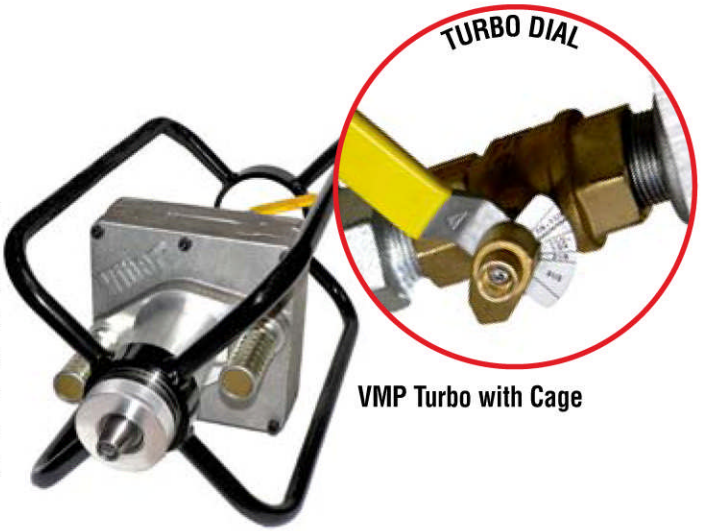
Viber® Pneumatic Power Unit

The ONLY pneumatic vibrator that uses standard flex drives and heads! Tolerates dirty air and harsh environments.



VMP Turbo with Cage

Do you have dirty air, a harsh environment, and no lubrication? Try our new revolutionary turbine vibrator! It tolerates dirty air and requires no lubrication. How many times have you had to stop a job because your air power tool or air motor was choked off by dirt? Unlike standard vane-driven air motors, which typically seize when dirt is present - "dirty air" passes easily through the turbine wheel, so the VMP Turbo is perfect for harsh environments. What about your tools that need lubrication and stop working because the oil reservoir is never filled? The patented VMP Turbo needs no lubrication saving you the hassle and expense of in-line oilers.

The new patented VMP Turbo is designed for use with standard shafts and heads; unlike other pneumatic vibrators which require special heads and hoses. The VMP develops 2.2 HP at 100 cfm and is compatible with shaft lengths up to 35′ and heads up to 2-1/2″ diameter.

The unique Turbo setting design allows the operator to adjust the VMP for **any** size vibrator head. Simply adjust the **Turbo Dial** to the head size you are using to ensure accurate force and frequency.

VIBER® PNEUMATIC POWER UNIT

PART #	MODEL #	MAX AIR FLOW	HORSE-POWER	MAX HEAD SIZE	NET WT LBS
911211	**VMP TURBO w/Cage**	100 CFM	2.2 HP	2-1/2"	17.6
911212	**VMP TURBO w/Handle**	100 CFM	2.2 HP	2-1/2"	14.7

Quick Disconnect fitting is built into the design. To attach the Flex Drive to the VMP power unit, order a Flex Drive with a 'Drive Fitting' or order the Drive Fitting separately.

VMP TURBO AIR REQUIREMENTS

HEAD TYPE	HEAD SIZE	PSI	CFM
STEEL TIP or RUBBER TIP	7/8"	30	35
	1"	30	35
	1-1/4"	35	40
	1-1/2"	35	40
	2-1/8"	65	65
	2-1/2"	80	85
POLLY HEADS	1-3/4"	35	40
	2"	45	50
SPECIAL PURPOSE	7/8"	30	35
	7/8" LF	30	35
	2-1/8" SP	35	40

PERFORMANCE DATA FOR POWER UNITS & INTERCHANGEABLE HEADS

								VMP TURBO		VMG-2500BP		VMG-1750HH VMG-1750BP	
Part #	Model #	Size Dia.	Head Length	Weight	Unbalance	Amplitude Peak-to-Peak	Radius of Action	Speed	Force	Speed	Force	Speed	Force
		IN	IN	LBS	LB-IN	IN	IN	RPM	LBS	RPM	LBS	RPM	LBS
STANDARD HEADS - STEEL TIP OR RUBBER TIP													
950014	VH14	7/8	11.94	1.40	.029	.04	4.6	12,000	119	12,670	132	10,000	82
950016	VH16	1	12.45	2.10	.028	.03	5.0	12,000	115	12,670	128	10,000	80
950020	VH20	1-1/4	12.19	3.00	.092	.06	7.5	12,000	376	12,670	419	10,000	261
950024	VH24	1-1/2	12.04	4.20	.162	.08	9.5	12,000	663	12,670	739	10,000	460
950028	VH28	1-3/4	12.05	5.80	.200	.07	11.0	12,000	818	12,670	912	10,000	568
950034	VH34	2-1/8	12.30	8.80	.355	.08	14.0	12,000	1,452	12,670	1618	not recommended	
950040	VH40	2-1/2	13.52	14.00	.571	.08	18.0	12,000	2,335	11,500	2145	not recommended	
POLLY HEADS													
950328	VH28-PH	1-3/4	13.25	4.65	.162	.07	10.0	12,000	663	12,670	739	10,000	460
950332	VH32-PH	2	13.40	6.35	.200	.06	12.0	12,000	818	12,670	912	10,000	568
SPECIAL PURPOSE HEADS													
950014	VH14-ST	7/8	11.95	1.4	.029	.04	4.6	12,000	119	12,670	132	10,000	82
951014	VH14-LF	7/8	9.95	1.10	.017	.03	5.6	12,000	70	12,670	78	10,000	48
952034	VH34-SP	2-1/8	5.84	3.80	.168	.09	14.0	12,000	687	12,670	766	10,000	477

The speed provided above is an approximation of the head speed in concrete with power unit at maximum throttle. The VMG-2500BP Gasoline Engine Backpack Power Unit operates at a maximum of 12,670 rpm. The VMG-1750 Gasoline Engine Unit operates at a maximum of 10,000 rpm. The speed provided is an approximation of the head speed in concrete for the specified motor-head combination. The actual speed will vary depending on temperature, consistency of the concrete, the power unit's condition, the hours on the bearings, etc...