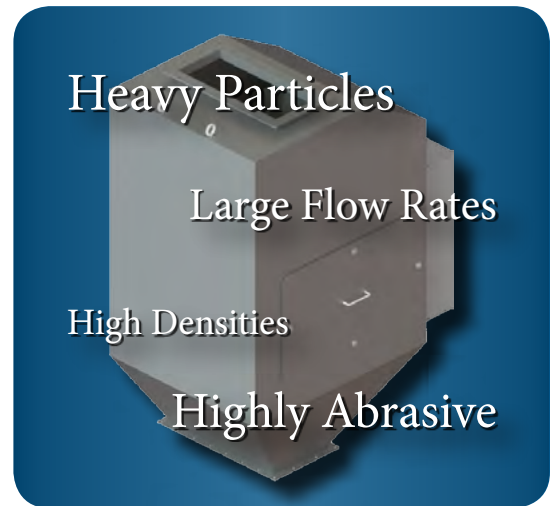


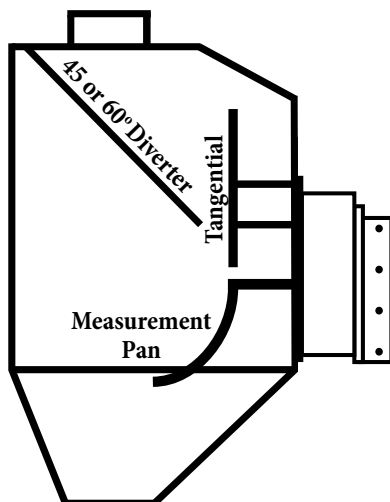
HDM Type II: Heavy Duty

The CentriFlow® HDM Meter is a bulk solids mass flow meter specially designed for high density products with very high flow rates. Utilized as a Type II Meter, the HDM is mounted within an enclosure and is configured to be fed by devices that move material in a vertical direction such as slide gates, rotary valves and screw conveyors. The HDM Type II Meter, when compared to the standard CFM Type II meter, is actually twice the height and depth, thus making the HDM Meter much better equipped to accurately measure very large flow rates of product. The HDM is great for applications including the processing of mine tailings, the rapid loading and unloading of trucks, railcars or shipping containers or any installation where flow rates, bulk densities, or both are exceptionally high.



Design Specification

- The depth of the meter and the height of the meter have been doubled in order to accommodate much larger flow rates.
- The radius of the Pan has been doubled in order to accommodate larger particles and higher flow rates.
- The standard HDM Type II Meter comes with rectangular intake and discharge flanges, however, custom intake and discharge flanges are also available.
- The HDM can be installed as either the Type II enclosed meter or as a Type I open meter with no enclosure. See our Type I catalog for more info.



Material Specification

- Standard meter parts other than product contact surfaces are constructed of 304 Stainless Steel. 316 Stainless Steel also available.
- Standard product contact surfaces such as parts within the product flow path are constructed of Stainless Steel.
- Additional coatings are available that are designed to improve product flowability and/or improve the wearability of the various flow surfaces.
- The enclosure for the Type II enclosed HDM Meter is constructed of either Painted Carbon Steel or Stainless Steel.

Volumetric Capacity of the CentriFlow® HDM Type II Meter ft³/min (m³/hr)

Meter Size	In Line Flow			
	Free-Flowing		Powders	
	Min	Max	Min	Max
HDM-24	18.75 (31.86)	150.00 (254.85)	37.50 (63.71)	112.50 (191.14)
HDM-48	37.50 (63.71)	300.00 (509.70)	75.00 (127.43)	225.00 (382.28)
HDM-72	56.25 (95.57)	450.00 (764.55)	112.50 (191.14)	337.50 (573.41)