



# STOW Concrete Vibrators

Flex Shaft Models

# STOW



# STOW Flex Shaft Concrete Vibrators

Two shaft diameters and seven power heads allow you to match the equipment to the job.



Inner core is wound from high carbon spring wire to resist unraveling and stretching

Available shaft lengths: 2', 5', 7', 10', 12', 14', 18', 21'

Coiled flat wire reinforcement keeps the shaft from kinking

Forged eccentrics mounted on high speed ball bearings

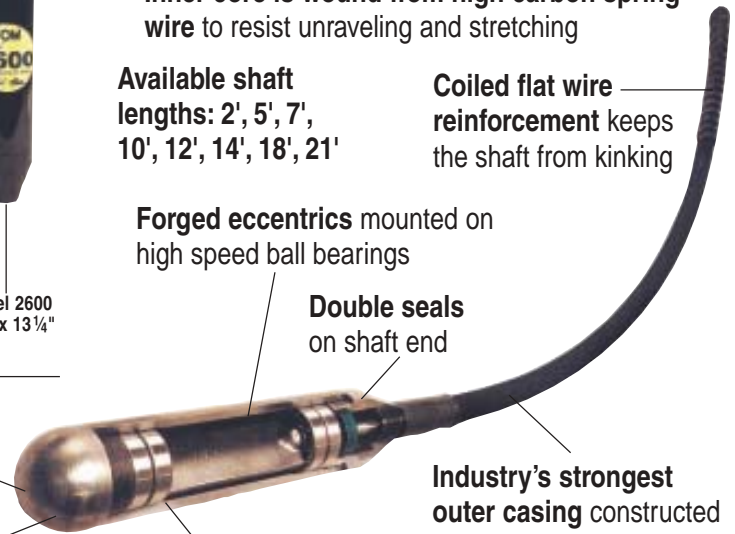
Double seals on shaft end

Round head radiates vibrations in all directions

Case hardened tip for extra durability

Extra thick shell (up to 0.280") resists wear

Industry's strongest outer casing constructed of steel flat wire covered by alternating layers of wire mesh, fabric and rubber



## Stow's state-of-the-art motors...

UL and CSA approved



Three easy-to-grip extruded handles have plenty of room for leather work gloves

Double-insulated 1-, 2-, and 3-horsepower motors — molded in safety yellow for visibility

Handles are fixed in rubber motor ends, absorbing the shock if the motor is dropped

Super-tough Zenoy Resin housing — concrete won't adhere to it

Easy shaft changes — half-twist quick disconnect knob on shaft connector will lock in the open position, making it easier to change the shaft.



Innovative triangular package allows the motor to always lay flat on the ground

**Everything about Stow's SV motors is state-of-the-art. These 1-, 2- and 3-horsepower units are innovative, lightweight and durable. Choose from 115 and 230 volt capabilities. Any way you go, Stow gets the job done better and in less time.**

*The new Stow SV-series vibrators are fully compatible with previous DI- and ER-series vibrators.*



**Flow-through cooling** — air from the rear is released through the front, eliminating any vacuum



**Easy brush maintenance** — oversize caps require no tools

**115 VOLTS**

# SV-1

1 Horsepower — 115V, 10 Amp  
Use with 7/8" to 1 1/8" heads  
Designed for Model 314V shafts

**115 VOLTS**

# SV-2

2 Horsepower — 115V, 15 Amp  
Use with 1 3/8" to 2 1/8" heads  
Designed for Model 314V and 382V shafts

**230 VOLTS**

# SV-2E

2 Horsepower — 230V, 7.5 Amp  
Use with 1 3/8" to 2 1/8" heads  
Designed for Model 314V and 382V shafts

**115 VOLTS**

# SV-3

3 Horsepower — 115V, 20 Amp  
Use with 1 3/8" to 2 5/8" heads  
Designed for Model 382V shafts

**230 VOLTS**

# SV-3E

3 Horsepower — 230V, 10 Amp  
Use with 1 3/8" to 2 5/8" heads  
Designed for Model 382V shafts



- **Easy air filter maintenance** — quarter-turn fastener requires no tools
- **Disposable filter** protects engine from concrete dust
- **Rocker-type on/off switch** is safely located on the rear of the motor
- **Super heavy-duty strain relief** on power cord prevents pullouts; 6 foot length for operator convenience

# STOW Concrete Vibrators

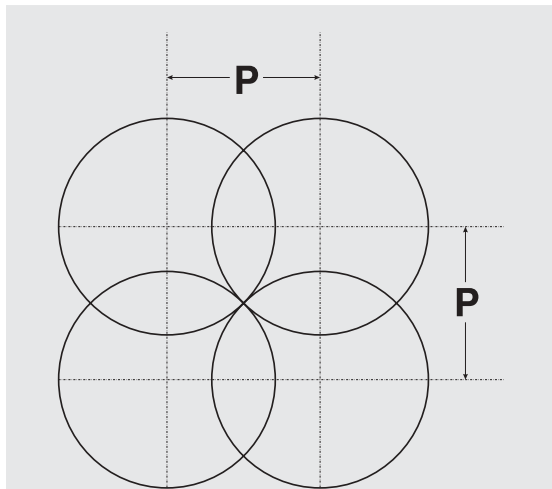
## Vibrator Motor Specifications

Model	HP	Amp	Weight lbs.	RPM	Voltage	Shaft compatibility	Head compatibility
SV-1	1	10	11	15,900	115V	314V	7/8" to 1 3/8"
SV-2	2	15	12.5	15,900	115V	382V	1 3/8" to 2 1/8"
SV-2E	2	7.5	12.5	15,900	230V	382V	1 3/8" to 2 1/8"
SV-3	3	20	13.5	15,900	115V	382V	1 3/8" to 2 5/8"
SV-3E	3	10	13.5	15,900	230V	382V	1 3/8" to 2 5/8"

Note: SV-1 comes with 29957-001 Spindle and 29979-001 Quick Connect Coupler  
SV-2, -2E, -3, and -3E comes with 25013-001 Spindle and 24372-001 Quick Connect Coupler

## Head Specifications

Head Model	Nominal Dia. in.	Compaction Capability cu. yards per hour	Distance Between Head Immersion "P" in.	Maximum Head Freq'y 115V 1" Slump	Peak-to-Peak Amplitude in Air	Use with 314V Shaft	Use with 382V Shaft
900	7/8	1 - 3	4	12,150	.062	✓	—
1000	1 1/16	2 - 4 3/4	5 1/2	11,700	.092	✓	—
1300	1 3/8	3 3/4 - 7	8	12,600	.092	✓	—
1400	1 3/8	3 3/4 - 7	8	12,600	.092	—	✓
1700	1 11/16	9 1/2 - 15	12	11,450	.114	—	✓
2100	2 1/8	12 1/2 - 21	14	11,200	.106	—	✓
2600	2 5/8	22 - 35	18	9,200	.108	—	✓



**Compaction Coverage with 50% Radial Overlap**

Vibrator heads should be immersed in a vertical position for about 5 to 20 seconds, then withdrawn slowly to let the concrete fill the void left by the head.

## Maximum Shaft Lengths

Model	Shaft	Head Size	Max. Shaft Length (ft.)
SV-1	314V	900 (7/8")	21
		1000 (1 1/16")	
		1300 (1 3/8")	
SV-2	382V	1400 (1 3/8")	28
		1700 (1 11/16")	
		2100 (2 1/8")	21
SV-3	382V	1400 (1 3/8")	35
		1700 (1 11/16")	
		2100 (2 1/8")	
		2600 (2 5/8")	

## Accessories

CS1 ..... Carrying Strap  
13883-501 ... Shaft Coupler — Connects 382V shafts together

Your Stow dealer is:



**MULTIQUIP INC.**

POST OFFICE BOX 6254 • CARSON, CA 90749  
310-537-3700 • 800-421-1244 • FAX: 310-537-3927  
E-MAIL: mq@multiquip.com • WWW: multiquip.com  
Atlanta • Boise • Newark • Quebec, Canada  
Manchester, UK • Rio De Janeiro, BR • Guadalajara, MX