



*The
Sampling
Connection*

MODEL MG AUTOMATIC SAMPLER



Automatic Strip Samplers for Free-Flowing Bulk Solids

Features

- Designed to eliminate the degradation of product
- The stainless steel tube is easily detached and cleaned to meet sanitation requirements
- Available in pneumatically and electrically driven versions

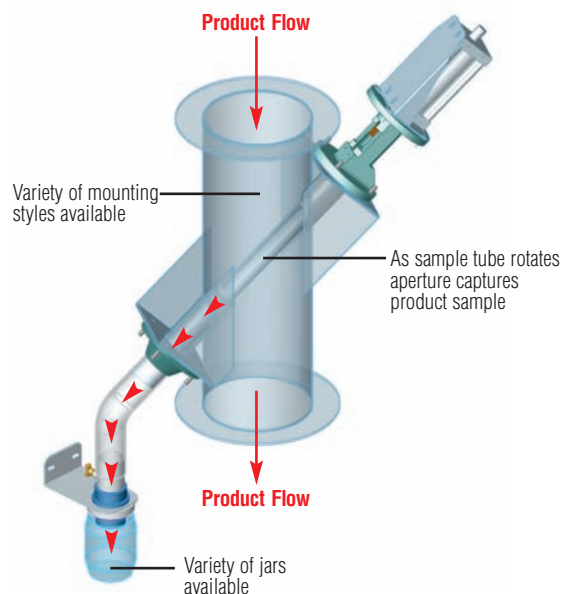
Options

- Special mounting adapters for round, square or other chutes
- TEFC or Explosion-proof motors
- Optional materials of construction
- Hardening or NEDOX® treatment of contact parts
- Same side discharge unit

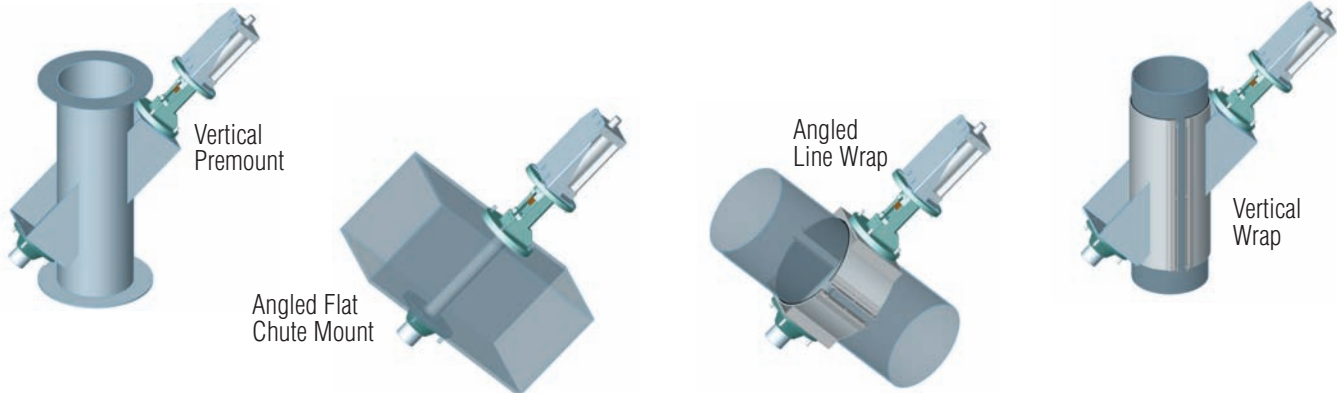
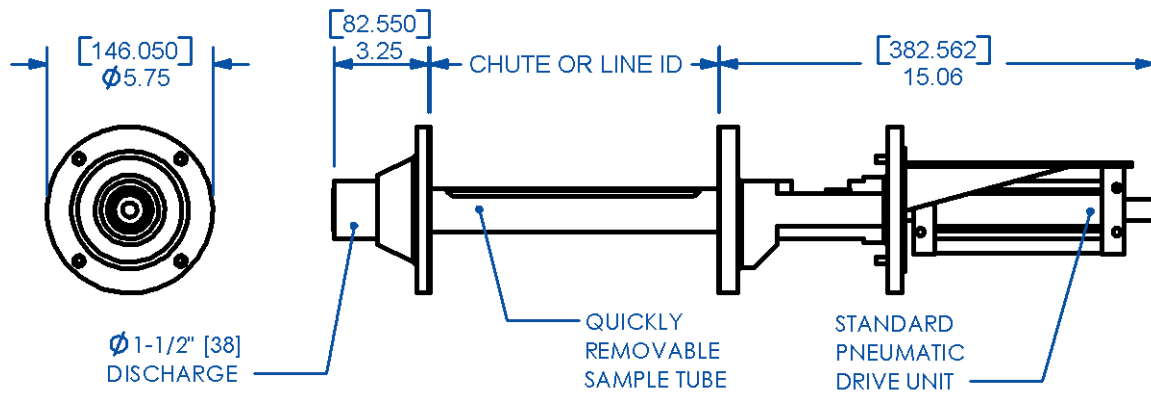
Description

The Model MG is a strip sampler designed to sample pellets, powders, granules, grain, seed and other free-flowing dry materials from gravity chutes or product lines. The stainless steel sample tube is designed to be quickly and easily removed to facilitate easy cleaning and inspection. The MG is available in pneumatically and electrically driven versions; both are controlled by an easily configured PLC controller and digital interface.

The Model MG samples when a stainless steel tube, slotted lengthwise, rotates to capture a strip of the product flow. A representative sample collects to the discharge point.



TECHNICAL DATA



Other mounting configurations may include hoppers, chutes and other line configurations not shown.

SPECIFICATIONS

Basic Electrical Requirements	control box - 115 VAC, single phase, 60 Hz; TEFC & Explosion Proof Motors - 115/230 VAC, single phase, 50/60 Hz.
Air Requirements for Pneumatic Unit	80 psig, 1.5 cfm per cycle
Quantity of Sample	determined by flow rate, aperture size and time in line; standard aperture 5/8" wide x custom lengths
Product Size	10 micron to 1/4"; larger sizes upon request
Recommended Location of Sampler	dry powder, grain or granular lines, chutes, hoppers at atmospheric pressure
Suggested Connection to Collection Point	rigid metal or flexible tubing to a collection container or multi-position collection cabinet
Materials or Construction	304 and 316 stainless steel sample tube; self-lubricating oilite bearings
Temperature Range	Up to 180° F



SENTRY EQUIPMENT CORP

856 E. Armour Rd.
PO Box 127
Oconomowoc, WI 53066 USA
Phone: 262-567-7256
Fax: 262-567-4523

E-mail:
sales@sentry-equip.com

Website:
www.sentry-equip.com

For further information, contact:

The Sampling Connection