



**Advanced Concrete Motor Technology.
Superior Performance.**



Electric Motor Vibrators

Sure Speed® Electric Motor Vibrator

Advanced electric motor vibrator technology

Consolidating today's advanced mix designs can be challenging for even the most experienced concrete contractor. Keeping defects out of your mix once the forms are removed is a great way to minimize patching and finishing costs. The Sure Speed electric motor vibrator maintains the vibrator head at a steady speed in the consolidation process, regardless of slump, load, shaft or head size.

Featuring a rugged motor housing, the Sure Speed vibrator provides a consistent and even concrete finish that prolongs surface life. The Sure Speed vibrator meets the highest safety standards in the industry – UL60745-2-12 Electrical Certification, cUL, CE Listed to ensure job site safety as well as OSHA 29 CFR 1910.95 compliance for noise levels.

- Drives any head and shaft combination – one motor for all your consolidation needs
- Conforms to current UL and OSHA regulations for safety
- Adapts to slump automatically and controls motor output for great results
- Requires less power consumption – uses only the energy necessary for job completion



Testimonials:

"The Wyco Sure Speed has improved our product by decreasing air holes as well as improved the surface's overall appearance. The efficiency of the Wyco Sure Speed motor has also enabled our company to minimize labor hours."

Ryan Shirk, Production Manager, Coreslab Structures Inc.

"We used the newly developed Sure Speed concrete vibrator on our planter walls and approach slabs. During the process, we noticed a significant reduction of air pockets and bug holes in our planter walls. This resulted in both a better finished product and less point and patching work. We also had faster consolidation and our people had less fatigue due to the lightweight design."

Blake Anderson, Superintendent, PCL Civil Southeast

"Over the last several months our concrete results have been the best we have seen. The near absence of surface flaws and imperfections has resulted in substantial savings in labor, time and materials. Congratulations on developing what is truly a major improvement in concrete vibrators and consolidation."

Leroy King, Project Director, Cantera Concrete Company



Results with the Wyco Sure Speed providing controlled speed vibration



Results from a standard industry vibrator overspeeding

994 Electric Motor Vibrator

Legendary Wyco performance in a package that meets NEW UL standards

The NEW 994 electric motor vibrator builds on the legacy of the rugged and reliable 992A and 993. The 994 was designed to incorporate the latest features from our Sure Speed line, including a rugged molded motor enclosure, durable electric switch and easy-to-service motor brushes.

With all the features you expect on the job site, the 994 is ready to tackle your toughest consolidation jobs. The 994 meets the highest safety standards in the industry – UL60745-2-12 Electrical Certification, cUL, CE Listed to ensure job site safety as well as OSHA 29 CFR 1910.95 compliance for noise levels.

- Drives any head and shaft combination – one motor for all your consolidation needs
- Conforms to current UL and OSHA regulations for safety
- Powers through your most challenging concrete applications



Wyco Square Head Technology for the Best Results

Wyco Tool invented and patented Square Head vibrator technology in 1962 and has continued to improve the technology. The Wyco Square Head provides consistently great finishes, while providing greater durability and easier to use operating characteristics. Try a Wyco Square Head today and see the benefits for yourself.


- Finishes the job faster because the Square Head has up to 27 percent more surface area than a roundhead
- Consolidates concrete up to 50 percent faster due to its unique orbit pattern
- Offers longer head life than other designs because every Square Head is machined from solid bar stock and hardened for extra durability, eliminating flimsy threaded head caps, and has more material in the corners so that heads run cooler and last longer




Square Head Performance Specifications










Size Square Head	Width of Vibration**	Head Sizes Equivalent Round	Force in lbs @ 10,500 rpm
13/16 in.	5...8 in.	1 in.	138
1 in.	7...10 in.	1-5/16 in.	310
1-3/8 in.*	9...13 in.	1-3/4 in.	720
1-3/4 in.	11...17 in.	2-1/4 in.	1150
2 in.*	13...22 in.	2-1/2 in.	1511
2-1/4 in.	5...28 in.	2-7/8 in.	1983
2-1/2 in.* Short Head for shallow pours			
*Available polyurethane coated **Varies w/aggregate and slump			

Vibrator Motor Selection

SURE SPEED	Part No.	Amps	Description	Vibrator Speed
	WSD1T	15	2-Wire Double Insulated Constant Speed – 115V	10,500
	WSG1T	15	3-Wire Grounded Constant Speed – 115V	10,500
	WVD1T	15	2-Wire Double Insulated Variable Speed – 115V	8,000/10,500/12,000
	WVG1T	15	3-Wire Grounded Variable Speed – 115V	8,000/10,500/12,000
	WVG2T	7.5	3-Wire Variable Speed – 230V	8,000/10,500/12,000
	WSG1-TWT	15	3-Wire Grounded Constant Speed w/Twist Lock Plug	10,500
	WSG2T	7.5	3-Wire Grounded Variable Speed – 230V	10,500

994	Part No.	Amps	Description
	W994D1T	15	2-Wire Double Insulated – 115V
	W994G1T	15	3-Wire Grounded – 115V
	W994G1-TWT	15	3-Wire Grounded – 115V w/Twist Lock Plug
	W994G2T	7.5	3-Wire Grounded – 230V

Shaft and Head Selection

Shaft (Core & Casing) (2, 5, 7, 10, 14 and 20 ft Sections)	Head
<div>  <p>W988-Series</p> </div>	13/16 in.  SQUARE HEAD W877-520
	1 in.  SQUARE HEAD W877-526
<div>  <p>W989-Series</p> </div>	1-3/8 in.  SQUARE HEAD W878-533
	1-3/4 in.  SQUARE HEAD W878-540
	2 in.  SQUARE HEAD W878-563
	2-1/4 in.  SQUARE HEAD W878-568
	2-1/2 in.  W877-512

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VBR-BR-00241-EN-01 (July 2013)