



Integrating plastic technologies since 1965

BULK DISTRIBUTION BOXES



Trouble-free material flow to multiple destinations.

Hamilton's Bulk Distribution Boxes are modular and additional material outlets may be added as your needs grow. Any module may be directed towards your material destination to ensure the easiest possible line routing. All box modules are the industry standard 16-inch square bolt pattern to allow for a wide variety of line sizes, draining, and easy cleanout options.

Distribution Box modular layers may be independently specified and oriented in any direction.

FEATURES:

- Aluminum and stainless steel construction* (for years of trouble-free performance)
- Easy air-to-material ratio adjustment (to prevent material from surging, starving, or jamming)
- May be hard piped (no need for flex hose)
- Modular, expandable (additional outlets may be added when needed)

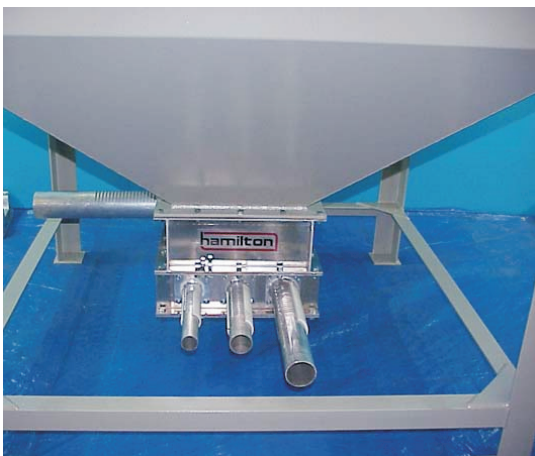
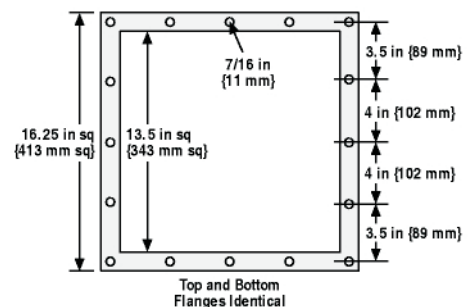
*All stainless construction optional

DIMENSIONS:

| Feed tube kit (OD) | Fits in port size |
|--------------------|-------------------|
| 1.5 in (38 mm) | S |
| 1.75 in (45 mm) | S |
| 2 in (51 mm) | S |
| 2.25 in (57 mm) | S |
| 2.5 in (64 mm) | S |
| 3 in (76 mm) | L |
| 4 in (102 mm) | L |

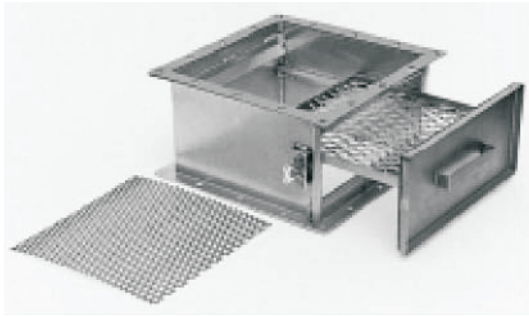
S = Small Port Size
L = Large Port Size

MOUNTING FLANGE DIMENSIONS

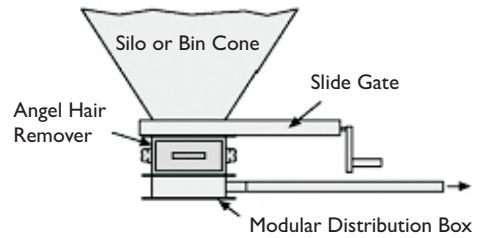


ANGEL HAIR REMOVER

"Angel hair," "streamers" or "skins," created by high-velocity conveying of soft material, can clog your conveying system by blocking distribution box tubes or creating material bridges in hoppers. Hamilton's Angel Hair Remover provides a stainless steel screen in the material flow path to filter out the clogging material and allow it to be easily removed from the system.



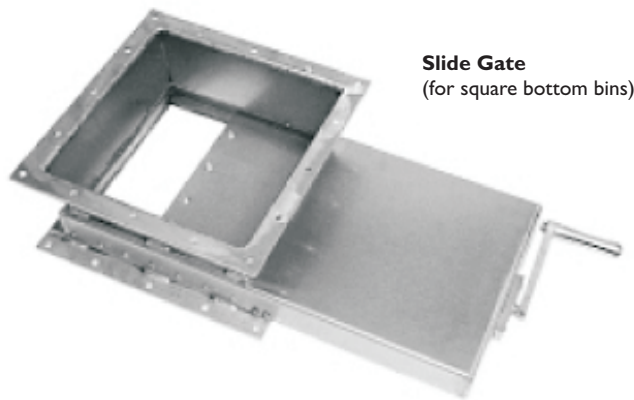
Usually fitted at the base of a silo or storage bin, the Angel Hair Remover should be installed below a Hamilton Slide Gate (see below) and above your main Distribution Box. The unit fits the same 16" square bolt pattern as Hamilton's entire line of Distribution Box components.



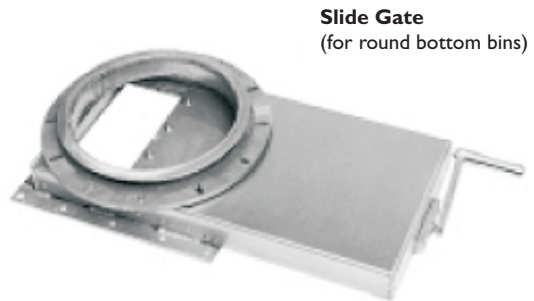
SLIDE GATE

To stop the flow of material from a bulk storage vessel, Hamilton's Slide Gate provides a heavy-duty hand crank that allows the stainless steel knife gate to cut through a solid column of material and stop material flow for service, cleaning or equipment changes. The rugged housing requires only 5-1/8" (130 mm) below your silo and is constructed of

aluminum, with an all stainless steel mechanism. Available in both round and square top flanges to fit both popular vessel outlet flanges, the bottom flange is the industry standard 16" square bolt pattern to allow fitting any of Hamilton's extensive line of Bulk Distribution Box products.



Slide Gate
(for square bottom bins)



Slide Gate
(for round bottom bins)

