

# BULK BAG DISCHARGER

## APPLICATION DATA SHEET

Company: _____	Contact: _____
Address: _____	Title: _____
City: _____	E-mail: _____
State: _____ Zip: _____	Phone: ( ____ ) ____ - _____
Proposal Due Date: _____	Fax: ( ____ ) ____ - _____
Today's Date: _____	Funded Project:      Yes      No

### MATERIAL DESCRIPTION:

Trade Name: \_\_\_\_\_  
Compound Name: \_\_\_\_\_  
Molecular Formula: \_\_\_\_\_  
Bulk Density: \_\_\_\_\_ lbs./ft<sup>3</sup>  
Material Form:  
Fiber                      Flake                      Granule  
Irregular                  Pellet                      Powder  
Other: \_\_\_\_\_  
Particle Size: \_\_\_\_\_ (Max./Min.)  
Flowability:

### Characteristics:

<input type="checkbox"/> Abrasive	<input type="checkbox"/> Adhesive	<input type="checkbox"/> Cohesive
<input type="checkbox"/> Corrosive	<input type="checkbox"/> Degradable	<input type="checkbox"/> Dusty
<input type="checkbox"/> Explosive	<input type="checkbox"/> Flammable	<input type="checkbox"/> Friable
<input type="checkbox"/> Hazardous	<input type="checkbox"/> Hygroscopic	<input type="checkbox"/> Packs
<input type="checkbox"/> Smears	<input type="checkbox"/> Toxic	
<input type="checkbox"/> Other: _____		

Moisture Content: Water \_\_\_\_\_ % Fat \_\_\_\_\_ %  
Other Characteristics: \_\_\_\_\_

Free-flowing (angle of repose 30° or less)  
Semi free-flowing (angle of repose 30° - 45°)

Sluggish (angle of repose 45° to 60°)  
Non free-flowing (angle of repose 60° +)

### DISCHARGER SPECIFICATIONS:

Discharge Rate: \_\_\_\_\_ Bag / Hour  
Discharge by Volume or Discharge by Weight  
Net weight to be discharged: \_\_\_\_\_ lbs.  
Accuracy: \_\_\_\_\_  
Frame: Hang Weigh or Base Weigh  
4-post or Cantilever  
Base: Flat Deck or Powered Conveyor  
 Densification

Paint: NBE Standard Metallic Grey  
Other \_\_\_\_\_

Wash Down: Yes No  
Water or Cleaning Solution

Material Contact Surfaces:  
304 Stainless Steel Carbon Steel  
316 Stainless Steel Other \_\_\_\_\_

### Loading Information:

Forklift Loading: Yes No  
Hoist: Pneu. Elect. Cust. Supplied  
1-Ton 2-Ton Other \_\_\_\_\_

### Frame Construction:

304 Stainless Steel Carbon Steel  
316 Stainless Steel Other \_\_\_\_\_

### Weld Specification:

Continuous Weld Stitch Weld  
Grinding Requirement: \_\_\_\_\_

### ADDITIONAL SYSTEM INFORMATION:

<input type="checkbox"/> Accumulation Conveyors	<input type="checkbox"/> Control Integration
<input type="checkbox"/> Dust Collection/Ventilation	<input type="checkbox"/> Empty Bag Scissor Lift
<input type="checkbox"/> Infeed Conveyors	<input type="checkbox"/> Labeling
<input type="checkbox"/> Material Sampling	<input type="checkbox"/> Mat'l. Supply Components
<input type="checkbox"/> Operator Platform	<input type="checkbox"/> Pallet Dispenser
<input type="checkbox"/> Slip Sheet Dispenser	<input type="checkbox"/> Other: _____

Available Ceiling Height: \_\_\_\_\_ ft. - in.

See backside for more info.



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### UTILITIES:

**Pneumatic Supply:** \_\_\_\_\_ (s) cfm @ \_\_\_\_\_ psi (g)

### Electric Supply:

Voltage: \_\_\_\_\_ Phase: \_\_\_\_\_ Cycle: \_\_\_\_\_

### Electrical Classification:

NEMA 4 (water tight)	NEMA 4X (SS)
NEMA 4X (FRP)	NEMA 7/9 (explosion proof)
NEMA 12 (dust tight)	Purge (explosion proof)
ATEX	Other _____

**If Hazardous Area:** Class: \_\_\_\_\_ Division: \_\_\_\_\_ Group: \_\_\_\_\_

Zone: \_\_\_\_\_ Temp Rating: \_\_\_\_\_

**UL Listed Control Panel:** Yes \_\_\_\_\_ No \_\_\_\_\_

### Dimensions:

(A) Inlet Spout Diameter: \_\_\_\_\_

(B) Inlet Spout Length: \_\_\_\_\_

(C) Bag Loop Length: \_\_\_\_\_

Bag Straight Wall:

(D) Empty: \_\_\_\_\_ (E) Full: \_\_\_\_\_

Bag Width:

(F) Empty: \_\_\_\_\_ (G) Full: \_\_\_\_\_

Bag Depth:

(H) Empty: \_\_\_\_\_ (I) Full: \_\_\_\_\_

(K) Discharge Spout Diameter: \_\_\_\_\_

(J) Discharge Spout Length: \_\_\_\_\_

(L) Spout Tie Location: \_\_\_\_\_

Bulk Bag Full Weight: \_\_\_\_\_ lbs.

Does the Bag have a Liner: Yes \_\_\_\_\_ No \_\_\_\_\_

Is the Liner Attached: Yes \_\_\_\_\_ No \_\_\_\_\_

Formed Inlet Spout: Yes \_\_\_\_\_ No \_\_\_\_\_

Formed Discharge Spout: Yes \_\_\_\_\_ No \_\_\_\_\_

Bag Loop Type (select one):



Standard



Cross Corner



Full Sleeve

### MATERIAL SUPPLY:

Mechanical Conveyor Type: \_\_\_\_\_

Pneumatic Conveyor

Gravity Drop

Other: \_\_\_\_\_

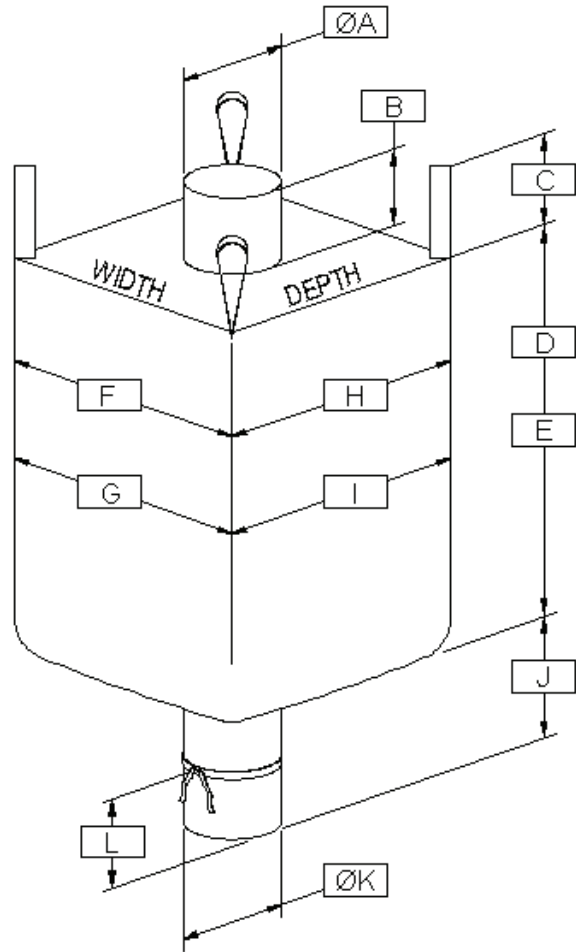
### Duty Cycle:

Continuous

Intermittent

On Time: \_\_\_\_\_ hrs.

Off Time: \_\_\_\_\_ hrs.



Please indicate with sketch if inlet or discharge is different than shown.