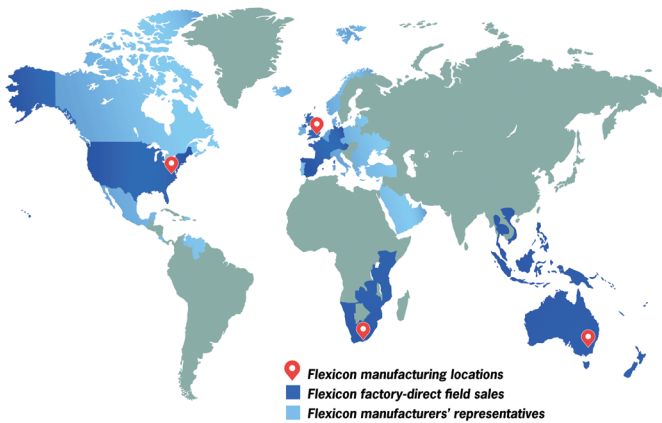




IBC Discharger for Low Headroom Areas

FF-0482



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IBC Discharger for Low Headroom Areas

This new BULK-OUT® low profile discharger positions Intermediate Bulk Containers (IBCs) weighing up to 3200 lbs (1450 kg) in the frame using an electric hoist and trolley, discharges bulk solid materials into a surge hopper and conveys the material to a downstream process dust-free.

Lifting arms fitted with four eye hooks connect to the mobile IBC frame, which is equipped with four inverted cradle cups that mate with corresponding posts on the discharger frame for precise positioning of the IBC outlet.

When lowered into position, the tapered outlet of the IBC's butterfly discharge valve mates with a gasketed receiving ring on the lid of a surge hopper, allowing opening of the valve and discharging of material with no dusting.

The surge hopper is available with an integral flexible screw conveyor, tubular cable conveyor or pneumatic conveying system also produced by the company.

The purpose-built stainless steel IBC hopper frame measures 36 in. (914 mm) square by 38 in. (965 mm) high and includes two swivel and two rigid casters with brakes. Quick-release clamps secure the hinged hopper lid during transport and discharge of material.

A port on the lid of the surge hopper is vented to BAG-VAC® dust collector that puts the sealed system under negative pressure, preventing displaced air and dust from entering the plant atmosphere.

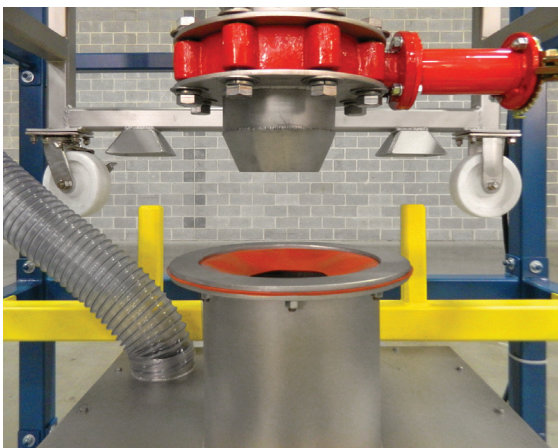
All material contact surfaces of the system are of stainless steel with the exception of the flexible screw conveyor's polymer outer tube.



Flexicon's IBC Discharger raises and positions rigid Intermediate Bulk Containers without the use of a forklift, makes a dust-tight connection to a surge hopper available with outlets to charge a flexible screw conveyor (shown), tubular cable conveyor or pneumatic conveying system.



The portable IBC is fitted with eye bolts for connection to the lifting cradle, and inverted cradle cups that center the tapered outlet cone of a butterfly valve within the gasketed receiving ring of the surge hopper.



The stainless steel surge hopper with gasketed receiving ring is vented to a BAG-VAC® dust collection system that puts the sealed system under vacuum, preventing the escape of displaced air and dust.

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