Bin Activator

AVAILABLE CUSTOM MADE

Flow rates from 5 to 320 m³/h.
Range: diameters from 400 mm to 3,000 mm
Mild steel, stainless steel 304 L, stainless steel 316 L manufacturing

TO FACILITATE THE EXTRACTION OF POWDERS UNDER SILOS

The vibrating bin activator is an extraction device which, through controlled vibration, ensures a continuous flow of the material inside the silos and hoppers. It is made of a weld-free manufacturing steel or stainless steel cone, a flange seal integrated on the bottom and top parts, suspension brackets connected to the silo and one or two electric vibrators.

ADVANTAGES

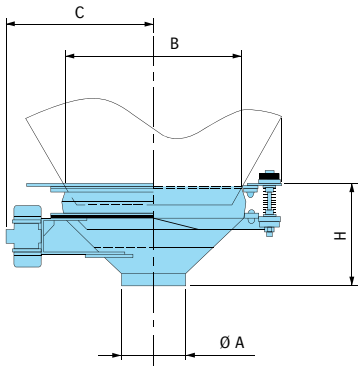
- **Mechanical extraction without air or vibration: no contamination or compaction**
- **Mounting under the silo with a single flange**
- **Independent work of the load with a complete emptying of the silo**
- **Reduced energy consumption, low power**
- **Tight and silent operation**
- **Easy settlement: rotating flange, adjustable length, flexible or rigid dosing**
- **Fast assembly**
- **Easy adaptation of recovery or transfer module**
- **Compact, reduced ground clearance of the silo**
- **Compact and robust construction**
- **Dosing accuracy regardless of the amount of powder contained in the silo**
- **70% less welds than traditional bin activators**
- **Available in ATEX zone 22**
- **Seamless cone with increased thickness**
- **Seals range including a FDA approved food version and a compatibility with high temperature materials**

OPERATING MODE

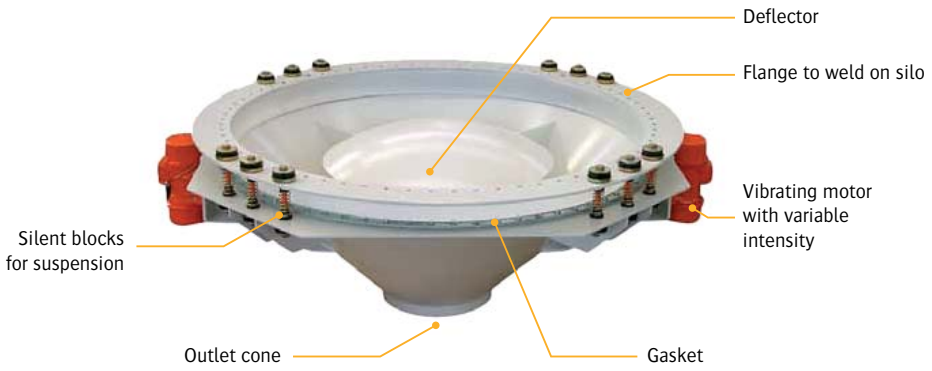
One or two electric vibrators are mounted on both sides of the main structure and induce a vibration of the entire bottom, without vibrating the silo above it.
During extraction, the bin activator performs a circular movement which is transmitted to the material inside the silo and therefore provides a uniform flow.

DIMENSIONS

Size in mm.	ØA	B	C	H	Motors	Kg
Ø 400	114	380	427	330	1	59
Ø 750	219	730	609	456	1	99
Ø 1.500	323	1,480	1,120	774	1	475
Ø 1.800	323	1,780	1,194	924	2	726
Ø 2.100	406	2,080	1,420	1,033	2	881



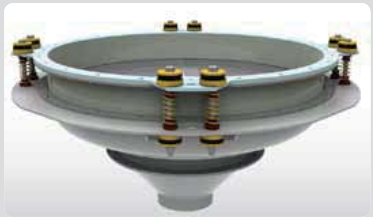
TECHNICAL DESCRIPTION



PALAMATIC PROCESS EXAMPLES OF INSTALLATIONS





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