

## Test stand confirms: The new „Maxi - FlowSlide“ exceeds all expectations!!!

The approved FlowSlide meter is now available for flow rates up to 350 m<sup>3</sup>/h. Due to the fact, that the capacity of the maintenance free FlowSlide meter was limited to 100 m<sup>3</sup>/h Hense Wägetechnik was often forced to refuse inquiries of pleased customers. The Das new Maxi FlowSlide measures the flow of grain and powder materials via the centripetal force. This method makes the measurement independent from density and grain size.

An spezial test stand was constructed to confirm the flow capacity and the accuracy.



The test constuction is consisting of two silos. A screw conveyor feeds the test product from the lower silo into the upper vessel. This vessel is resting on 4 ea. OIML-approve „Clevermount“ load cells.

Via a slide gate a flow rate up to 400 m<sup>3</sup>/h can be adjusted.

## Test results Maxi - FlowSlide

**Test results:** The Maxi - FlowSlide was tested with flow rates of 25 / 40 / 60 / 80 / 100 / 120 / 150 and 180 t/h. For a batch size of 1000 kg the average deviation was below 0,2 % or 1 kg absolute. The test product was PE - granulate with a bulk density of 550 kg/m<sup>3</sup>.



### Final result:

The maintenance free Maxi - FlowSlide achieves a new Benchmark in precise flow measurement. The accuracy is better than 0,2 % between 20 and 100 % of the flow rate.