



SCORPIO BAG DUMP HOPPERS

Dust Free Bag Discharging

Providing Cutting Edge Technology and Application Engineering Expertise in Bulk Solids Handling Systems

Finely powdered materials tend to create hazardous and unhealthy dust clouds at the unloading / discharging point and create pollution problems and material wastage. A simple and inexpensive solution is to use a Bag Dump Hopper which allows convenient and dust free unloading of manually cut bags. The Scorpio Bag Dump Hopper is suitable for manually unloading the contents of standard 50 kg / 25 kg. bags.

Construction: It consists of an integral hopper into which contents of the bags are manually unloaded. The hopper is fitted with a mesh to separate thin and long fibres. A dust filter is mounted onto this hopper. The dust filter operates with a reverse pulse jet cleaning mechanism. Dust generated while emptying of the bag, is collected onto the filter bags and dislodged by the air pulses. A centrifugal fan mounted above the filter unit evacuates dust free air to atmosphere. This unit is available in both Mild Steel and SS304 contact parts.



Application: Useful for all kinds of bulk materials such as powders, pellets, flakes, granules etc. Often used in dense phase pneumatic conveying systems where the unit is mounted above the dense phase transporter.

Options: The hopper can be provided with a magnetic grid to separate tramp iron particles.

The unit can also be offered with an integral reciprocating screen to separate coarse and fine particles.



SCORPIO offers state-of-the-art equipment and complete turnkey systems in:

- In-plant Bulk Handling
- Dense & Dilute Phase Pneumatic Conveying Systems
- Open Truck Unloaders
- Container Tilting Unit for filling and discharge
- Bag Slitting Machines
- FIBC (Big Bag) Filling and Discharge Systems
- Bulk Transportation
- Central Vacuum Cleaning Systems
- Weighing and Batching
- Silos and Silo Discharge
- Port Bulk Handling
- Ship Loading / Unloading Systems (Pneumatic)

We also offer consultancy in the design and Engineering of Bulk Solids Handling System.

For further information, please contact

SCORPIO ENGINEERING BMH PVT. LTD.

‘Scorpio House’

132 Wheeler Road, Cox Town

Bangalore - 560 005, India

Phone : +91 80 4345 6630

Fax : +91 80 25485119

E-mail : info@scorpiobmh.com

Website: www.scorpiobmh.com