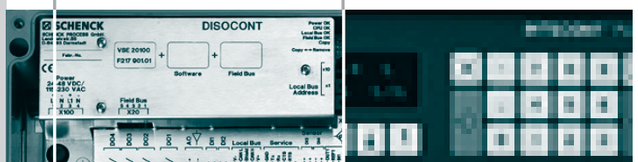
MULTISTREAM® G

Continuous solids flow feeding – without impact – for stable results

The MULTISTREAM® G series establisher continuous bulk solids streams using non-impact force measurement on an in-line measuring chute that “gently” deflects the material stream. The system ensures that impact factors, which vary depending upon the bulk solids, are not incorporated into the results. This means that MULTISTREAM® G generates better reproducible data improving your product quality. With its dust-tight, robust construction, MULTISTREAM® G in conjunction with a flow-controlled prefeeder becomes a feeding system and can even be specially equipped for hot materials. Naturally, we supply everything from a single source: planned, delivered, and supported by Schenck Process.

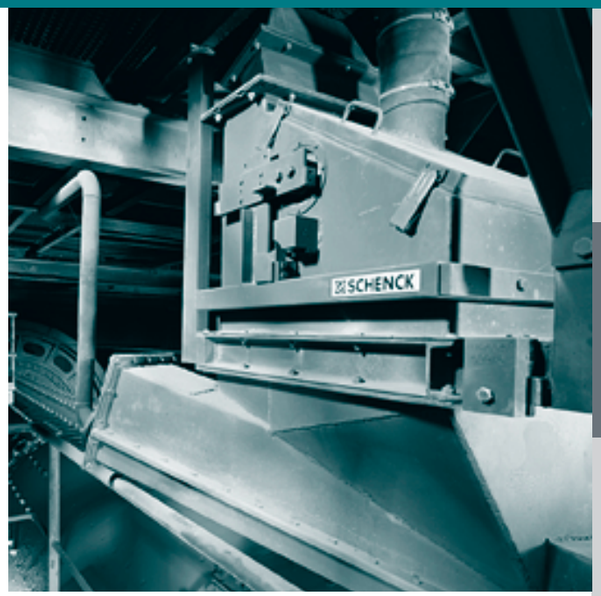
More about DISOCONT®
on pages 126–127

More about INTECONT® PLUS
on pages 124–125



Advantages

- Cost-effective, complete solution
- Dust-tight, robust construction
- Measuring and guide chute integrated into housing
- Available with integrated on-site evaluation electronics



Applications

- Throughput and consumption measurement of bulk solids
- Measuring of grain flows in mills
- Feeding of additives
- Feeding of raw meal
- Batching at mixers
- Charging in loading stations

MULTISTREAM® G Mass Flow Meter			
	G 400	**G 750**	**G 1250**
Feed rate Measuring unit	min. 4 t/h [metric] – max. 400 m^3/h	min. 16 t/h [metric] – max. 750 m^3/h max. 1,000 t/h [metric]	min. 40 t/h [metric] – max. 1,250 m^3/h max. 1,000 t/h [metric]
Feed rate Feeding unit			
Prefeeder – Feeding unit screw	max. 80 m^3/h	max. 80 m^3/h	
Prefeeder – star feeder	max. 100 m^3/h	max. 100 m^3/h	
Prefeeder – flow gate	max. 400 m^3/h	max. 750 m^3/h	max. 800 m^3/h
Measuring/feeding range		1:5	
Material temperature		max. 100 °C (212 °F)	
Grain size		max. 10 mm Individual grains up to 30 mm	
Precision based upon actual feed rate [1]		± 2%	
Options	[1] Greater precision levels (±1%) are possible with on-stream calibration.		
Protection against wear		☒	
Design for hot materials		max. 200 °C (392 °F)	