## **BIG BAG EMPTYING STATION**

### 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.

#### **TECHNICAL DATA**

Model	Unità of mesure	SVBF	
Mex flow rate	kg	2000	
Motor vibrator power effi- ciency	kw	0.55	
Motovibrator power effi- ciency	W	270	
Supply voltage	٧	380/440	
Frequency	Hz	50	
Max. cosumption	А	4	
Vent filter	n°	I	
Hopper capacity	lt	350	
Structure and packaging	Material	Carbon stainless steel	
Weight	kg	650	

### MODEL WITH HOIST

#### **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.





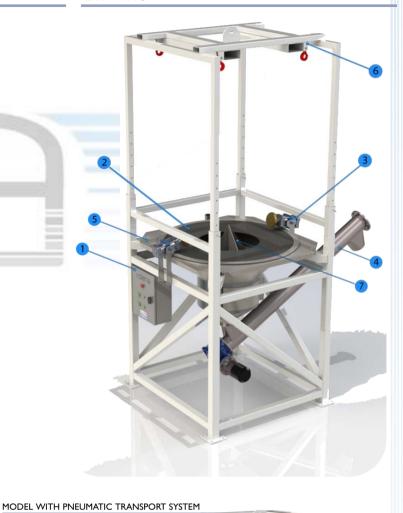


#### KEY **DRAWING**

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

## **DIMENSIONS**

	Mod.	Unit of mesure	SVBF
	Α	mm	1380
	В	mm	3809
- 1	С	mm	1460
	D	mm	2000 max
inne	vation		10 a 1
	FxG	mm	1000×1000



# **TECHNICAL DRAWING**

