



We're The **SILENT** Vibrator Guys.™

# ROTARY VALVE FEEDER

## PRODUCT APPLICATION BULLETIN



**Model VS-320  
Silent Pneumatic  
Turbine Vibrator**

### Technical Specifications

- 6800 VPM at 80 PSI
- 600 lbs. of force
- 11 CFM at 80 PSI
- 69 dB on A-Scale at 1 meter



### PROBLEM

A sugar plant was losing valuable production time and man-hours when sugar was sticking in the rotary valve, creating a bridge above the flow valve. Employees had to stop what they were doing to bang 10,000 lbs. of sugar into the rotary valve every hour. The vibrator they were using at the time was not only sized incorrectly to solve the problem, but was too loud as well.

### SOLUTION

VIBCO replaced the existing vibrator with a Model VS-320 Silent Pneumatic Turbine Vibrator on the side of the small hopper above the rotary valve. This increased the flow of the sugar (so it no longer got stuck), increased their production rate and decreased lost man-hours. The VS-320 also lessened the noise in the factory, meeting OSHA standards.

### BENEFITS

After installing the VIBCO VS-320 Silent Pneumatic Turbine Vibrator the customer received the following benefits:

- Increased sugar flow and production time
- Reduced lost man-hours
- Decreased noise level

### These Also Work:

- MLT OR MLTSS Line of Silent Pneumatic Turbine Vibrators
- SCR Line of Adjustable Speed & Force Electric Vibrators

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