



PRINCIPLE OF OPERATION

Bin Discharger design consists of internal cone shaped baffle which is attached to the body rigidly by means of structural member. The unit is suspended by means of hanger bolts from the top of hopper or silo to which it is attached.

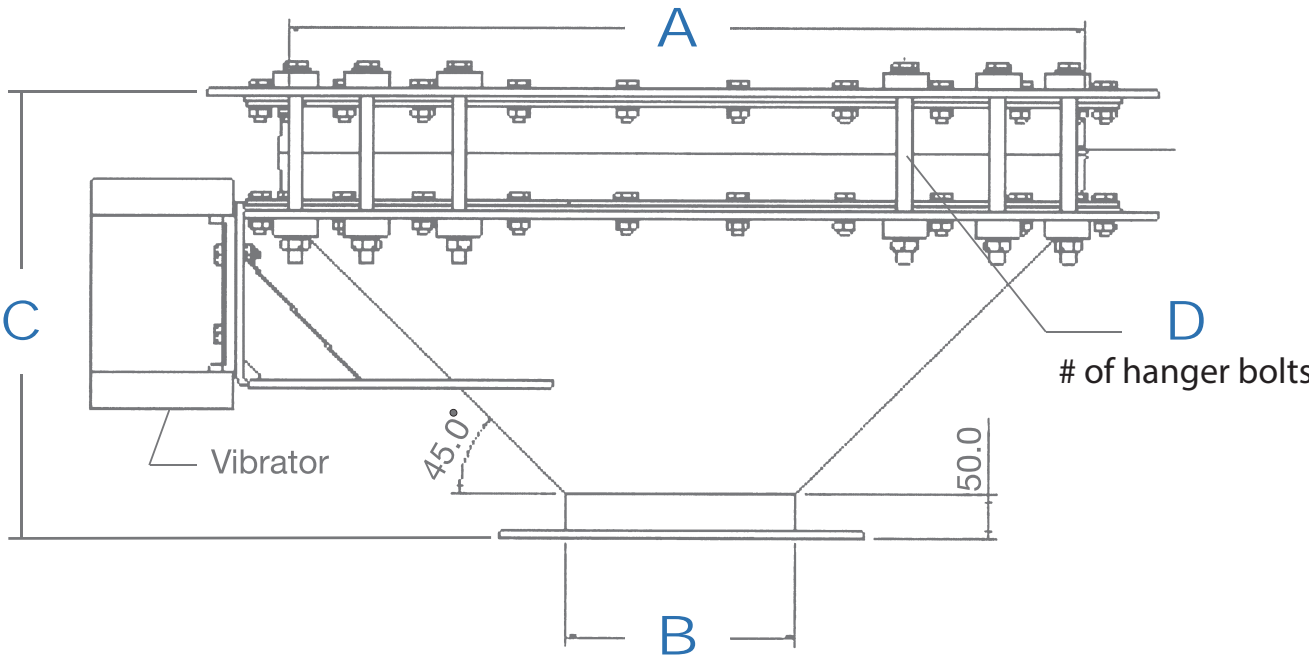
Bin Discharger moves horizontally in response to centrifugal forces generated by the unbalanced weights of an attached vibrator. The cone baffle relieves the weight of the material from the lower section of the bin discharger and acts like a wedge as it moves beneath the material and pushes it in all directions adjacent to the cone surfaces. This powerful force is also transmitted to the material in the upper portion of the bin as the motion is carried from particle to particle.

FEATURES :

- Wide range of sizes from 600mm to 2500mm
- Endless, durable flexible sleeve, FDA Approved, single piece construction
- Hanger bolts with silent blocks to absorb vibration and prevent vibration from being transmitted to top hopper
- High quality vibratory motors
- Available in carbon steel and stainless steel material
- Very easy to install at site
- Bottom hopper with Demountable feature available upon request

APPLICATION :

Bin dischargers are used for breaking the bridges and rat holes in bulk solids stored in silos while taking them out from bottom of silos and big hoppers.



Dimension in mm				
Model	A	B	C	D
BD 600	600	200	400	8
BD 900	900	200	540	12
BD 1250	1250	250	700	12
BD 1500	1500	250	820	12
BD 1800	1800	250	990	12
BD 2100	2100	250	1125	18
BD 2500	2500	300	1300	18

All dimensions are in mm.

Note: We reserve the right to modify the dimensions without prior notice.