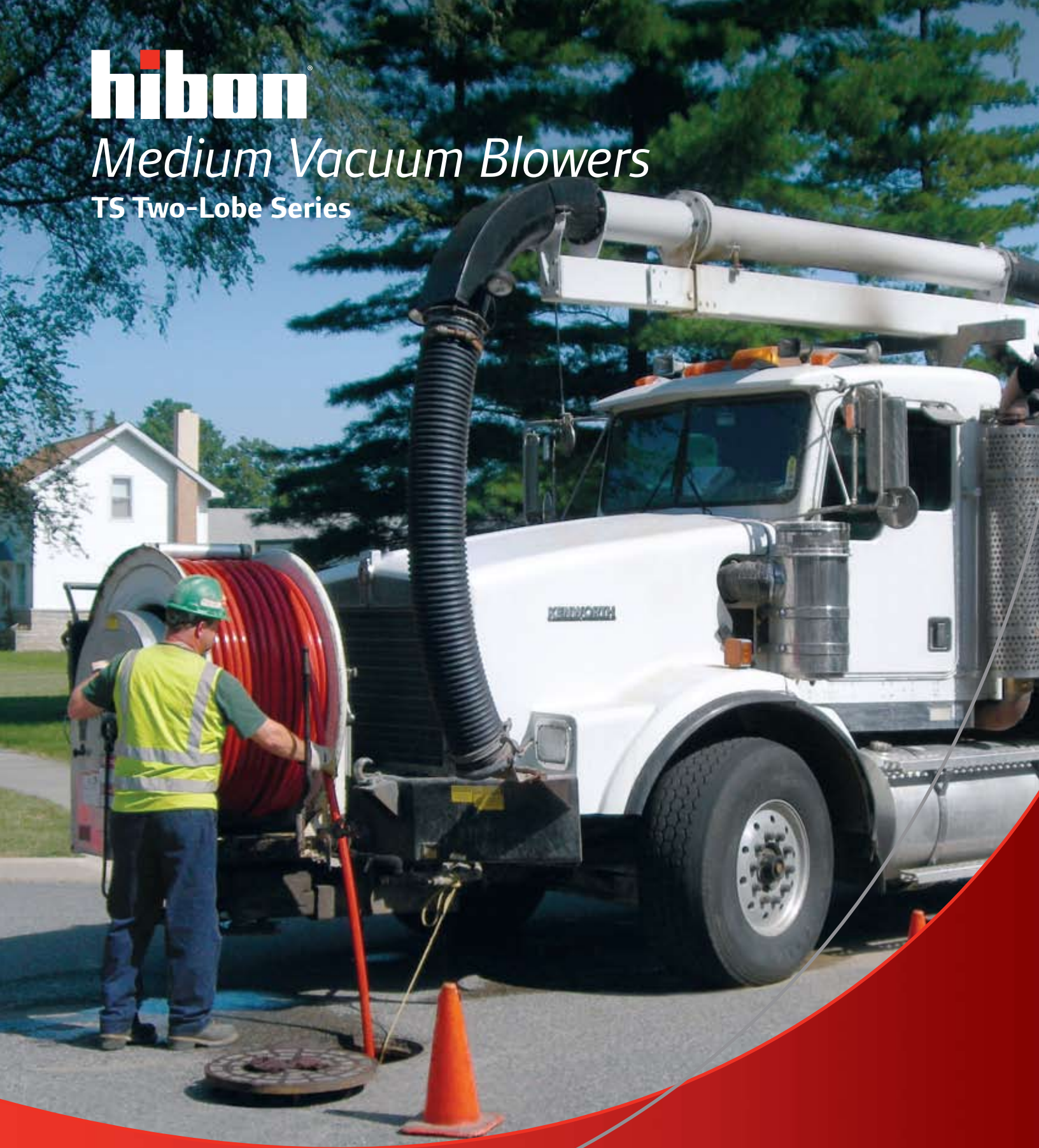


**hibon**

# *Medium Vacuum Blowers*

**TS Two-Lobe Series**



# TS Series Blowers

## Same Truck, More Lift!

Drop in a Medium Vacuum Blower from Ingersoll Rand Hibon and achieve 18" Hg of continuous duty vacuum without a cumbersome heat shroud.

TS Series Blowers are road-ready with intrinsic wash-down protection and our tri-seal shaft-sealing system to prevent leaks.

18" Hg at a competitive price, now that's something that will give you a lift!



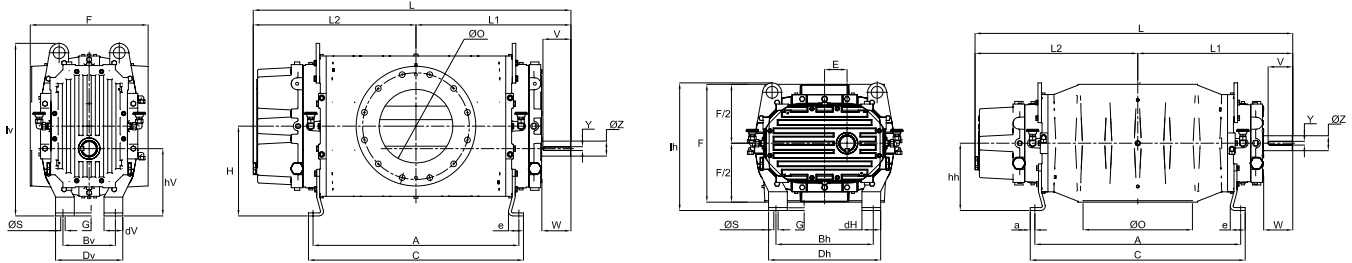
## Features and Benefits

- 18" Hg vacuum is standard.
- Tri-seal shaft sealing system.
- Centrally timed.
- Robust road tested design.
- Washdown protection package.
- No cumbersome heat shield required.
- Rugged bulls eye sight glasses.

## Applications

- Mobile waste handling units, industrial, municipal, wet and dry.
- Pneumatic conveying (fly ash, chemicals, pharmaceuticals, etc).
- Central vacuum systems (packaging, envelope manufacturing, etc).
- Deaeration (chemical, plastics, brick and ceramics, etc.).
- Hydro Excavation

# Dimensions of Bare Shaft Units



Measurement Table

Model		A	a	Bv	Bh	C	Dv	Dh	dv	dh	E	e	F	G	H	hv	hh	lv	lh	L	L1	L2	O Dia	S Dia	V	W	Y	Z Dia	Weight Lb
TS32MV18	in	27,50	0,61	7,00	13,00	28,74	8,97	14,97	2,50	2,50	3,00	2,00	15,77	0,39	12,00	9,00	9,00	23,13	17,70	42,35	20,70	21,65	9,84	0,55	3,74	3,90	0,50	2,00	1036
	mm	698,5	15,5	177,8	330,2	730,0	227,8	380,2	63,5	63,5	76,2	50,8	400,5	10,0	304,8	228,6	228,6	587,5	449,58	1075,69	525,78	549,91	250	14	94,99	99,06	12,7	50,8	
TS56MV18	in	28,00	2,00	15,00	23,00	30,47	20,70	28,07	5,00	5,00	4,00	2,62	18,90	0,47	13,99	10,00	10,00	28,11	20,11	46,78	22,45	24,33	11,61	1,00	4,48	4,70	0,62	2,75	1466
	mm	711,2	50,8	381,0	584,2	773,9	525,8	713,0	127,0	127,0	101,6	66,5	480,1	12,0	355,4	254,0	254,0	714,0	510,8	1188,2	570,2	618,0	295,0	25,4	113,8	119,4	15,9	69,9	

# Vacuum Performance Data

Blower	Speed (rpm)	Vacuum											
		10%		20%		30%		40%		50%		60%	
		3" Hg		6" Hg		9" Hg		12" Hg		15" Hg		18" Hg	
		CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
		m3/h	KW	m3/h	KW	m3/h	KW	m3/h	KW	m3/h	KW	m3/h	KW
TS 32 (3540 cfm*)	1500	1478	13	3382	25	1260	35	1140	45	1080	18	3360	71
		2511	9	5746	19	2141	26	1937	34	1835	13	5709	53
	2000	2067	17	2980	33	1860	47	1740	61	1680	58	2760	93
		3511	12	5063	24	3160	35	2956	45	2854	43	4689	69
	2500	2656	21	2578	40	2460	58	2340	77	2280	98	2160	115
		4512	16	4380	30	4180	43	3976	57	3874	73	3670	86
2750	2950	23	2377	44	2760	64	2640	85	2580	118	1860	126	
	5012	17	4039	33	4689	48	4485	63	4383	88	3160	94	
3000	3244	25	2176	48	3060	70	2940	93	2880	138	1560	137	
	5512	19	3697	35	5199	52	4995	69	4893	103	2650	102	
3200	3480	27	2015	51	3300	75	3180	99	3120	154	1320	146	
	5913	20	3424	38	5607	56	2371	74	5301	115	2243	109	
TS 56 (5000 cfm*)	1250	2316	19	2177	34	2100	52	1926	68	1777	83	1423	101
		3934	14	3699	26	3568	38	3272	51	3019	62	2417	76
	1500	2827	22	2691	41	2600	62	2440	82	2291	100	1937	120
		4803	17	4573	31	4417	46	4146	61	3893	75	3291	89
	1750	3338	26	3206	49	3100	73	2954	95	2806	117	2451	139
		5671	19	5447	36	5267	54	5019	71	4767	87	4165	103
2000	3849	29	3720	56	3600	83	3469	109	3320	133	2966	158	
	6539	22	6320	42	6116	62	5893	81	5641	99	5039	117	
2250	4360	33	4234	63	4100	94	3983	123	3834	150	3480	176	
	7408	25	7194	47	6966	70	6767	92	6514	112	5913	131	
2400	4667	35	4543	67	4400	100	4291	131	4143	160	3789	188	
	7929	26	7718	50	7476	75	7291	98	7039	119	6437	140	

\* Free air displacement at maximum speed.

Performance data is based on an inlet temperature of 68°F at sea level.

TS Series blowers are also capable of operating in pressure mode. Please refer to the factor for performance curves.



# hibon® Lube

- Use Hibon Lube regularly in your TS Series blowers to insure optimum performance and maximum life.
- Each 1 Liter bottle of Hibon Lube is furnished with convenient peel-off labels that can be used as reminders for the next oil change.
- Part Number: Lube-46086567 (English), Lube-46431870 (French)



Ingersoll Rand Industrial Technologies provides products, services and solutions to enhance the efficiency and productivity of our commercial, industrial and process customers. Our innovative products include air compressors, air systems components, tools, pumps, material and fluid handling systems and microturbines.

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[www.hibon.com](http://www.hibon.com)

**Ingersoll Rand Air Solutions France**  
2 rue Jean Paul Sartre  
59290 Wasquehal  
France

Tel: (33) 03 20 45 39 39  
Fax: (33) 03 20 45 39 97

**Hibon Inc.**  
(An Ingersoll Rand Company)  
12055, Cote de Liesse  
Dorval, Quebec  
Canada, H9P 1B4

Tel : (514) 631-3501  
Fax : (514) 631-3502

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