

TECHNICAL DATA SHEET

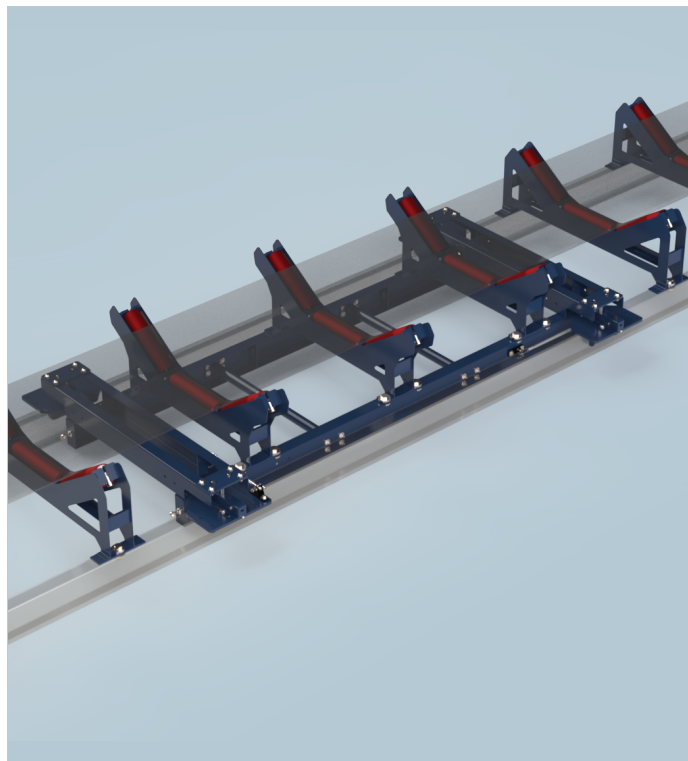
BELT SCALE (BMC)



PRODUCT INFO

- Suitable for flow rates up to 20,000 t/h
- Accuracy up to ± 0.5 % Weighing
- platform for accommodating user's idler sets
- Overload-protected load cells with high degree of protection
- Cable junction box for connection of sensors.
- All fixing elements required for mounting.
- For speed measurement, speed transducers are available
- Installation on conveyor up to 20°
- Better accuracy with adjustable idler frames

Specified accuracies assume that the variant is installed in a suitable belt conveyor and that the measuring station is installed and calibrated in accordance with our installation and calibration instructions.



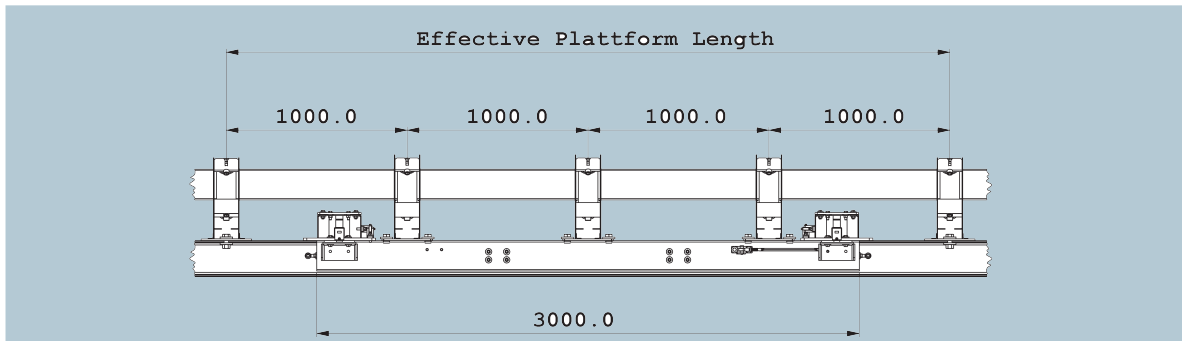
Multi-Idler Belt Weighers are used for continuous acquisition of flow rates and totalized amounts. They are especially designed for integration into continuously operating belt conveyors and enable accuracies of up to ± 0.25 % to be achieved.

Ordering Data

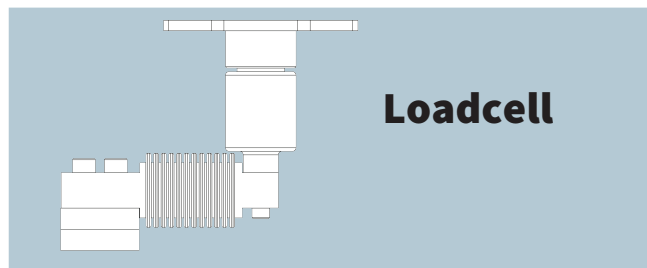
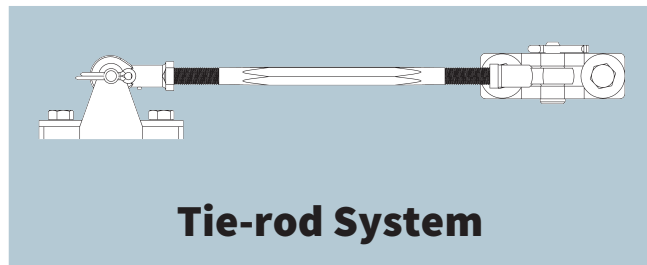
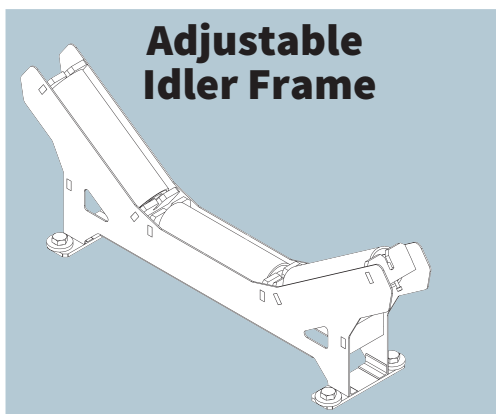
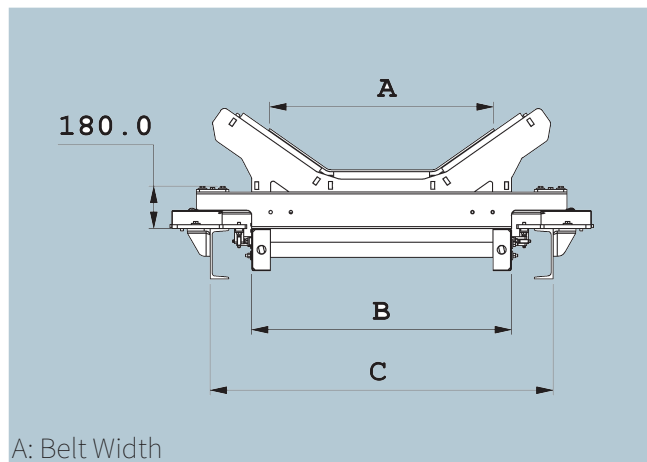
- | | |
|----------------------|-------|
| - Belt width [mm] | _____ |
| - Flow rate [t/h] | _____ |
| - Belt rise [°] | _____ |
| - Belt speed [m/s] | _____ |
| - Accuracy [%] | _____ |
| - Actual flow rate | _____ |
| - Material | _____ |
| - Particle size [mm] | _____ |

Belt Weighers are used to acquire continuous material flows of varying amounts. Load cells acquire the weight of load on particular belt sections. The longer the belt section is, the less the measuring result is affected by external influences. In addition to belt load acquired by load cells, belt speed is measured by a speed transducer. The product of these two variables is the current flow rate. Integration of flow rate determines the totalized amount of material.

TECHNICAL DATA SPECIFICATION



A *	B	C
500	530	570 - 870
650	680	720 - 1020
800	830	870 - 1170
1000	1030	1070 - 1370
1200	1230	1270 - 1570
1400	1430	1470 - 1770
1600	1630	1670 - 1970
1800	1830	1870 - 2170



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