

Integrated, continuous gravimetric weighing system (S/M-KTW-S)

For weighing and dosing of poorly flowing materials

The S/M-KTW-S Model is most suitable for weighing of poorly flowing materials, such as regrind, fibres, wood chips, and powder with high ratio of fillers.



Continuous material flow and constant feeding rates will be guaranteed by integrated agitator (mixer), which provides a barrier free supply and a filled downstream area, permanently.

The unit weight will be measured by a platform load cell and the material throughput will be calculated by loss-in-weight control.

Special Attributes

- Simple mechanical design
- Low wear and low maintenance
- High output range
- Excellent cost-performance ratio

Especially new materials used in extrusion technology are not process able by conventional weighing systems which is due to material deposits and bridging of the material.

To prevent stops in material flow and production interruptions, the weighing system **S/M-KTW-S** has been configured and designed.

The integration of ConPro gravimetrics gives a good possibility for rapid records of apparent density fluctuation, which are a normal feature of the above mentioned materials.

The system is useable as replacement unit for an already installed version and also as a complete new system.

The disposed materials of the components, as stainless steel and aluminium, and the modern AC drive confirm the long lifetime of the system.

Product range:

Model type	Throughput* min. / max.
S/M-KTW – S 20	1 – 200 Kg/h
S/M-KTW – S 40	5 – 400 Kg/h
S/M-KTW – S 60	10 – 600 Kg/h
S/M-KTW – S 80	10 – 800 Kg/h
S/M-KTW – S 100	20 – 1000 Kg/h
S/M-KTW – S 120	20 – 1250 Kg/h
S/M-KTW – S 150	20 – 1150 Kg/h
S/M-KTW – S 200	20 – 2000 Kg/h

* Material: powder, apparent density 500 g/L