

MACH® EXTERNAL VIBRATORS



Designed for Performance

The Mach vibrator is a high frequency, low amplitude external concrete vibrator. The design of the Mach vibrator is unique. It requires no bearings and contains only three moving parts, keeping maintenance to a minimum. The air hose will fit on either side of the vibrator without changing rotation. Exhaust air is vented into the bracket, not through the end caps, for quieter operation and to protect internal parts from contamination. These design features make the Mach vibrator both durable and reliable.

The Mach 5500 vibrator is the best model for most precast/prestressed applications. The vibrator can also be assembled with interchangeable roller weights to change the performance of the vibrator.



Mounting Options

The Mach vibrator can be ordered with a cradle lug bracket that can be permanently welded to the outside of a form. A steel mounting plate is also available to bolt the vibrator in place. Mach vibrators are used on Hamilton Form's High Energy™ vibratory screeds, added to Utility Machines and used with the Vibrotrack™ vibration systems.

VIBRATOR PERFORMANCE DATA*

	UNBALANCE	40 PSI			60 PSI			80 PSI		
		SPEED VPM	FORCE LBS.	CFM	SPEED VPM	FORCE LBS.	CFM	SPEED VPM	FORCE LBS.	CFM
MACH 1										
MACH®1-4400	.6	13600	3154	49	16000	4365	58	18000	5525	67
MACH®1-5000	.9	12400	3933	49	15000	5754	58	17000	7391	66
MACH®1-5500	1.2	11200	4277	49	14000	6683	58	15800	8513	66
MACH®1-6000	1.5	10800	4972	49	13000	7204	58	14600	9086	65
MACH®1-6500	1.8	9000	4143	51	12000	7365	57	13000	8644	65

*Data derived from actual performance testing with vibrator attached to 5500 lb. test block. Performance will vary slightly among individual vibrators. Frequency and force will decrease on less rigid mount.

For more information, contact Hamilton Form Company: phone 817 590-2111 or e-mail: sales@hamiltonform.com



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Custom forms. Custom equipment. Practical solutions.

