

DISC DIVIDER TYPE DD



The **Disc Divider** is used for dividing samples of powder and bulk materials (even suitable for wet materials). The main advantage of mechanical sample dividers is that they extract a part of the material by a large number of increments. If less than about 50 increments are taken by the sample divider, the accuracy may be substantially reduced. A continuous automatic sample division ensures that the divided sample is still a representative sample.

General Description:

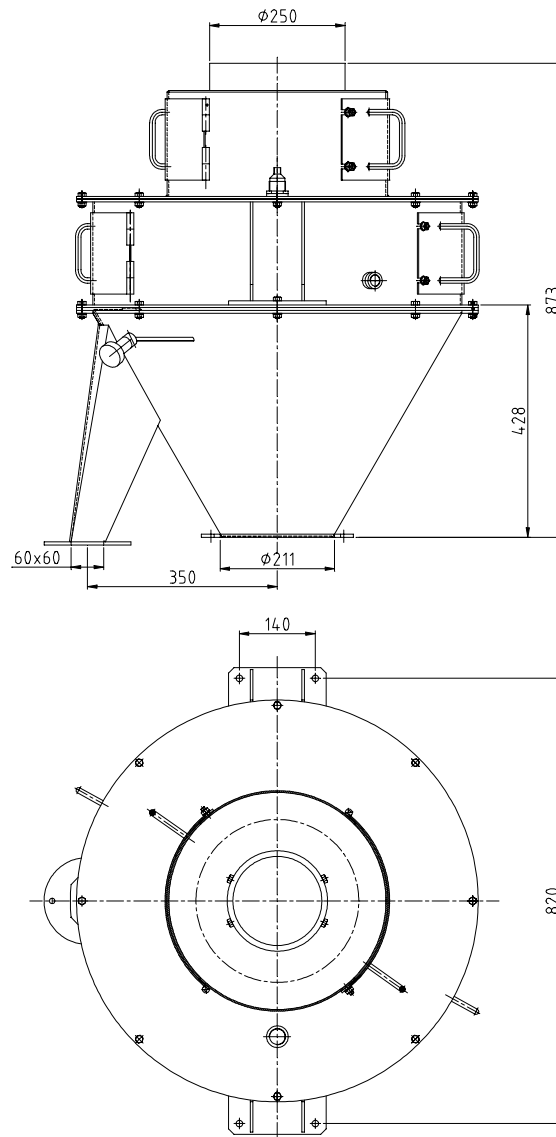
The sample has to be delivered on the top cone of the Disc Divider. The sample will be scraped from the upper disc to the lower disc, where it will be scraped to the bottom cone, where a part will go through the sample outlet(s) and the rest will fall through the bottom cone as reject.

The division ratio is step-less adjustable between 1:9 and 1:59 – Depending on particle size and upon model size. It is possible to divide materials up to a particle size of $\varnothing 65$ mm.

The Disc Divider consists essentially of the following units:

- Drive unit (gear motor).
- Upper and lower discs with scrapers.
- Upper part with inspection/cleaning openings.
- Lower part with reject outlet and one or more sample outlets.

Principle Sketch:



Drive: 0.37 kW geared motor.

Voltage: 3 x 400 V, 50 Hz (standard)



M&W JAWO HANDLING AS



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