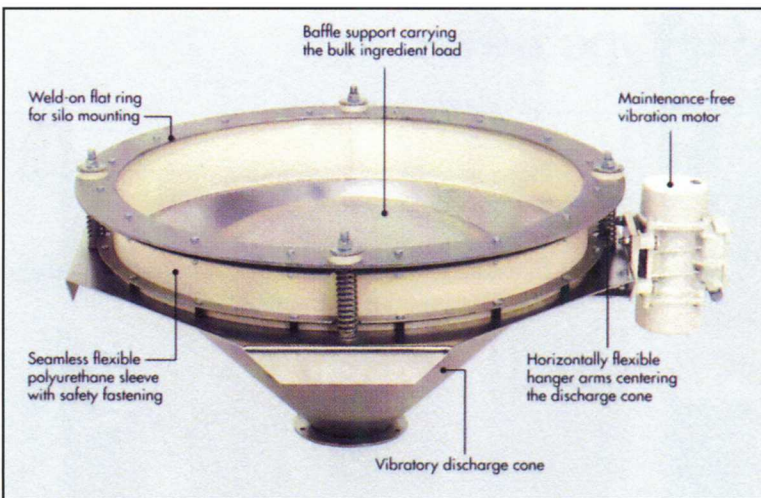
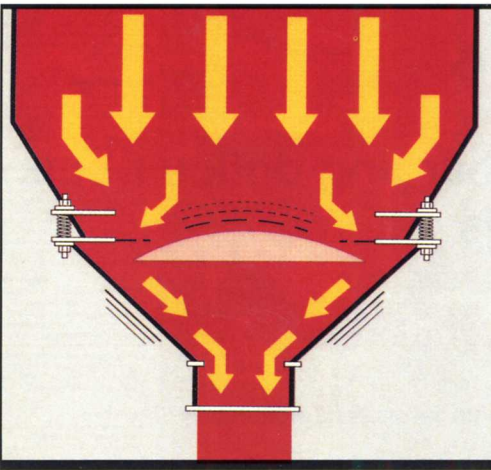
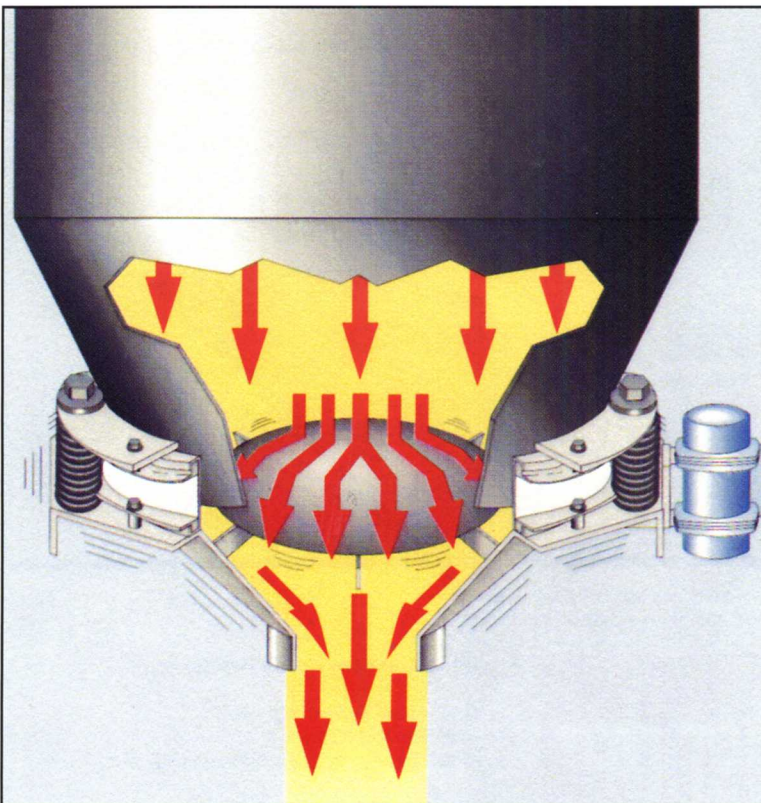


# Brabender Technologie

## Bin Activator



Components of the BAV 04 Series Bin Activator



Flow from the silo is around the baffle. No ratholing, no bridging at outlet.

### DESIGN

The Brabender Bin Activator Type BAV 04 is a vibratory discharge aid which ensures the constant flow of bulk solids. Its superior design makes it suitable for ingredients with poor flow characteristics and for applications when the silo diameter is large but outlet cross-sections are small.

There are more than 20,000 units operating worldwide, demonstrating the outstanding quality of this discharge aid.

### FUNCTION

The Brabender Bin Activator Type BAV 04 consists of a discharge cone with an integrated baffle. A flat ring is welded to the silo and the remainder of the unit is suspended by means of hanger arms which flex horizontally.

A double shafted unbalanced AC motor vibrates the suspended portion of the bin activator in a horizontal circular motion. This induces active mass flow of the bulk solids and promotes reliable discharge through the annular gap between silo cone and baffle. The baffle supports the entire ingredient column to prevent bridging at the outlet.

The seamless polyurethane transition sleeve between the flat ring and the discharge cone is very flexible and ensures optimum vibration isolation from the silo.

The heavy duty vibration motor offers easy amplitude adjustment. A VFD on the motor provides variable frequency.

