

S/M-KTW-F

Weighing and dosing of poorly flowing materials

The I-KTW-F is a module of poorly flowing material as scrap, fibre materials, grit, powder and pellets.



Especially new materials can not be processed with conventional weighing systems. The increasing use of WPC (wood plastic composites), recycled materials and other poorly flowing materials with high apparent density fluctuations resulted in the development of the S/M-KTW-F funnel weigher. In particular with the integration in the ConPro gravimetric systems it offers the possibility of quick compensation of apparent density fluctuations which are a natural feature of the above mentioned materials. The processed raw materials as stainless steel/ aluminium or the AC motors supports that the system is designed for durability.

For weighing and dosing of materials it is necessary to keep the material output constant. The S/M-KTW-F has been developed in order to assure constant output for poorly flowing materials. An integrated agitator avoids bridge forming and provides a permanently filled dosing screw. The unit weight is calculated via a platform load cell. Via weight reduction values the throughput is calculated and controlled.

Special features

- Easy mechanical assembly
- Low in wear and maintenance
- Large throughput range
- Excellent cost/ performance ratio



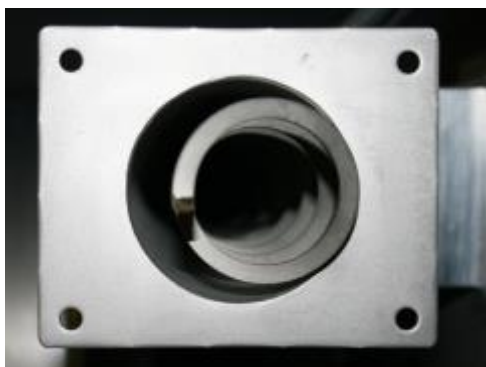
Product range:

Type of device	Dosing device type	Throughput* min. / max.
S/M-KTW – F20	CP-H 30	ca. 10 – 100 Kg/h
S/M-KTW – F40	CP-H 42	ca. 10 – 250 Kg/h
S/M-KTW – F60	CP-H 42	ca. 10 – 500 Kg/h
S/M-KTW – F80	CP-H 42	ca. 10 – 750 Kg/h
S/M-KTW – F120	CP-H 60	ca. 10 – 1000 Kg/h
S/M-KTW – F150	CP-H 60	ca. 10 – 1500 Kg/h
S/M-KTW – F200	CP-H 100	ca. 10 – 2000 Kg/h
S/M-KTW – F250	CP-H 100	ca. 10 – 2500 Kg/h

* **Material:** powder, apparent density up to 200 - 300 g/l

Example:

Stand-alone device „**GraviCon CPH 42**“
incl. material storage container & operating
station (photo incl. weighing technology, optional)



Application:
Wood profil