.24	170.0	--	--
NES-1000TR	1250	7368.24	35.80	7220	71.5	7099.41	107.3	6979.41	143.1	6880.59	178.9	6800	214.6	6726.47	250.4	6667.65	286.2	6584.12	321.9	6522.35	357.7
	985	5707.06	27.80	5558.82	55.7	5438.24	83.5	5317.65	114.3	5192.35	139.2	5067.06	167.0	4941.76	194.8	4875.29	222.7	4737.65	250.5	4582.35	278.3
	850	4843.53	23.90	4730	47.8	4610	71.7	4489.41	95.6	4384.12	119.6	4297.65	143.5	4230	191.3	4159.41	215.2	4088.24	219.6	4017.06	239.1

TRI LOBE



Construction

It is a one piece Integral Grey or Ductile Cast Iron or Cast Steel casting.

The surface of casing is adequately ribbed for strengthening against distortion on high loads. Selective models have sound attenuating chambers on discharge. The suction flange is on the top and discharge is either at bottom or on the side.

Lubrication

There is an effective OIL splash lubrication for gears and bearings. This arrangement is for all blowers. However, for certain specific applications the blowers are provided with forced lubrication (L). For blowers operating at low temperature heating arrangement is provided.

Rotors

Each rotor has 3-lobes of computer generated profile optimizing volumetric efficiency.

The lobes are generally of fine grain Grey Cast or Ductile Iron and has pressed in steel shafts. The lobe materials can also be SS or AL depending on the process requirement. The ends of lobes are plugged; when handling dust laden air.

The rotors of smaller blowers can be out of forged steel with integral shaft. The rotors are dynamically balanced to very fine grade of 2.5 of ISO-1940.

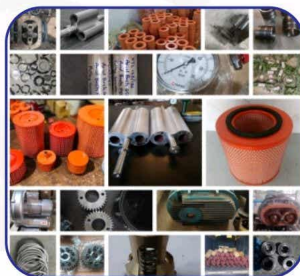
Sealing

The compression chamber is sealed from the oil chambers through effective labyrinth seal provided with a neutral chamber and the air conveyed is guaranteed oil free. The drive shaft end has a lip seal riding on hardened and replaceable sleeve.

For conveying gases the seal can be mechanical (M) or gland packed type (P).

Timing Gears

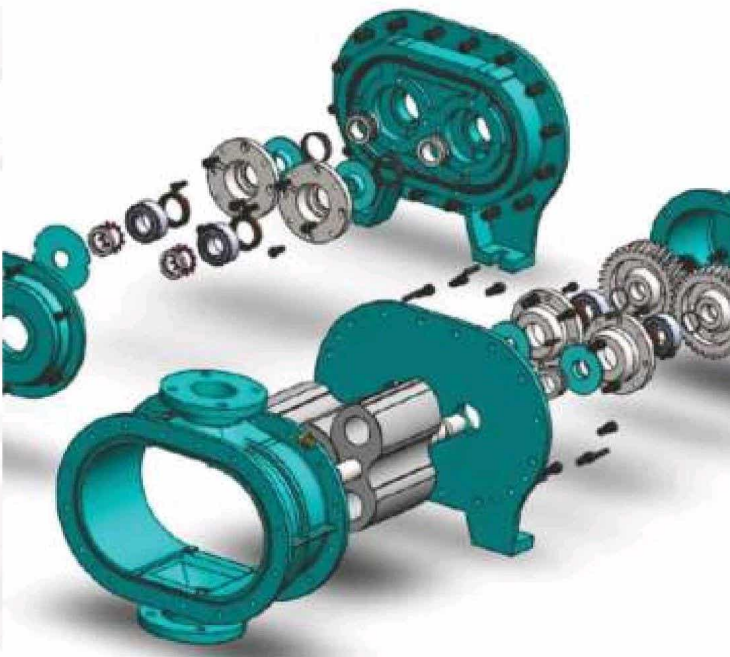
The timing gears are hardened and ground, heavy-duty helical design to with-stand wear. Fixing to the shaft is through press on tapers under high oil pressure.



AQUA CULTURE BLOWER

(TWIN LOBE ROTARY AIR BLOWERS)

MODEL	MOTOR	DISCH. LINE (MM NB)	AIR FLOW (M3/HR.)	PRESSURE (MMWG)	SPEED (RPM)	ORIENTATION
Aqua- A	1 HP	40	50	2000	1200	
Aqua- B	2 HP	40	100	2000	1200	
Aqua- C	3 HP	40	170	2000	1200	
Aqua- C GOLD	3 HP	65	185	2000	1200	
Aqua- E	5 HP	65	210	2000	1200	
Aqua- E GOLD	5 HP	80	270	2000	1200	
Aqua- G	7.5 HP	80	320	2000	1200	
Aqua- G GOLD	7.5 HP	80	420	2000	1200	
Aqua- J	10 HP	100	770	2000	1200	
Aqua- 13V	12.5 HP	125	798	2000	1200	
Aqua- 15L	15 HP	125	898	2000	1200	
Aqua- 20	20 HP	150	1299	2000	1200	



SPARES & ACCESSORIES

100% inhouse manufacturing

Buy only **GENUINE NAMAN ENGINEERING** 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.

Single Stage Ring Blower

Single Stage Ring Blower

MODEL	POWER	DISPLACEMENT	VACUUM	PRESSURE	SOUND	WEIGHT
NES -1-25	0.25 HP	80 m ³ /hr / 47 CFM	-120 mbar	120 mbar	53 DB	9 KG
NES -1-80	0.5 HP	80 m ³ /hr / 47 CFM	-130 mbar	140 mbar	62 DB	12 KG
NES -1-145	1.0 HP	145 m ³ /hr / 85 CFM	-150 mbar	160 mbar	63 DB	14 KG
NES -1-210F	1.25 HP	210 m ³ /hr / 123 CFM	-110 mbar	100 mbar	65 DB	20 KG
NES -1-210L	1.5 HP	210 m ³ /hr / 123 CFM	-170 mbar	170 mbar	64 DB	22 KG
NES -1-210	2.0 HP	210 m ³ /hr / 123 CFM	-190 mbar	200 mbar	70 DB	23 KG
NES -1-270	3.0 HP	270 m ³ /hr / 159 CFM	-230 mbar	250 mbar	67 DB	27 KG
NES -1-318	3.0 HP	320 m ³ /hr / 188 CFM	-190 mbar	190 mbar	69 DB	30 KG
NES -1-320V	4.0 HP	320 m ³ /hr / 188 CFM	-270 mbar	290 mbar	69 DB	37 KG
NES -1-400	5.0 HP	400 m ³ /hr / 235 CFM	-290 mbar	330 mbar	77 DB	40 KG
NES -1-530	7.5 HP	530 m ³ /hr / 312 CFM	-300 mbar	320 mbar	80 DB	62 KG
NES -1-530P	10.0 HP	530 m ³ /hr / 312 CFM	-320 mbar	380 mbar	82 DB	68 KG
NES -1-1050	11.0 HP	1050 m ³ /hr / 618 CFM	-210 mbar	210 mbar	74 DB	93 KG
NES -1-1050P	16.5 HP	1050 m ³ /hr / 618 CFM	-280 mbar	270 mbar	74 DB	116 KG
NES -1-1050HP	24.5 HP	1050 m ³ /hr / 618 CFM	-340 mbar	460 mbar	74 DB	126 KG

Double Stage Ring Blower



Double Stage Ring Blower

MODEL	POWER	DISPLACEMENT	VACUUM	PRESSURE	SOUND	WEIGHT
NES -DS-88	1.0 HP	88 m ³ /hr / 52 CFM	-210 mbar	240 mbar	55 DB	14 KG
NES -DS-110	1.5 HP	110 m ³ /hr / 65 CFM	-280 mbar	290 mbar	58 DB	18 KG
NES -DS-150	2.0 HP	150 m ³ /hr / 89 CFM	-280 mbar	280 mbar	66 DB	24 KG
NES -DS-150V	3.0 HP	150 m ³ /hr / 89 CFM	-330 mbar	440 mbar	66 DB	27 KG
NES -DS-230V	3.0 HP	230 m ³ /hr / 135 CFM	-290 mbar	360 mbar	72 DB	35 KG
NES -DS-230	4.0 HP	230 m ³ /hr / 135 CFM	-340 mbar	410 mbar	72 DB	39 KG
NES -DS-230P	5.0 HP	230 m ³ /hr / 135 CFM	-390 mbar	490 mbar	72 DB	44 KG
NES -DS-320V	7.5 HP	320 m ³ /hr / 189 CFM	-440 mbar	500 mbar	73 DB	70 KG
NES -DS-320P	10.0 HP	320 m ³ /hr / 189 CFM	-440 mbar	570 mbar	73 DB	77 KG
NES -DS-520	15.0 HP	520 m ³ /hr / 306 CFM	-430 mbar	660 mbar	74 DB	88 KG
NES -DS-1110P	27.0 HP	1110 m ³ /hr / 654 CFM	-440 mbar	500 mbar	74 DB	204 KG
NES -DS-1110HP	33.0 HP	1110 m ³ /hr / 654 CFM	-440 mbar	590 mbar	74 DB	211 KG
NES -DS-2050	27.0 HP	2050 m ³ /hr / 1207 CFM	-250 mbar	230 mbar	75 DB	230 KG
NES -DS-2050P	33.0 HP	2050 m ³ /hr / 1207 CFM	-310 mbar	280 mbar	75 DB	235 KG

ACOUSTIC HOODS | ENCLOSURE

NAMAN ENGINEERING leading manufacturer of Roots Blowers introduces acoustic enclosures for blowers. BB BIPL acoustic enclosures are one of the most effective means for containment of excessive noise and for the insulation of the workers from the noise. Even where silencers are used, they can only treat the air borne noise. The treatment of the mechanic is from the blower, motor, etc. is beyond the scope of silencers. Thus, in order to hit low noise levels, that are often statutory requirements, Noise Enclosures / Acoustic Hoods are required. BB BIPL sound reduction enclosures have been designed for effective noise reduction of blowers placed inside. BB BIPL economical design provides noise reduction of 15-20 dB(A) bringing down the total noise emitted to safe acceptable limits.

SALIENT FEATURES

- Extremely Good Sound Proofing.
- Save from Rain and Sunlight.
- Thickness of MS: Approx 1.5mm (MOC-MS)
- Glass Wool Thickness: 18 gauge - foam and high density + glass wool.
- Powder coating of exterior grade for UV Stabilization and weather proofing for many years.
- After used Acoustic Hoods we can reduce noise 15 to 20%.
- Use any residential, public place, College or school.
- Ventilation: In each Acoustic Hood two or more exhaust fan provided for Ventilation.



Features

- Noise Control :- Level reduction to the tune of 12 to 25 DB is achieved.
- Mobility :- The enclosures can be easily shifted or transported.
- Ease of Maintenance :- Adequate space is available inside the canopy for easy maintenance.
- Elimination of Civil Work :- Enclosures are suitable for open installation and hence require no separate building or shed.
- Exhaust fans are provided in the enclosure for efficient air circulation avoiding derating. It made Proper Cooling of Blowers .
- Easily & quickly assembled and maintain at site.
- Powder Coated Sheets with electro statically charged glass wool sandwich.
- Proper air ventilation system is available for proper cooling of blower.

APPLICATIONS

- o **Water Treatment Plants** For backwashing of filter/mixed beds.
- o **Effluent/sewage Treatment Plants** For diffused aeration and agitation of effluent/sewage.
- o **Cement Plants** For Blending, Aeration, Fluidization, Conveying.
- o **Aquaculture** For maintaining the dissolved Oxygen level.
- o **Chemical Plants** For supplying of process air.
- o **Electroplating Plants** For Oil Free air agitation of electrolyte.
- o **Paper Plants** Knife edge coating, Drying, Conveying, Vacuum pickup.
- o **Yarn Drying** Vacuum/Pressure Drying of Yarn.
- o **Vacuum Moulding** For creating quick vacuum.
- o **Polyster Chip Conveying & drying** For transfer of polyster Chips and other similar materials.
- o **Bag Filters** For reverse cleaning of Filter bags.
- o **Pneumatic Conveying Vacuum**, Pressure and Combination Conveying of cereals, cement, husk, similar material baggase, granules, powders and other.
- o **Regeneration of Dryers & Molecular Sieves.**



MSME
MICRO, SMALL & MEDIUM ENTERPRISES
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NAMAN
ENGINEERING SOLUTIONS

Corporate Address : M-435-470, JJ COLONY, BAWANA, DELHI-39

E-mail : namanengineeringsolutions@gmail.com

M. : 7522072580, 8130292084