



System Selection Guide

Application	Slump	Space Limitations	Head Diameter	Radius of-Action	Power Units
Block Walls & Small Diameter Fills: Plastic and flowing concrete for very thin members & walls & confined places.	> 3"	2.5" x 2.5"	$\frac{7}{8}$ " VH 14	5"	VMK-1500
					VMP TURBO
					VMG-1750BP/HH
					VMG-2500BP
Thinnest Prestressed Sections: Plastic and flowing concrete for very thin members & walls & confined places.	>3"	3" x 3"	1" VH 16	5"	VMK-1500
					VMP TURBO
					VMG-1750BP/HH
					VMG-2500BP
Thin Prestressed Sections: Plastic concrete in thin walls, columns, beams, precast piles, thin slabs, and along construction joints.	3 - 5"	3.25" x 3.25"	$1\frac{1}{4}$ " VH 20	7"	VMK-1500
					VMK-2500
					VMK-2750
					VMP TURBO
					VMG-1750BP/HH
Thin Wall Sections and General Use: Plastic concrete in thin walls, columns, beams, precast piles, thin slabs, and along construction joints.	3 - 5"	3.5" x 3.5"	$1\frac{1}{2}$ " VH 24	13"	VMK-1500
					VMK-2500
					VMK-2750
					VMP TURBO
					VMG-1750BP/HH
General Use: Plastic & stiff plastic concrete in general construction such as walls, columns, beams, pre-stressed piles, and heavy slabs.	2 - 4"	3.75" x 3.75"	$1\frac{3}{4}$ " VH 28	17"	VMK-2500
					VMK-2750
					VMK-3500
					VMP TURBO
					VMG-1750BP/HH
Stiff Low-Slump Concrete: Stiff plastic concrete in general construction such as walls, columns, beams, pre-stressed piles, and heavy slabs.	1 - 3"	4" x 4"	$2\frac{1}{8}$ " VH 34	21"	VMK-2750
					VMK-3500
					VMP TURBO
					VMG-2500BP
Stiffest Low-Slump Concrete: Mass and structural concrete deposited in relatively open forms.	< 2"	5" x 5"	$2\frac{1}{2}$ " VH 40	24"	VMK-2750
					VMK-3500
					VMP TURBO
					VMG-2500BP
Shallow Pours: Plastic & stiff plastic concrete in slabs and other shallow pours less than 12" thick.	2-4"	4" x 4"	$2\frac{1}{8}$ " VH 34-SP	13"	VMK-1500
					VMK-2500
					VMP TURBO
					VMG-1750BP/HH
ICF Applications: Plastic and flowing concrete for very thin members & walls & confined places where insulated concrete forms are used.	> 4"	2.5" x 2.5"	$\frac{7}{8}$ " VH 14-LF	4"	VMK-1500
					VMP TURBO
					VMG-1750BP/HH
					VMG-2500BP

All **Flex Drive Lengths** are compatible with any system except the gasoline powered VMG-1750BP & VMG-2500BP. A 7' flex drive or longer is recommended to be used with the backpack units. You need enough of a loop in the flex drive to reach the back of backpack were the motor is. Flex Drives come in 1', 3', 5', 7', 10', 14', & 21' lengths. Two flex drives can be coupled together to extend the length using the Viber VCP Coupling. The standard Flex Drives are 1 $\frac{1}{16}$ " in diameter. There is a $\frac{7}{8}$ " diameter flex drive for the $\frac{7}{8}$ " Head.

