

Application

The Coperion K-Tron feed bin or bag dump stations are used to pre-condition the material for vacuum conveying before it enters the air stream. Feed bins are mostly positioned underneath Big Bag unloading stations or other process machinery, in order to buffer material for Big Bag change-over or for other purposes. The 150 liter feed bin body equipped with the dust hood and bag rest module is ideal for emptying bags in a dust free manner.

Design

- Stainless steel, easy cleaning or sanitary design
- Modular structure which allows for:
 - Upgrade feed bin to bag dump station
 - Integration of fully fluidized cone to eliminate flow problems
- Bag dump station dust hood with:
 - Vent for adaptation to central dust collection system
 - Bag rest for 25 kg [55 lb] standard bags
 - Easy opening hatch with split cover design to minimize height
 - Stainless steel mesh to prevent ingress of pieces of bags or oversize pieces
- Pick up wand port with band clamp connection for all standard wand sizes from 1.5" to 3".
- Alternative bottom pick-up (sanitary design) which allows for washing and draining the feed bin.

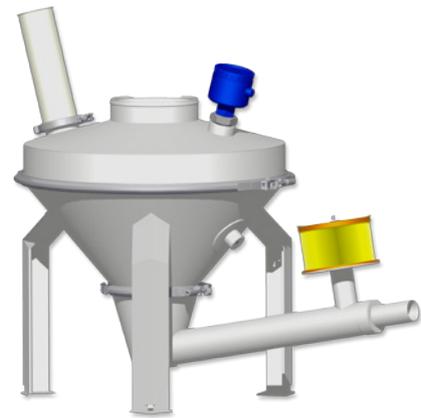
Technical Specifications

Standard

- 316L [1.4404] stainless steel construction.
- Gaskets, natural rubber white, food grade, FDA listed
- Crack and crevice free welds, ground smooth, polished
- Electropolish surface finish
- 50 or 150 dm³ [1.8 or 5.3 ft³] working volume
- Vent to central dust extraction [152.4 mm or 6" OD]

Options

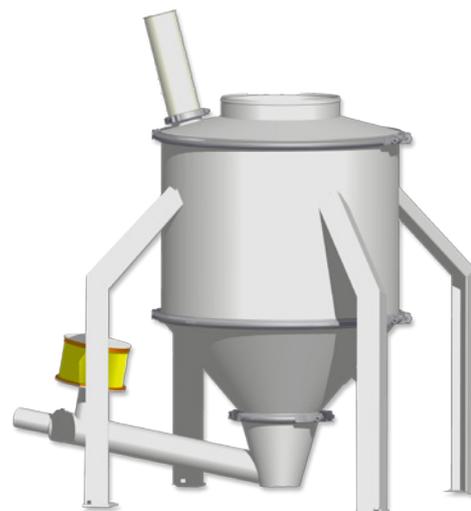
- Fully fluidized cones made of sintered PORVAIR, FDA listed
- Aeration pads
- Vibrator
- Level probes
- Solenoid valves 24 VDC
- Casters
- ATEX category 3D or 2 GD
 or US NEC Standard Class I Div. 2 or Class II Div. 2



50 Liter feed bin with fully fluidized cone and bottom pick-up .



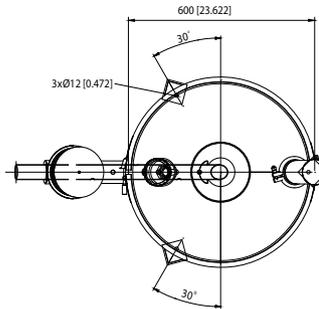
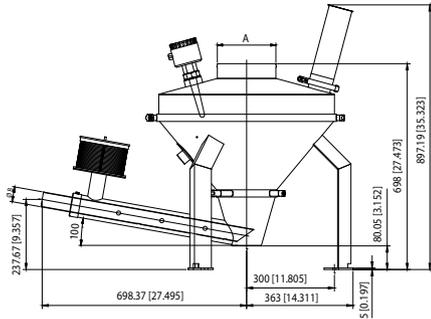
150 Liter Bag Dump Station with pick up wand port, vibrator and aeration pads



150 Liter Feed Bin with bottom pick-up and fully fluidized cone

Dimensions mm [in]

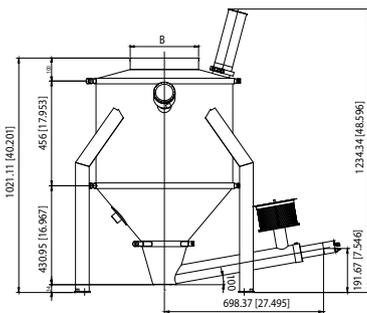
50 Liter Feed Bin:



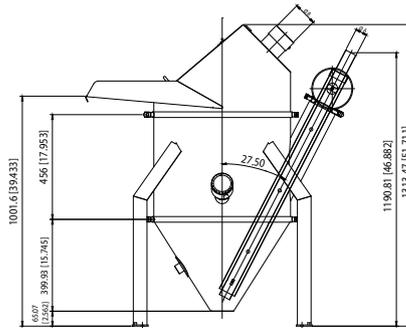
Pick-up Wand Sizes
 1.5", 2", 2.5", 3"

Standard Inlet Sizes:
 OD "A" mm [in]
 100 [4]
 150 [6]
 200 [8]
 250 [10]
 300 [12]

150 Liter Feed Bin and Bag Dump Station:



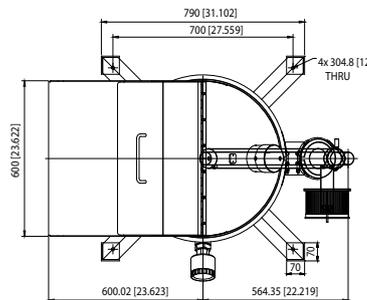
with removable take-off



with standard take-off

Pick-up Wand Sizes
 1.5", 2", 2.5", 3"

Standard Inlet Sizes:
 OD "B" mm [in]
 200 [8]
 250 [10]
 300 [12]
 350 [14]



Caution: Measurements are for general reference only. Please consult dimensional drawing for exact measurements.