

## Syntron® Bin Vibrators

### Eliminate Arching and Blockage of Parts

Syntron® Electromagnetic Vibrators assure the free flow of parts from storage to processing equipment. Syntron Bin Vibrators eliminate arching and plugging in an economical and efficient way.

### Versatile Usage

Primarily applied to bins, hoppers and chutes, these vibrators are widely used in the handling of parts in automation, assembly or packaging systems. When applied to parts supply hoppers, Syntron Vibrators provide a continuous bulk flow of parts to parts feeder bowls or wherever a bulk flow of parts is required.

### Standard Vibrator Models

Models V-2 and V-4 operate at 7200 vibrations per minute at 60 cycle.

Increased amplitude is obtained at 3600 vibrations per minute by using a rectified control. Models V-20 through V-51 operate at 3600 vibrations per minute at 60 cycle and are furnished with a standard rectified control. All models are available in 50 cycle.

### Smaller Units Beneficial

Smaller units can be applied to the discharge chute of parts feeders when the configuration and weight of the part do not respond to gravity flow. These smaller units can be used on low-angle chutes as well, assuring a steady supply of parts to the releasing or parts transfer device.



*Syntron® Electromagnetic Bin Vibrators maintain constant free flow of parts from storage to processing equipment.*

HCA Syntron offers two of the smallest continuous duty industrial vibrators available. Larger models are generally used to promote the free flow of parts from storage hoppers.

### Simple, Efficient Design, Low Maintenance

An excellent feature of all Syntron Vibrator Models is their simple and rugged construction which provides years of continuous or intermittent use with minimum maintenance and cost. In addition, most units can be supplied with dust-tight or waterproof cases to suit your application.