



THE CSV

FLEX SHAFT VIBRATOR MOTOR

THE CSV

CONTROL THROUGH CONNECTIVITY

The Control Speed Vibrator (CSV) electric flex shaft concrete vibrator enables contractors to choose between the set speeds of 6,000, 8,000, 10,500, and Open VPM via a blue tooth Minnich app on ISO or Android platforms. Once the speed is chosen the CSV will maintain that speed as concrete load changes. The CSV is a lightweight, durable, 15 amp (115-volt) universal motor that drives a full line of Minnich shafts and heads. The unit comes standard with a quick disconnect. Optional quick disconnect that adapts to the shafts and heads of other manufacturers are available. The Minnich CSV was designed to run at a lower amp range making the motor more efficient than other on the market. Minnich utilizes a durable frame to extend the vibrator's life. The lightweight motor and frame-handle positions offer many ergonomic user features and comes with a shoulder harness.

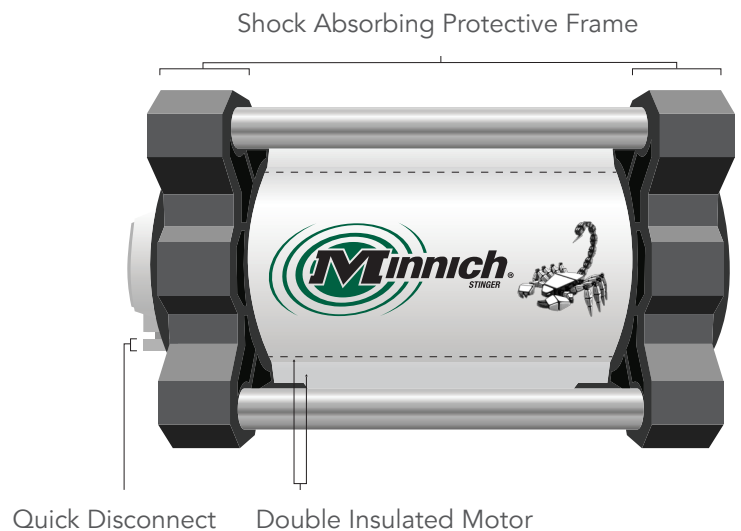
The CSV motor has been designed with a "soft start" that saves energy and mechanical wear on the motor and power system.

FEATURES

- Light Weight - 14.5 LBS
- Shock Absorbing Protective Frame
- OSHA Noise Compliant
- Long Product Life Due To Speed Control

BENEFITS

- Has Required Speeds For ASSHTO Tests
- Changes The Compatible Speed With Your Concrete Mix



PRODUCT SPECIFICATIONS FOR AASHTO TESTS

TEST	MOTOR MODEL	HEAD SIZE	SHAFT LENGTH	VIBRATOR SPEED
V KELLY	CSD - 1	3/4"	5 ft	8000 VPM
BOX TEST	CSD - 1	1 1/8"	5 ft	12,500 VPM

ELECTRIC MOTORS



DESCRIPTION	MODEL NO.
Motor, Flex Shaft 115V 15 AMP	S-D1
Motor, Flex Shaft 115V 15 AMP *CS	CS-D1

*Control Speed

FLEX-SHAFT CORE & CASING



DESCRIPTION	MODEL NO.
Core & Casing 7/8" x 2'	FS-2202
Core & Casing 7/8" x 5'	FS-2205
Core & Casing 7/8" x 7'	FS-2207
Core & Casing 7/8" x 10'	FS-2210
Core & Casing 7/8" x 14'	FS-2214
Core & Casing 7/8" x 21'	FS-2221

FLEX-SHAFT CORE & CASING



DESCRIPTION	MODEL NO.
Core & Casing 1 3/16" x 2'	FS-8102
Core & Casing 1 3/16" x 5'	FS-8105
Core & Casing 1 3/16" x 7'	FS-8107
Core & Casing 1 3/16" x 10'	FS-8110
Core & Casing 1 3/16" x 14'	FS-8114
Core & Casing 1 3/16" x 21'	FS-8121

VIBRATOR HEADS



DESCRIPTION	MODEL NO.
Flex Shaft Head 3/4" x 13"	VH-31
Flex Shaft Head 1" x 14"	VH-32
Flex Shaft Head 1 3/8" x 14"	VH-33
Flex Shaft Head 1 3/4" x 11"	VH-34
Flex Shaft Head 2" x 13"	VH-35
Flex Shaft Head 2 3/8" x 12"	VH-36
Tilt Up Head 2 1/2" x 6"	VH-85

ELECTRIC MOTORS



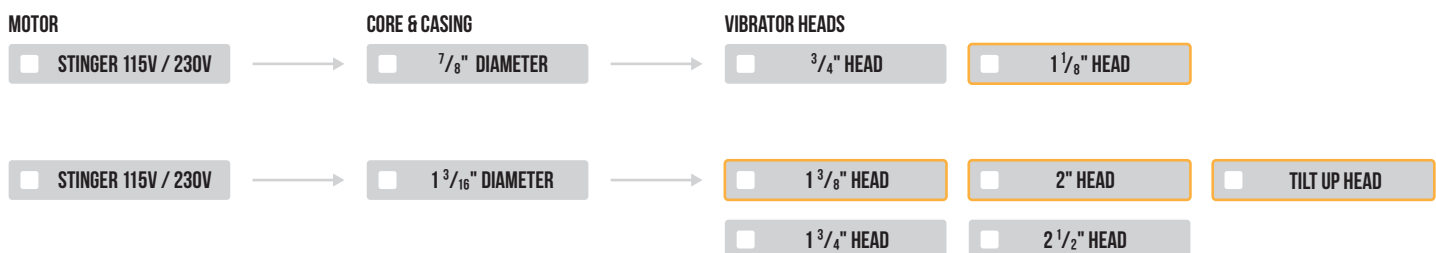
DESCRIPTION	MODEL NO.
Flex Shaft Coupler	
Synthetic ATF	
Multi-Purpose Grease	

VIBRATOR HEADS



DESCRIPTION	MODEL NO.
Flex Shaft Head 1 5/8" x 13"	CVH-32
Flex Shaft Head 1 3/4" x 15"	CVH-33
Flex Shaft Head 2 1/2" x 14"	CVH-35
Tilt Up Head 3" x 6 1/2"	CVH-85

BUILDING YOUR STINGER



Poly Urethane Coated Heads Available