

# Acrison®

## MODELS VBD-18, VBD-26 and VBD-32

Acrison's Vibrating Bin Discharger has been designed to promote positive discharge of dry solid materials from a storage hopper into an Acrison feeder. Discharge is on a first-in/first-out basis and is accomplished without compaction, degradation or attrition.

The Vibrating Bin Discharger is factory mounted onto the selected storage hopper with its discharge outlet flexibly connected to the feeder inlet. A specially designed reinforced flexible sleeve, with stainless steel clamps, prevents product leakage between the storage hopper and Vibrating Bin Discharger.

Standard storage hoppers range in capacity from 3 to 60 cubic feet. For 3 to 15 cubic foot storage hoppers, an 18 inch diameter Vibrating Bin Discharger (Model VBD-18) is furnished. For 15 to 35 cubic foot storage hoppers, a 26 inch diameter Vibrating Bin Discharger (Model VBD-26) is furnished; and for 35 to 60 cubic foot storage hoppers, a 32 inch Vibrating Bin Discharger (Model VBD-32) is furnished.

The Vibrating Bin Discharger is suspended from the hopper by three or four suspension rods (depending upon the Model) equipped with vibration isolators specially designed to virtually eliminate the transfer of vibration to the hopper and its integral structure. An internal baffle is rigidly mounted to the Vibrating Bin Discharger to prevent compaction at the outlet, thus ensuring positive discharge. Vibration is produced by a totally enclosed, permanently lubricated, adjustable motor driven vibrator, silent in operation.

Acrison Vibrating Bin Dischargers are only available with integral storage hoppers for use in conjunction with Acrison feeders as a factory assembled package. Standard materials of construction are carbon steel, 304 stainless steel and 316 stainless steel. Special coatings and finishes are available. Electrical requirements are 115/230/1/60 or 230/460/3/60.

# VIBRATING BIN DISCHARGERS



**A Model VDBSB-105Z Vibrating Bin Discharger with a Storage Hopper (40 cubic feet in capacity) discharging into a Model 105Z Volumetric Feeder furnished as an integral assembly on a common structure.**

 **acrison, inc.**