EMPTYING Big-Bags SYSTEMS

FOR DUSTY AND SLIDING MATERIALS
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Opening and undo the loading trunk by operator

Handling by sliding electric hoist on beam certified

Handling by forklift to the middle frame with braces hooking

OPTIONS

Pneumatic side cylinders

Latex gloves to avoid contact with the epidermis

Petals for “massaging” the bottom of the big-bags

System to unfasten the exhaust trunk without coming into contact with the product inside the big-bags
EMPTYING BIG BAGS WITH CUTTING SYSTEM (BAG TO LOSE) IS USED IN THE FOLLOWING CASES:

- The product inside the big bag is especially packaged
- The product is particularly light and dusty and you need to unload it quickly, without assistance and operator contact

The big bag is hung with the respective braces to the handling frame and raised to half hoist.

Inside the apparatus, the big bag is opened by vibrating blades positioned on a wide-mesh grid which cut the bottom on three sides.

With the aid of vibrators and pneumatic pushers the big bag is completely emptied.

The closing doors with double row of containment brushes allow to contain the dust generated by cutting and emptying the inside so as to be intercepted by the dedusting system.

The apparatus is arranged to be connected to a dust collector by means of two hoods, positioned on the sides of the machine.

DESCRIPTION OF THE Equipment:

A) Maximum size big-bags employable: 1000 x 1000 x h 2000 mm
B) Big-bag handling frame by forklift or hoist
C) Carrier frame having cantilever beam
D) Lifting device and translation sacks by electric hoist having capacity 2000 Kg.
E) Full perimeter closure of pneumatic opening door with any insert in transparent polycarbonate.
F) Vibrated hopper for collecting and conveying the product, equipped with grate and blades for cutting big-bags
   *In specific cases, the vibrated hopper can be equipped with handling gloves*
G) Motor vibrator eccentric mass adjustable
H) Perimeter brushes and dust seals
I) Inspection door
J) Unloading outlet
M) Injection nozzles for dust suction port facility
N) Pneumatic cylinders, controlled by the pause and work time control unit
DIFFERENT APPLICATIONS

Solution with latex gloves and visual screen

Solution with closing doors for cutting

The big-bags are hung with bracers to the handling frame and positioned by forklift