

BIG-BAG UNLOADING STATION REMBAG

Unloading, storage and dosage product from big-bags



MACHINE DESCRIPTION

REMBAG system is a small modular system which may be variously configured. The system allow to empty big-bags or standard dimension up to 2 m³ of capacity.

REMBAG systems are made of a main frame having an adjustable height, an unloading hopper where the bag sits on and a tubular screw conveyor for the bulk material extraction and transport. Should a metered extraction be required it is possible to insert a rotary valve or install a dosing screw conveyor instead.

The upper part of the main frame can be completed with the big-bag holding frame suitable for handling with a fork-lift or, optionally, with an electric hoist for bags lifting and a manual trolley for sliding the bag in place.

The main hopper can be open type with a protective grating or be completed with a **PVC** ring seal to prevent from dust escape. The open area can be closed by a cover while the big-bag is not in place.

Optionally, the unit can be fitted with a flow aid device made of 2 pneumatic cylinders that push the bottom of the bag from the sides alternatively to allow a uniform discharge.

The level indicator installed in the hopper allows to monitor the level of the material in the hopper. The hopper may be equipped with a vibrator or a bin activator for difficult materials.

R.E.M. big-bags unloading station **REMBAG** can be equipped with the following accessories:
- **CONTROL CABINET.**

MAIN FEATURES FOR BIG-BAG UNLOADING STATIONS REMBAG

1. REMBAG ALLOWS TO HANDLE, LOAD AND DISCHARGE BIG-BAGS UP TO 2 M3 CAPACITY (1.5T MAX. WEIGHT) EITHER FOR POWDER OR GRANULAR MATERIAL.
2. REMBAG CAN BE USED FOR LIME, POLYMER, ADDITIVES, CARBON, POTASSIUM PERMANGANATE.
3. THE LIFTING SYSTEM IS SUITABLE FOR BEING USED WITH FORKLIFTS.
4. ALTERNATIVELY AN ELECTRICALLY ASSISTED LIFTING DEVICE (HOIST) CAN BE SUPPLIED.
5. HOPPER FOR PARTIAL STORAGE OF MATERIAL (500 LITERS).
6. CUSTOM-MADE EXTRA CAPACITY HOOPER (2 TO 5 M3 CAPACITY AVAILABLE).
7. OPTIONAL DUST EXTRACTION SYSTEM WITH DUST FILTER AND FAN.
8. OPTIONAL SMALL BAGS DISCHARGE PORT.
9. BIN ACTIVATOR FOR MATERIAL EXTRACTION.
10. DOSAGE BY ROTARY VALVE OR CONVEYOR.
11. OPTIONAL WEIGHING STATION.



n.b.: the manufacturer may modify some dimensions or sizes without prior information

STANDARD DIMENSION DATA FOR BIG-BAG UNLOADING STATIONS REMBAG



Materials of construction for fabricated parts:

*St.St. AISI304 / *St.St. AISI316 / * Painted mild steel

