

Performance Chart: Tri Lobes Roots Blowers

- Performance Ranges**
- Shaft Power - 1 HP to 750 HP
 - Capacity - 32 M3/hr to 22000 M3/hr
 - Pipe Size - 40NB to 400NB
 - Speed - 900 RPM to 1800 RPM

TYPE	mmWG	1000		2000		3000		4000		5000		6000		7000		8000		9000		10000		11000		12000	
		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	M3/hr	BKW	M3/hr
3MTL - 032	1650	20	0.19	16	0.27	13	0.36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2550	38	0.29	34	0.42	30	0.56	27	0.69	24	0.83	22	0.97	-	-	-	-	-	-	-	-	-	-	-	-
3MTL - 40	1650	36	0.19	34	0.37	32	0.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2550	63	0.30	61	0.57	59	0.81	58	1.04	56	1.25	55	1.45	-	-	-	-	-	-	-	-	-	-	-	-
3MTL - 45	1250	59	1.22	47	1.32	42	1.41	36	1.55	32	1.66	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2250	139	1.90	131	2.06	124	2.23	116	2.43	110	2.65	105	2.92	100	3.39	-	-	-	-	-	-	-	-	-	-
3MTL - 50	1025	82	0.49	70	0.96	61	1.40	53	1.82	45	2.22	40	2.59	35	2.95	31	3.30	-	-	-	-	-	-	-	-
	1750	175	0.85	163	1.64	154	2.39	146	3.11	139	3.78	133	4.43	128	5.05	125	5.64	-	-	-	-	-	-	-	-
3MTL - 65	1025	160	0.75	150	1.46	138	2.12	129	2.76	121	3.36	114	3.93	108	4.48	101	5.00	-	-	-	-	-	-	-	-
	1750	310	1.28	300	2.49	289	3.63	279	4.71	271	5.73	263	6.71	257	7.65	251	8.55	-	-	-	-	-	-	-	-
3MTL - 80A	1000	217	1.16	198	2.21	181	3.17	164	4.05	150	4.87	137	5.64	125	6.34	114	6.99	-	-	-	-	-	-	-	-
	1800	469	2.07	450	3.91	433	5.70	416	7.30	402	8.78	389	10.14	377	11.41	367	12.59	-	-	-	-	-	-	-	-
3MTL - 80	1025	257	1.35	235	2.58	215	3.71	197	4.75	180	5.71	165	6.60	152	7.42	140	8.19	125	9.02	113	9.94	-	-	-	-
	1750	518	2.30	469	4.41	476	6.33	458	8.11	441	9.75	426	11.26	413	12.67	401	13.98	386	15.39	374	16.97	-	-	-	-
3MTL - 100	950	398	1.75	363	3.35	329	4.82	300	6.16	275	7.41	252	8.56	232	9.63	215	10.63	200	12.16	176	13.24	-	-	-	-
	1800	828	3.32	791	6.35	759	8.51	729	11.67	74	14.03	681	16.22	661	18.25	644	20.13	629	23.04	606	25.09	-	-	-	-
3MTL - 125A	750	491	2.06	449	3.94	411	5.67	376	7.25	346	8.72	318	10.07	291	11.33	269	12.51	251	14.13	236	15.38	-	-	-	-
	1650	1176	4.53	1134	8.66	1096	12.46	1061	15.95	1031	19.18	1002	22.16	977	24.94	954	27.53	936	31.09	921	33.84	-	-	-	-
3MTL - 125	1025	881	3.54	828	6.78	781	9.74	736	12.47	698	14.99	663	17.32	630	19.49	602	21.52	579	24.30	560	26.45	-	-	-	-
	1750	1576	6.05	1523	11.56	1475	16.63	1431	21.29	1393	25.59	1357	29.57	1325	33.28	1297	36.73	1274	41.48	1255	45.15	-	-	-	-
3MTL - 125 TMH	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	770	25.18	747	28.44	728	30.96	566	38.50	405.0	46.50
	1650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1201	34.63	1178	39.11	1159	42.57	995	53.00	835.0	59.50
3MTL - 150	1025	1139	4.57	1097	8.74	1058	12.56	1025	16.08	992	19.33	969	22.34	940	25.14	916	27.74	889	31.33	863	34.10	-	-	-	-
	1750	2034	7.80	1992	14.91	1954	21.43	1919	27.45	1887	33.00	1859	38.14	1835	42.91	1812	47.36	1785	53.49	1759	58.22	-	-	-	-
3MTL - 150 TMH	1200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1132	32.47	1105	36.67	1079	39.92	895	53.27	711.0	56.85
	1650	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1688	44.65	1661	50.43	1635	54.89	1367	63.78	1099.0	69.24
3MTL - 160	900	1254	5.10	1200	9.80	1151	14.10	1116	18.00	1067	21.60	1031	25.00	1001	28.10	971	31.00	937	35.00	903	38.20	-	-	-	-
	1650	2434	9.40	2381	17.90	2332	25.80	2288	33.00	2247	39.60	2210	45.80	2181	51.60	2151	56.10	2116	64.30	2084	69.90	-	-	-	-
3MTL - 200A	1000	1678	8.77	1615	16.14	1557	21.35	1514	23.75	1456	28.56	1413	33.00	1378	37.14	1342	41.00	1301	46.28	1261	50.39	-	-	-	-
	1750	3083	15.35	3019	28.24	2961	37.36	2909	41.56	2860	49.98	2817	57.76	2782	65.00	2747	71.74	2705	80.99	2666	88.18	-	-	-	-
3MTL - 200	950	1814	7.67	1751	14.67	1696	21.09	1646	27.01	1606	32.48	1570	37.54	1538	42.25	1513	46.64	1479	52.00	1451	56.60	-	-	-	-
	1500	3062	12.11	2998	23.17	2944	33.31	2894	42.65	2853	51.28	2817	59.28	2785	66.71	2760	73.64	2726	82.09	2699	89.36	-	-	-	-
3MTL - 250	1000	3049	12.33	2959	23.59	2880	33.92	2807	43.44	2741	52.23	2682	60.37	2630	67.94	2585	75.00	2512	83.61	2464	91.02	-	-	-	-
	1500	4782	18.50	4691	35.39	4612	50.89	4539	65.16	4474	78.34	4414	90.56	4363	101.90	4318	112.50	4244	125.42	4196	136.53	-	-	-	-
3MTL - 300A	900	4214	17.30	4073	33.10	3949	47.60	3835	60.90	3733	73.30	3641	84.70	3560	95.30	3490	105.20	3376	117.30	3301	127.70	-	-	-	-
	1600	7995	30.77	7854	58.85	7731	84.63	7617	108.36	7515	130.28	7422	150.60	7342	169.46	7271	187.09	7157	208.57	7082	227.05	-	-	-	-
3MTL - 300	900	5538	22.00	5331	39.00	5224	56.00	5124	72.00	5030	88.00	4957	103.00	4857	119.00	4804	133.00	4737	155.00	4670	171.00	-	-	-	-
	1500	9540	36.00	9336	65.00	9228	93.00	9126	119.00	9036	147.00	8958	172.00	8883	199.00	8808	222.00	8742	258.00	8676	284.00	-	-	-	-
3MTL - 301	600	3757	15.34	3537	27.50	3424	39.56	3318	50.68	3218	62.51	3140	73.19	3034	84.46	2977	94.38	2906	109.48	2836	120.79	-	-	-	-
	1500	10136	38.37	9920	68.74	9805	98.90	9696	126.76	9601	156.29	9518	182.96	9438	211.12	9359	235.98	9288	273.70	9218	301.96	-	-	-	-
3MTL - 350	900	9585	32.00	9226	64.00	9042	96.00	8868	128.10	8706	160.10	8579	192.10	8406	224.10	8314	256.10	8198	288.10	8082	320.10	-	-	-	-
	1500	16507	53.36	16154	106.71	15967	160.07	15790	213.42	15635	266.78	15506	320.14	15346	373.49	15240	426.85	15126	480.20	15011	533.56	-	-	-	-