GRANO

As a mass flow controller, the GRANO differential dosing scale precisely doses a pre-selected quantity of product and registers the total weight in grams. The differential dosing scale serves as a mass flow meter for the accurate measuring of a given product flow. For an absolutely constant and exact measure of grain mixtures, the differential dosing scale is used below silos, raw product bins and tempering bins.

The scale is suitable as a multifunctional weighing system for measuring moisture, mass flow, weight, temperature and density in the milling industry.

SWISCA
weighing systems

OATS

WHEAT

GBARLEY

CORN

FLAKES

KIBBLED WHEAT

GROATS

Synchronous measurements of humidity, mass flow, weight, temperature and density in milling industries.

Digitalizing data and making data available for electronic data processing is a trend in the milling industry. Fewer errors and falsifications are occurring or errors can be excluded when moisture, mass flow, weight and density are measured at a single point in real time and digitally processed. In the operational processes of a mill operation, digitalisation enables an increase in efficiency and thus an improvement in its economic efficiency. The data generated in digital form with multifunctional measuring systems are also suitable for optimising quality and processes online.

- HIGHEST PRECISION
- ENERGY-EFFICIENT SERVO DRIVES
- IOT COMPATIBLE CONTROL
- COMPRESSED AIR FREE

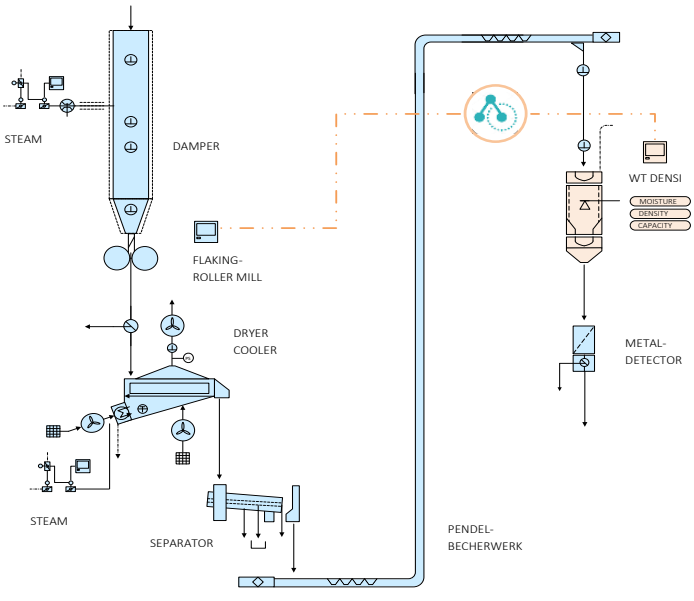

Figure 1: The parameters of flaking and drying are checked in real time and corrected if necessary.

Capacity GRANO-DENSI:

TYPE	Diameter mm	Height mm	Wheat t/h	Barley/Corn t/h	Oats/Malt t/h	Oats flakes t/h
20 M	400	1520	5.6	4.3	3.6	2.2
35 M	400	1640	9.6	7.3	6.1	3.7
65 M	500	1870	19.2	14.6	12.3	7.3

Figure 2: Multifunctional weighing systems not only measure several measured variables simultaneously, but also save energy costs because compressed air is no longer required.