

## Martin® Flow-Aid Products

Plant Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 City: \_\_\_\_\_  
 State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Contact Person: \_\_\_\_\_  
 Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Date: \_\_\_\_\_

### Material Conditions

Type of Material: \_\_\_\_\_

Weight: lb per Cubic Foot: \_\_\_\_\_ or kg per Cubic Meter: \_\_\_\_\_

Moisture Content: Dry Wet Moisture \_\_\_\_\_ %

Temperature of Material: Ambient High \_\_\_\_\_ degrees F C

Condition: Coarse Granular Fine Powder Sticky

Particle Size: \_\_\_\_\_ Compaction Level of Material: Hard Soft

### Vessel Information

Shape of Vessel: Square/Rectangle Round Chute Other \_\_\_\_\_

Vessel Material: Steel Stainless Concrete Wood Other \_\_\_\_\_

Wall Thickness: \_\_\_\_\_ in mm Vessel Lined: Yes No

Vessel Construction: Welded Bolted

Vessel Lining Material: \_\_\_\_\_ Lining Thickness: \_\_\_\_\_ in mm

Vibrating Bottom Installed: Yes No

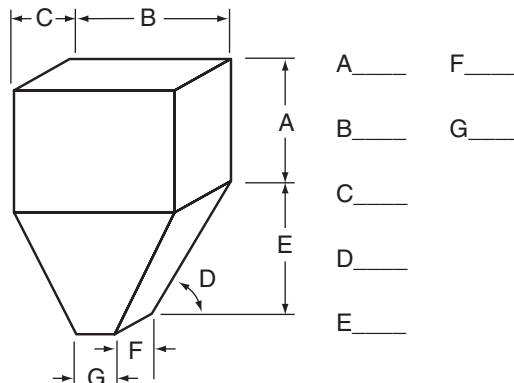
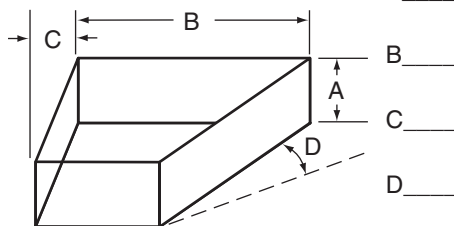
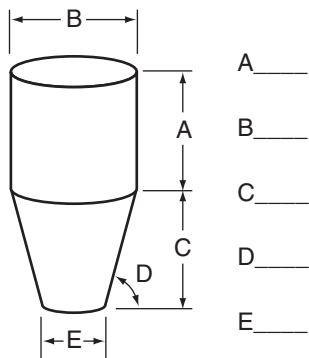
Currently in Use: Yes No

Discharge Frequency: Continuous Intermittent

Method of Discharge: Belt Screw Hopper Other \_\_\_\_\_

### Complete Dimensional Information or Supply Drawings

Standard of Measurement: Inches/Feet Millimeters/Meters



**Note:** Please attach drawings and/or digital photographs if available.  
 Indicate flow problem area on drawing.

# APPLICATION DATA SHEET

## Type of Problem

Flow Problem:      Bridging                      Rat-holing                      Packing                      Clinging to Sides

Describe the Problem:

Where does it occur:

Material presently built up?      Yes                      No

Thickness of material build-up: \_\_\_\_\_ in                      mm

Volume of material build-up: \_\_\_\_\_ lbs                      ton

Length of time build-up has been present: \_\_\_\_\_

## Current Solution

Current method being used: (ie. hitting with hammer, poking) \_\_\_\_\_

Flow aids presently being used or used previously: \_\_\_\_\_

How often and duration current method used in 24-hour period: \_\_\_\_\_

Effect current method has on the material/ problem: \_\_\_\_\_

## Power Availability

Power Preference:      Electric                      Pneumatic                      Hydraulic

Pneumatic: Pressure Available: \_\_\_\_\_ psi                      bar

Volume Available: \_\_\_\_\_ CFM                      cm<sup>3</sup>/min

Filter and/or Dryer on Air Line?      Yes                      No

Distance from existing air supply to application: \_\_\_\_\_ in                      mm

Electric: Frequency      50 Hz                      60 Hz

Phase Power      Single-Phase                      Three-Phase

Voltage: \_\_\_\_\_

Explosion Proof Equipment needed:      Yes                      No

Method of Control:      Timer                      PLC                      Solenoid                      Manual

Type of cycle used:      Manual                      Timed Internals                      Automatically During Discharge  
Automatically Under No-Flow Conditions

**Desired outcome/expectations of the Flow-Aid System:**



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