

DESCRIPTION

The Big- Bag emptying machine model SVBF allows easy and quick emptying of the content of big-bags, with no leak in the air of the material contained therein. Operators are protected from accidental fall of big-bags during the emptying operation. The operator simply needs to hang the big-bag to the structure and proceed via auger or pneumatic transport, up to a maximum weight of 2,000 Kg.

The emptying systems SVBF FIBC are available with a wide range of accessories such as:

- bottom cutting systems for big-bag non returnable;
- motorized closure system of the big-bag emptying station;
- big-bag trunk locking system;
- weighing and dosing systems of the extracted product.

Operating principle

Using a forklift or crane to lift the big bag and hanging it at the top of the structure, the frame must be previously adjusted at the correct height, the Big- Bag is cut automatically by the cutting system and now is ready to start its emptying cycle.

Construction details

The structure is designed using finite element method (FEM analysis), respecting the rules of welding processes UNI EN 288-4. Made of carbon steel or stainless steel, while the vibrating hopper is made of carbon steel or stainless steel 304 or 316L. It is equipped with vibrator, vent fabric filter, electrical panel integrated in the structure, silicone or edpm rubber gasket, inspection door on the hopper.

APPLICATION FIELDS

In all processes where it is necessary to empty big-bags and dose the product: powders, granules, powder packaging.

OPTIONAL

ATEX version. Stainless steel version AISI-316L. Dosing screw with the weighing system. Dosing with pneumatic system. Bridge breaker.



TECHNICAL DATA

Model	Unità of mesure	SVBF
Mex flow rate	kg	2000
Motor vibrator power efficiency	kw	0.55
Motovibrator power efficiency	w	270
Supply voltage	v	380/440
Frequency	Hz	50
Max. consumption	A	4
Vent filter	n°	1
Hopper capacity	lt	350
Structure and packaging	Material	Carbon stainless steel
Weight	kg	650

MODEL WITH HOIST





KEY

- 1- Control panel
- 2- Seal
- 3- Handling control piston
- 4- Discharge screw
- 5- Vibrating hopper
- 6- Door frame of big bag
- 7- Big bag braker

DRAWING

DIMENSIONS

Mod.	Unit of mesure	SVBF
A	mm	1380
B	mm	3809
C	mm	1460
D	mm	2000 max
E	mm	1200
FxG	mm	1000x1000



MODEL WITH PNEUMATIC TRANSPORT SYSTEM

TECHNICAL DRAWING

