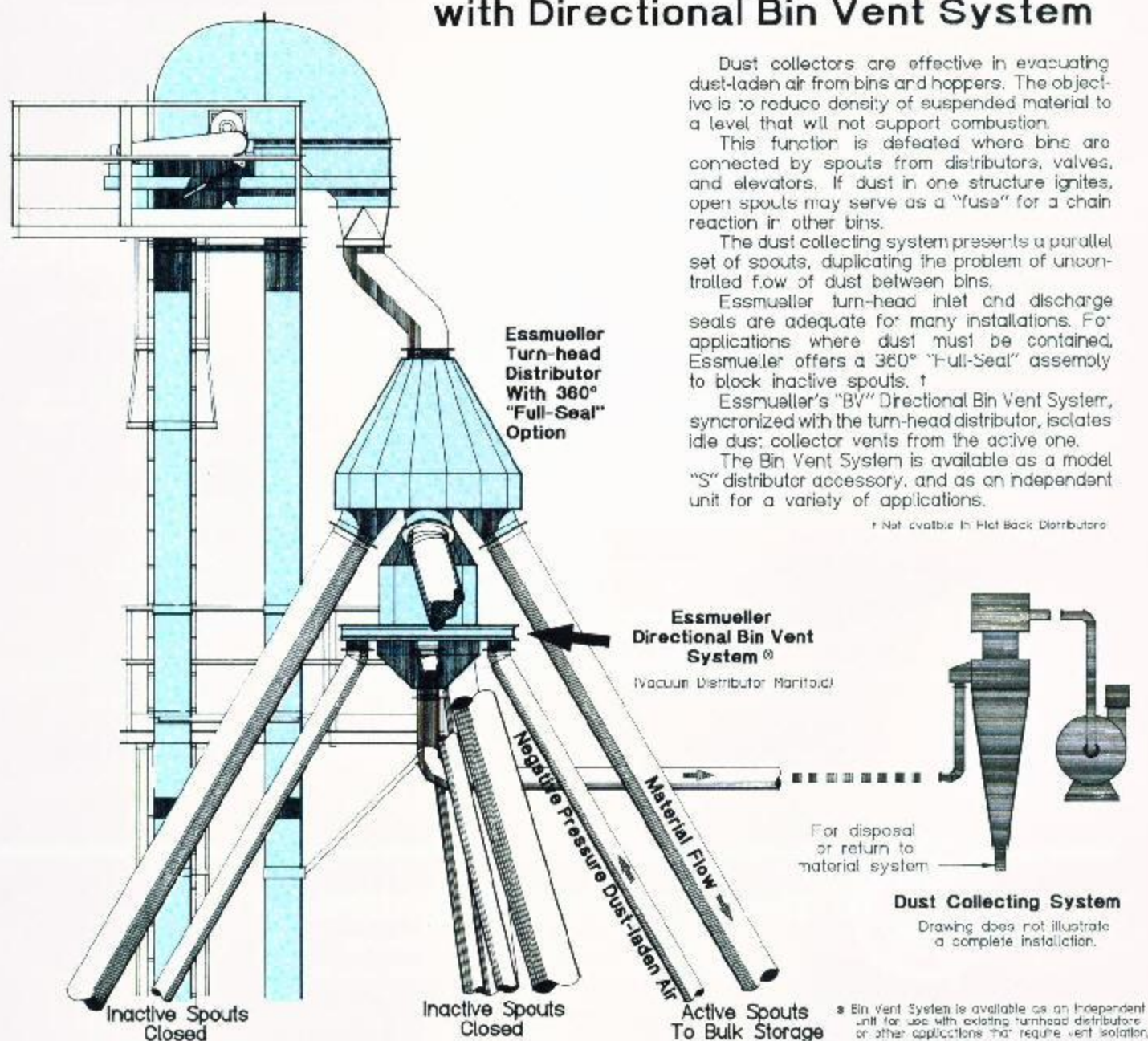




# ESSMUELLER

## Essmuller Turn-head Distributor with Directional Bin Vent System



Dust collectors are effective in evacuating dust-laden air from bins and hoppers. The objective is to reduce density of suspended material to a level that will not support combustion.

This function is defeated where bins are connected by spouts from distributors, valves, and elevators. If dust in one structure ignites, open spouts may serve as a "fuse" for a chain reaction in other bins.

The dust collecting system presents a parallel set of spouts, duplicating the problem of uncontrolled flow of dust between bins.

Essmuller turn-head inlet and discharge seals are adequate for many installations. For applications where dust must be contained, Essmuller offers a 360° "Full-Seal" assembly to block inactive spouts. †

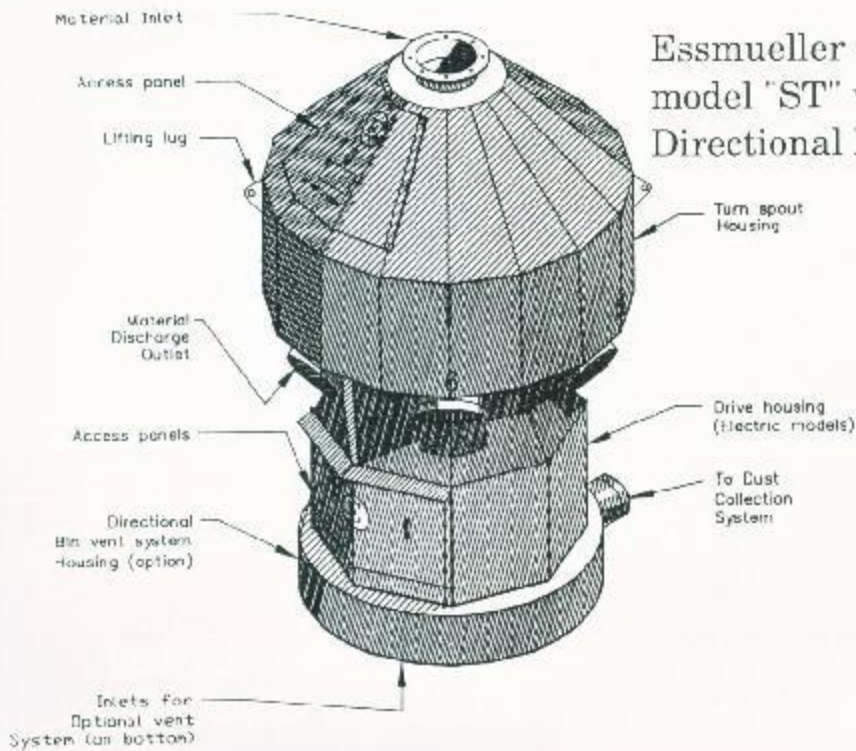
Essmuller's "BV" Directional Bin Vent System, synchronized with the turn-head distributor, isolates idle dust collector vents from the active one.

The Bin Vent System is available as a model "S" distributor accessory, and as an independent unit for a variety of applications.

† Not available in Flat Back Distributors



# Essmueller turn-head distributor model "ST" with optional Directional Bin Venting System



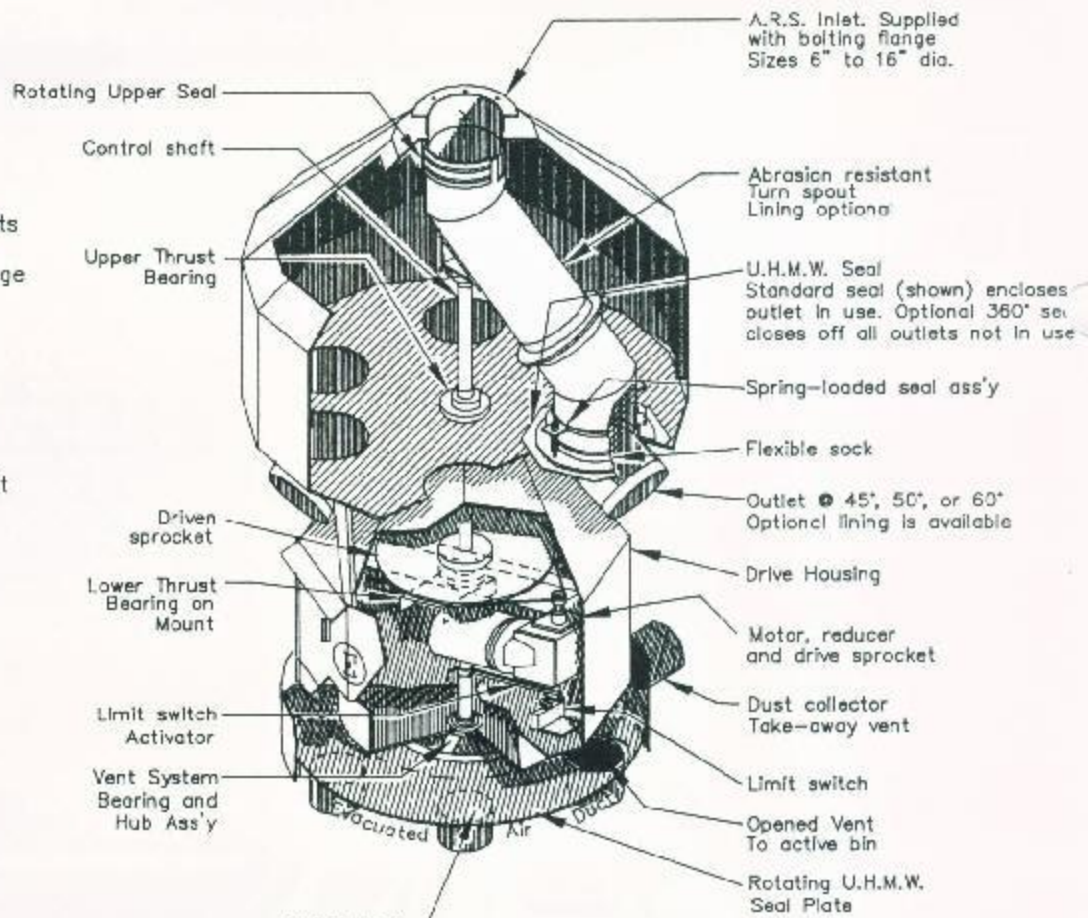
## STANDARD FEATURES

Abrasion-resistant turnspout  
 Rubber upper seal  
 Access panels, turnspout & drive  
 Lifting-eyes for installation  
 Control stands for manual-  
 operation, cable or pipe  
 Spout Sizes 6" thru 16"  
 Distributor sizes: 6 to 20 outlets  
 Discharge & flow-thru angles:  
 45°, 50°, 60°

**ALSO AVAILABLE**  
 Larger Sizes  
 Flat-back distributors  
 Double turn-head distributors

## OPTIONAL FEATURES

Angle-flanged discharge outlets  
 Rubber or urethane liners for  
 turnspout, inlet and discharge  
 outlets  
 U.H.M.W. Spring-loaded  
 lower seal  
 Stainless steel construction  
 360° turnspout seal  
 Electric remote control panel  
 Directional vent system  
 (also available as retrofit kit  
 for existing distributors)  
 Explosion-proof electrical  
 Components



*Cut-Away View of  
 Turn-head Distributor  
 With Directional Bin  
 Vent System Option*



## The ESSMUELLER COMPANY

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