



Stay in **COMPLIANCE**
with this year's NEW UL code

SureSpeed™ Electric Motor Vibrator

The Most Advanced Electric Motor Vibrator Available, Now NEW and Improved

Consolidating today's advanced mix designs can be a challenge for even the most experienced concrete contractor. Keeping defects out of your mix once the forms are removed is a great way to keep patching and finishing costs down and profits up. The SureSpeed eliminates one of the key variables in consolidation by keeping the vibrator head running at the same speed, regardless of slump, load, shaft or head size.

And now, the SureSpeed is an even better value! With new features including a tool-less, cast quick disconnect and a more rugged motor housing design, the SureSpeed will provide better finished concrete now and long into the future. The SureSpeed also meets the highest safety standards in the industry – with UL 60745 Electrical Certification and OSHA 29 CFR 1919.95 for noise levels.

SureSpeed Benefits:

- One motor for all your consolidation needs - drives any head and shaft combination
- Conforms to all current UL and OSHA regulations for safety
- Smart Speed Control automatically assesses slump and adapts motor output for great finished results
- Cast quick disconnect for fast and easy head and shaft changes without tools
- Lightweight, powerful, ergonomic design that's built to last



NEW motor design conforms to all current safety regulations

Standard threaded connector and adapter available for threaded shafts.



Quick-disconnect for fast and easy head and shaft changes, without tools!



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SureSpeed™

Testimonials:

“The Wyco Sure Speed has improved our product by decreasing air holes as well as improved the 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 left a better finished product and less work for the point and patching. We also found on our approach slabs we had faster consolidation and less fatigue on our people due to the lightweight design.”

-Blake Anderson, Superintendent, PCL Civil Southeast

Operating Principles:

Since the original design of the flex shaft vibrator 50 years ago, the product has had little dynamic changes to overcome speed compatibility issues with today's mix design consistencies. Over the past 10 years concrete mixes contain larger amounts of plasticizers to enable pumping operations and flow around high rebar concentrations. Applying high vibrator speed found in the industry today to these mixes that are prone to bleeding usually results in form face surface defects.

Sure Speed's unique design controls vibrator speed and lowers the amount of concrete bleeding, reduces harmful loss of air entrainment, and concrete segregation due to over vibrating. Sure Speed allows the operator to be in control of the process by eliminating the speed variations inherent with existing vibrators affected by motor size, head size, and shaft length.



Results with Sure Speed controlled speed vibration



Results from standard industry vibrator over speeding

Electric Flex Shaft Vibrators and Components

Sure Speed™ Electric Motor

One motor drives any combination of shaft and head size and maintains uniform speed. Quick Disconnect Standard.



Part #	Amps	Description	Vibrator Speed
WSD1	15	2 Wire - Double Insulated Constant Speed -115v	10,500
WSG1	15	3 Wire Grounded Constant Speed -115v	10,500
WVD1	15	2 Wire Double Insulated Variable Speed -115v	8,000/10,500/12,000
WVG1	15	3 Wire Grounded Variable Speed -115v	8,000/10,500/12,000
WSG1-TW	15	3 Wire Grounded Constant Speed w/Twist Lock Plug	10,500
WSG2	15	3 Wire Grounded Constant Speed - 230v	10,500

994 Electric Vibrator

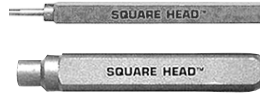
The 994 (12 amp motor) will drive four head sizes: $\frac{13}{16}$ " , 1" , $1\text{-}\frac{3}{8}$ " , and $1\text{-}\frac{3}{4}$ " , 2" , $2\text{-}\frac{1}{4}$ " , and the $2\text{-}\frac{1}{2}$ " SBI short head. Optional polyurethane coated heads are also available to protect and maintain the integrity of epoxy coated rebar.



Flexible Shafts (Core & Casing)



Square Heads



Length	Part#	Part #	Size	Additional Heads
2'	W988-902			W877-551 1" Round
5'	W988-905			W877-512 2-1/2" x 4"
7'	W988-907			W878-534 1-3/4" Poly
10'	W988-910	W877-520	$\frac{13}{16}$ "	W878-566 2.38" Poly
14'	W988-914		Length: 13" Wt.: 1.6 lbs.	W872-513 2.88"x 4 Poly
20'	W988-920			
2'	W988-902			
5'	W988-905			
7'	W988-907			
10'	W988-910	W877-526	1"	
14'	W988-914		Length: 13" Wt.: 2.5 lbs.	
20'	W988-920			
2'	W989-502			
5'	W989-505			
7'	W989-507			
10'	W989-510	W878-533	$1\text{-}\frac{3}{8}$ "	
14'	W989-514		Length: 14-1/2" Wt.: 5.4 lbs.	
20'	W989-520			
2'	W989-502			
5'	W989-505			
7'	W989-507			
10'	W989-510	W878-540	$1\text{-}\frac{3}{4}$ "	
14'	W989-514		Length: 12-7/8" Wt.: 7.6 lbs.	
20'	W989-520			
2'	W989-502			
5'	W989-505			
7'	W989-507			
10'	W989-510	W878-563	2"	
14'	W989-514		Length: 13" Wt.: 9.4 lbs.	
20'	W989-520			
2'	W989-502			
5'	W989-505			
7'	W989-507			
10'	W989-510	W878-568	$2\text{-}\frac{1}{4}$ "	
14'	W989-514		Length: 14" Wt.: 11.6 lbs.	
20'	W989-520			



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Introducing the NEW 994 Electric Motor Vibrator

Legendary Wyco Performance in a Package that Meets the NEW UL Standards

The NEW 994 electric motor vibrator builds on the legacy of the rugged and reliable 992A and 993 series. With all the features you expect on the jobsite, the 994 is ready to tackle your toughest consolidation jobs. The 994 was designed to incorporate the latest features from our SureSpeed™ line, including a cast quick-disconnect, rugged molded motor enclosure, durable electrical switch, and easy-to-service motor brushes.

The 994 also meets the highest safety standards in the industry – with UL 60745 Electrical Certification and OSHA 29 CFR 1919.95 for noise levels.

994 Benefits:

- One motor for all your consolidation needs - drives any head and shaft combination
- Conforms to all current UL and OSHA regulations for safety
- High-efficiency design powers through your most challenging head and shaft combinations
- Cast quick disconnect for fast and easy head and shaft changes without tools
- Lightweight, powerful, ergonomic design that's built to last

Available this Summer!



NEW motor design conforms to all current safety regulations

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