



SHUKHA BLOWERS

TWIN LOBE ROOTS BLOWERS

*Your Trust
Our Responsibility*



**Product
Catalogue**

SHIKHA ROOTS BLOWER

Shikha Roots Blower means reliability, availability and maintainability. SHIKHA is committed to supplying our customers with reliable products manufactured with state of the art technologies.

A complete range of 100% OIL FREE Air Blowers is available for flow rates from 05 m³/hr to 10,000 m³/hr in single state and parallel configuration for working pressure range up to 1kh/cm². They are available as total package units, ready to install or as bare blower units for replacement.



WHY SHIKHA ROOTS TWIN LOBE TYPE BLOWERS?

- 1.) Superior Quality
- 2.) Very Low Noise and Vibration
- 3.) Dynamically balanced rotor shaft assembly
- 4.) Prompt Pre & post sale service (within 48 hours time all over India)
- 5.) Capable to provide any make blower maintenance support
- 6.) Economical Price
- 7.) 100% oilfree delivery.
- 8.) One year onsite warranty
- 9.) Delivery redefined-Exstock upto 700 m³/hr
- 10.) State of the art VMC & CNC Machining & Testing Facility (BS 1571 & ISO 1217 Standard)
- 11.) Application Engineering Support
- 12.) Experienced & Energetic Team
- 13.) All major components are interchangeable making SHIKHA BLOWERS the first & only manufacturer to attain the same.
- 14.) Fast growing & dedicated company in the field of Roots Blower Manufacturing.



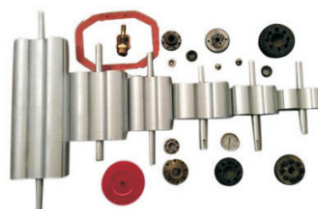
DESIGN AND CONSTRUCTION FEATURES

- Anti-fiction bearings
- Performance testing as per standard test procedure STP-01 based on BS-1571-2:1975 and ISO 1217:2009
- All blowers are manufactured on state of the art , imported CNC machines, machined to close tolerances with high degree of accuracy on profile matching, ensuring high volumetric efficiency.
- Rigid one piece CI casing & end plates.
- Large Inlet & Outlet connections for minimal loss
- Horizontal & Vertical Configurations available
- Alloy steel hardened and ground timing gears, oil splash lubricated.



We are working to provide you better product and services

PRODUCT RANGE : ROOTS BLOWER, STP/ETP BLOWER, OIL FREE BLOWER, AQUA CULTURE BLOWER, VACUUM BOOSTER, FISH FARMING BLOWER, ACCOUSTIC HOOD.



SHIKHA TWIN LOBE ROTARY AIR COMPRESSORS

This table features the different SHIKHA ROOTS BLOWER models specifying its air flow (m³/hr), pressure (kg/cm²) and speed (rpm) performance.

MODEL	SPEED	0.1 kg/cm ²		0.2 kg/cm ²		0.3 kg/cm ²		0.4 kg/cm ²		0.5 kg/cm ²		0.6 kg/cm ²		0.7 kg/cm ²		OPENING mm NB	STANDARD ORIENTATION
	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		
SM-350	1000	39	0.5	34	0.7	30	0.9									40	VERTICAL/ HORIZONTAL
	1200	49	0.6	44	0.8	40	1										
	1400	60	0.7	54	0.9	50	1.2										
SM-450	1100	83	0.6	71	0.9	62	1.2	54	1.5	47	1.8	41	2.1	35	2.4	40	HORIZONTAL
	1300	104	0.7	92	1.1	83	1.4	75	1.8	68	2.2	61	2.5	56	2.9		
	1500	124	0.8	112	1.2	103	1.7	95	2.1	88	2.5	82	2.9	76	3.3		
SM-42	1100	87	0.6	77	0.9	69	1.2	62	1.5	56	1.8	51	2.1	46	2.4	40	HORIZONTAL
	1300	108	0.7	97	1.1	89	1.4	82	1.8	76	2.2	71	2.5	66	2.9		
	1500	128	0.8	118	1.2	110	1.7	103	2.1	97	2.5	92	2.9	87	3.3		
SM-44	1100	127	0.8	112	1.2	100	1.7	90	2.1	81	2.6	74		66	3.5	65	HORIZONTAL
	1300	157	0.9	141	1.4	130	2.0	120	2.5	111	3.0	103	3.6	96	4.1		
	1500	187	1.1	171	1.7	159	2.3	149	2.9	141	3.5	133	4.1	125	4.7		
SM-45	1100	230	1.2	220	1.5	210	2.1	190	3.2							65	HORIZONTAL
	1300	250	1.4	240	1.9	230	2.4	210	3.6								
	1500	270	1.6	260	2.4	245	2.8	225	3.9								
SM-47	1100	235	1.3	209	2.2	189	3.0	172	3.8							80	VERTICAL/ HORIZONTAL
	1300	290	1.6	263	2.6	243	3.5	227	4.5								
	1500	344	1.8	318	2.9	298	4.1	281	5.2								
SM-53	1100	209	1.3	193	2.0	181	2.6	171	3.3	163	4.0	155	4.6	147	5.3	80	HORIZONTAL
	1300	254	1.5	238	2.3	226	3.1	216	3.9	207	4.7	199	5.5	192	6.3		
	1500	298	1.8	283	2.7	271	3.6	261	4.5	252	5.4	244	6.3	237	7.2		
SM-55	1100	262	1.4	239	2.3	22	3.2	207	4.0	194	4.9	182	5.8	172	6.6	80	HORIZONTAL
	1300	320	1.7	297	2.7	279	3.7	265	4.8	252	5.8	240	6.8	229	7.8		
	1500	377	2.0	355	3.1	337	4.3	322	5.5	309	6.7	298	7.8	287	9.0		
SM-59	1100	501	2.5	459	4.1	427	5.7	400	7.4							100	VERTICAL/ HORIZONTAL
	1300	611	2.9	569	4.8	537	6.8	509	8.7								
	1500	720	3.4	678	5.6	646	7.8	619	10.1								
SM-AQUA	1100	750	2.9	680	4.5	600	5.9	450	7.6							100	HORIZONTAL
	1300	820	3.4	740	5.2	685	7.1	580	9.2								
	1500	900	4.1	850	6.3	780	8.2	700	10.8								
SM-67	1100	509	2.5	464	4.2	431	5.9	402	7.5	377	9.2	354	10.9	333	12.6	100	VERTICAL/ HORIZONTAL
	1300	620	3.0	576	4.9	542	6.9	514	8.9	489	10.9	466	12.9	445	14.8		
	1500	732	3.4	688	5.7	654	8.0	626	10.3	601	12.6	578	14.8	557	17.1		
SM-610	1100	680	3.1	621	5.3	575	7.5	537	9.8	504	12.0	473	14.3	445	16.5	125	VERTICAL/ HORIZONTAL
	1300	829	3.6	770	6.3	725	8.9	687	11.6	653	14.2	623	16.9	595	19.5		
	1500	979	4.2	920	7.2	874	10.3	836	13.3	803	16.4	772	19.5	744	22.5		
SM-615	1100	1031	4.3	948	7.6	884	11.0	831	14.3							150	VERTICAL/ HORIZONTAL
	1300	1254	5.0	1171	9.0	1108	13.0	1054	16.9								
	1500	1478	5.8	1395	10.4	1332	14.9	1278	19.5								
SM-76	1100	669	3.1	634	5.2	606	7.2	583	9.3	563	11.4	545	13.4	528	15.5	100	VERTICAL/ HORIZONTAL
	1300	806	3.7	771	6.1	744	8.6	721	11.0	700	13.4	682	15.9	665	18.3		
	1500	944	4.3	908	7.1	881	9.9	858	12.7	838	15.5	819	18.3	802	21.1		
SM-78	1100	669	3.1	634	5.2	606	7.2	583	9.3	563	11.4	545	13.4	528	15.5	125	VERTICAL/ HORIZONTAL
	1300	806	3.7	771	6.1	744	8.6	721	11.0	700	13.4	682	15.9	665	18.3		
	1500	944	4.3	908	7.1	881	9.9	858	12.7	838	15.5	819	18.3	802	21.1		
SM-710	1100	1111	4.5	1050	7.9	1003	11.4	964	14.8	99	18.2	898	21.6	869	25.1	125	VERTICAL/ HORIZONTAL
	1300	1340	5.3	1279	9.4	1232	13.4	1193	17.5	1158	21.5	1127	25.6	1098	29.6		
	1500	1569	6.1	1508	10.8	1461	15.5	1422	20.2	1387	24.8	1355	29.5	1327	34.2		
SM-713	1100	1440	5.5	1360	10.0	1298	14.4	1245	18.9	1199	23.3	1158	27.8	1120	32.3	150	VERTICAL/ HORIZONTAL
	1300	1738	6.5	1657	11.8	1595	17.1	1543	22.3	1497	27.6	1455	32.9	1417	38.1		
	1500	2035	7.5	1954	13.6	1892	19.7	1840	25.8	1794	31.8	1752	37.9	1714	44.0		
SM-717	1100	1885	7.2	1780	13.1	1699	18.9	1630	24.7							200	VERTICAL/ HORIZONTAL
	1300	2274	8.5	2169	15.4	2088	22.3	2019	29.2								
	1500	2664	9.9	2558	17.8	2477	25.8	2409	33.7								
SM-812	730	1007	5.3	944	8.5	896	11.6	856	14.8	820	18.0	788	21.1	758	24.3	150	VERTICAL
	960	1372	7.0	1309	11.2	1261	15.3	1221	19.5	1185	23.6	1153	27.8	1123	31.9		
	1440	2133	10.5	2071	16.7	2023	23.0	1982	29.2	1946	35.4	1914	41.6	1184	47.9		
SM-816	730	1342	6.4	1259	10.6	1195	14.8	1141	19.0	1093	23.2	1050	27.4			200	VERTICAL
	960	1829	8.4	1745	13.9	1681	19.5	1627	25.0	1580	30.5	1537	36.1				
	1440	2844	12.6	2761	20.9	2697	29.2	2643	37.5	2595	45.8	2552	54.1				
SM-820	730	1678	7.4	1574	12.7	1494	18.0	1426	23.2							200	VERTICAL
	960	2286	9.8	2182	16.7	2102	23.6	2034	30.5								
	1440	3555	14.7	3451	25.0	3371	35.4	3303	45.8								
SM-1012	730	1721	8.1	1614	13.5	1532	18.9	1463	24.3	1402	29.7	1346	35.1	1290	38.2	200	VERTICAL
	960	2345	10.7	2238	17.8	2156	24.9	2086	32.0	2025	39.1	1970	46.1	1612	49.3		
	1440	3647	16.0	3539	26.7	3457	37.3	3388	47.9	3327	58.6	3272	69.2	2980	73.5		
SM-1016	730	2313	10.0	2169	17.2	2052	24.5	1965	31.7	1883	39.0	1809	46.2	1750	48.3	250	VERTICAL
	960	3151	13.1	3007	22.6	2897	32.2	2804	41.7	2722	51.2	2647	60.8	2500	63.5		
	1440	4900	19.7	4756	34.0	4646	48.3	4553	62.6	4471	76.9	4397	91.2	4217	92.3		
SM-1020	730	2958	12.0	2774	21.3	2633	30.5	2514	39.8	2049	49.1	2314	58.4			250	VERTICAL
	960	4030	15.8	3846	28.0	3705	40.2	3586	52.4	3481	64.5	3386	76.7				
	1440	6268	23.7	6083	42.0	5942	60.2	5823	78.5	5718	96.8	5623	115.1				
SM-1024	730	3475	13.6	3258	24.5	3092	35.4	2953	46.3	2829	57.2					300	VERTICAL
	960	4734	17.9	4518	32.2	4352	46.5	4212	60.9	4089	75.2						
	1440	7361	26.9	7145	48.3	6979	69.8	6840	91.3	6716	112.8						

Roots Blowers & Vacuum Blowers



FOLLOW US



Contact us :

📍 SHIKHA BLOWERS

11, Opp. Sector-2, Near Mount View School, PDM Road,
Bahadurgarh-124507, Distt. Jhajjar (HR)

☎ +91 8770291125, 8517037255

✉ shikhablowers@gmail.com

🌐 www.shikhablowers.com