

Bin Activator

Reliable Discharge

Compact & Robust Design

Ensures Mass Flow

High Flowability

Easy Assembly

Applications

- SAT Bin Activators are used to ensure complete and reliable discharge of poor flowing powders, crystalline solids, high fat materials from Silos and Hoppers

Advantages

- Easy assembly for existing as well as new hoppers/silos
- Minimum vibration transfer to silo
- Heavy duty activator cone
- Flexible connection at Inlet and Outlet
- Perfect sealing
- Uniform product discharge
- Design available for pressure / vacuum application
- Single piece molded silicon seal



Solutions For :

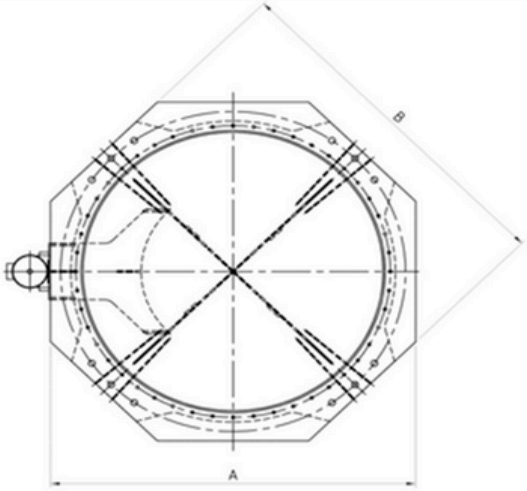
- Food & Beverages
- FMCG
- Pharmaceutical
- Petrochemicals
- Chemicals & Specialty Chemical
- Foundries
- Ceramics
- Paints & Pigments and many more

Design :

Bin Activator is a conical / tapered shape equipment that allows product to flow from silo or hopper due to vibration. The bin activator is set in horizontal circular vibrations by an unbalanced vibratory motor. The vibrations are transferred to the material column by the internal moon plate thus putting the material in motion and causing it to discharge uniformly without bridging or ratholing

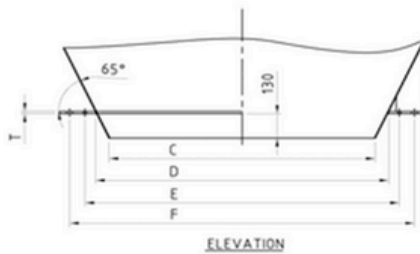
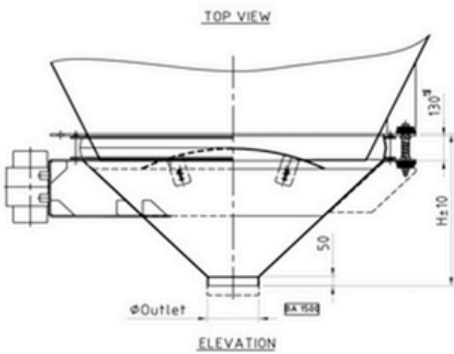
The intensity of the vibrations can be set depending on the type of material and the required output

Drawing & Dimension Table :



Size	A	B	ø C	ø D	ø E	ø F	H
450	540	540	395	434	465	510	As Required
600	1000	1000	526	578	620	680	
900	1200	1200	790	867	930	1020	
1000	1200	1200	875	963	1033	1133	
1200	1500	1500	1097	1204	1292	1417	
1500	1800	1800	1312	1445	1550	1700	

Note : Higher sizes available on request



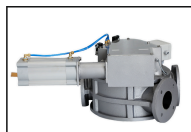
Technical Data :

- Material of construction available in Mild Steel / SS 304 / SS 316 / Hardox / Others
- Seal material in silicon
- Various surface finishes available depending on hygiene requirements
- Power supply 415 V, 50Hz, other voltages are possible
- Vacuum versions available

Optional Accessories :

- Additional Fluidising Pads for typical applications
- ATEX compliant versions available on request
- Pneumatic / Manual Valves on Discharge por

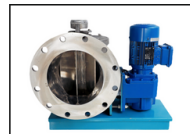
Other Products :



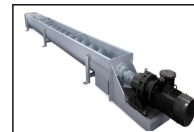
DUAL TUNNEL
DIVERTER VALVE



STORAGE SILOS



ROTARY AIRLOCK
VALVE



SCREW CONVEYORS



PNEUMATIC CONVEYING
SYSTEMS

SOLIDS AND AUTOMATION TECHNOLOGIES