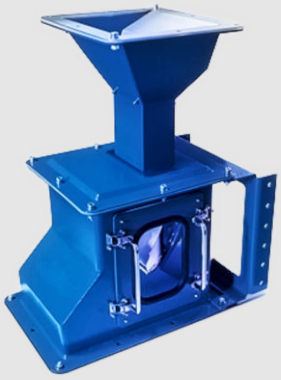
# SOLIDS FLOW METER BULKSLIDE

DATA SHEET

## Solids Flow Measurement
## EmWeA Master BulkSlide.

Robust bulk material flow measurement with the highest accuracy.

**Accuracy: from ±0.5%.**



### Very accurate, robust solids flowmeter

BulkSlide is a solids flow meter with a high accuracy of ±0.5%. The system is suitable for most bulk materials that are free-flowing and non-sticky. The solids flowmeter calculates instantaneous flow rate and total by measuring the force of the bulk material in contact with the integrated curved platform.

### The smart alternative to an impact plate weigher

The BulkSlide flow meter consists of the pre-assembled BF sensor and an integrator.

BulkSlide offers many advantages. The system is low-maintenance and energy-saving. With a stable zero point, compact design and many communication options for transferring data to a PLC or PC, the BulkSlide is suitable for a wide range of applications.

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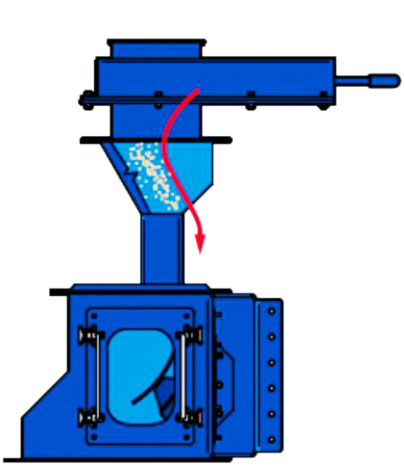
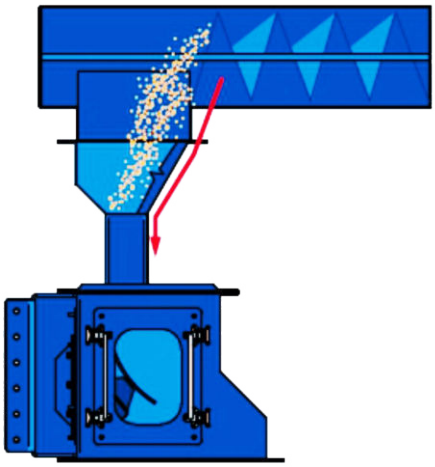
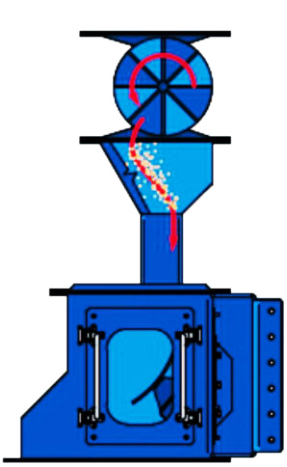
## Typical applications:



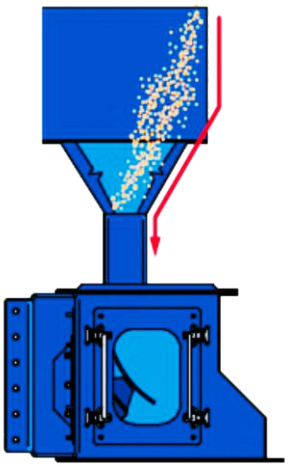
silo outlet



auger / screw conveyor



rotary valve



free fall

## Sensor dimensions:

| Model | Throughput | Grain size | Dimensions LxWxH | Weight |
|---|---|---|---|---|
| BF006 | 1 … 6 m³/h | 0 … 25 mm | 280 x 280 x 503 mm | 23 kg |
| BF012 | 5 … 12 m³/h | 0 … 20 mm | 320 x 350 x 625 mm | 30 kg |
| BF024 | 10 … 24 m³/h | 0 … 30 mm | 350 x 450 x 625 mm | 40 kg |
| BF050 | 20 … 50 m³/h | 0 … 40 mm | 350 x 750 x 625 mm | 55 kg |
| BF060 | 24 … 60 m³/h | 0 … 40 mm | 500 x 450 x 798 mm | 65 kg |
| BF100 | 40 … 100 m³/h | 0 … 50 mm | 515 x 515 x 900 mm | 70 kg |
| BF200 | 80 … 200 m³/h | 0 … 50 mm | 515 x 515 x 900 mm | 75 kg |
| BF400 | 160 … 400 m³/h | 0 … 50 mm | 670 x 670 x 1,21 mm | 85 kg |
| BF600 | 250 … 600 m³/h | 0 … 60 mm | 670 x 670 x 1,21 mm | 95 kg |

## Technical Specifications:

| | |
|---|---|
| Sensor housing: | painted steel (optional stainless steel) |
| Slide: | carbon steel, stainless steel, Hardox®, or ceramic |
| Measuring range: | up to 600 m³/h |
| Operating temperature: | -40 ... +75 °C (optional +160 °C) |
| System accuracy: | from 0,5% |
| Certificates (standard): | CE |
| Certificates (optional): | ATEX; FM |

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