

Belt scale

For rough industrial environments and heavy-duty use.



Advanced weighing and dosing systems for static, dynamic, and continuous weighing.

jesma[®]
weighing solutions

Belt scale

For all types of materials and conveyors

Materials that can be conveyed on a belt, can be weighed on a belt. We have worked with materials such as rocks, wood chips, coal, minerals, different type of bulk materials, and we can also weigh your product.

Our belt scales modules measure flow rate, or mass of the product transported on the conveyor helping to ensure efficiency, accurate measuring, and traceability in your production. We offer different belt scales modules with their own idler roller combination, individual to each unit series -BK – CK, – DK and -EK allowing for easy adaption and adjustments.

Belt scale modules

	BK	CK	DK	EK
Capacity	Up to 800 t/h.	Up to 3.000 t/h.	Up to 12.000 t/h.	From 0,5-30 t/h.
Option for shape	Trough shaped, V-shaped or flat	Trough shaped, V-shaped or flat	Trough shaped, V-shaped or flat	Flat

Robust and dependable scales for rough industrial environments and heavy-duty use.

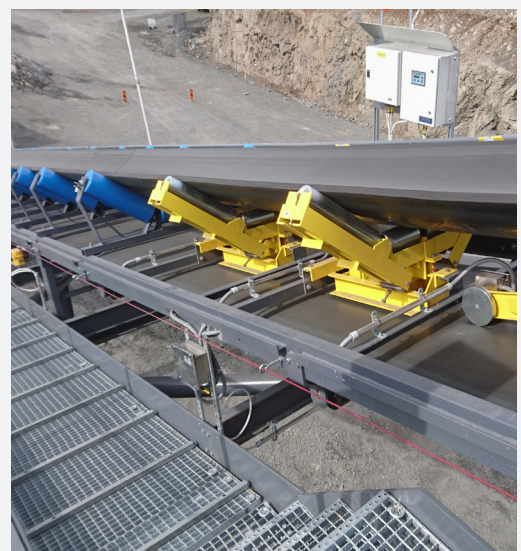


The weighing units can be installed in any ordinary conveyor with minimal disruption of operation. The number of weighing units installed is based on the accuracy requirements.

The Instruments T and A provide control of the weighing operation - with the rugged design and constant reliable performance the instruments are ideal for belt scale operation.

Advantages

- **Reliable** - Robust with few moving parts for minimum maintenance, long product life time, and good economy.
- **Accurate** - From simple flows to precision weighing. Available in EU certification classes.
- **Easy to use** - Clear information in text, alarm and control signals and intelligent automatic calibration.
- **Modular** - Standardized modules for short delivery time, simple installation and spare part availability.



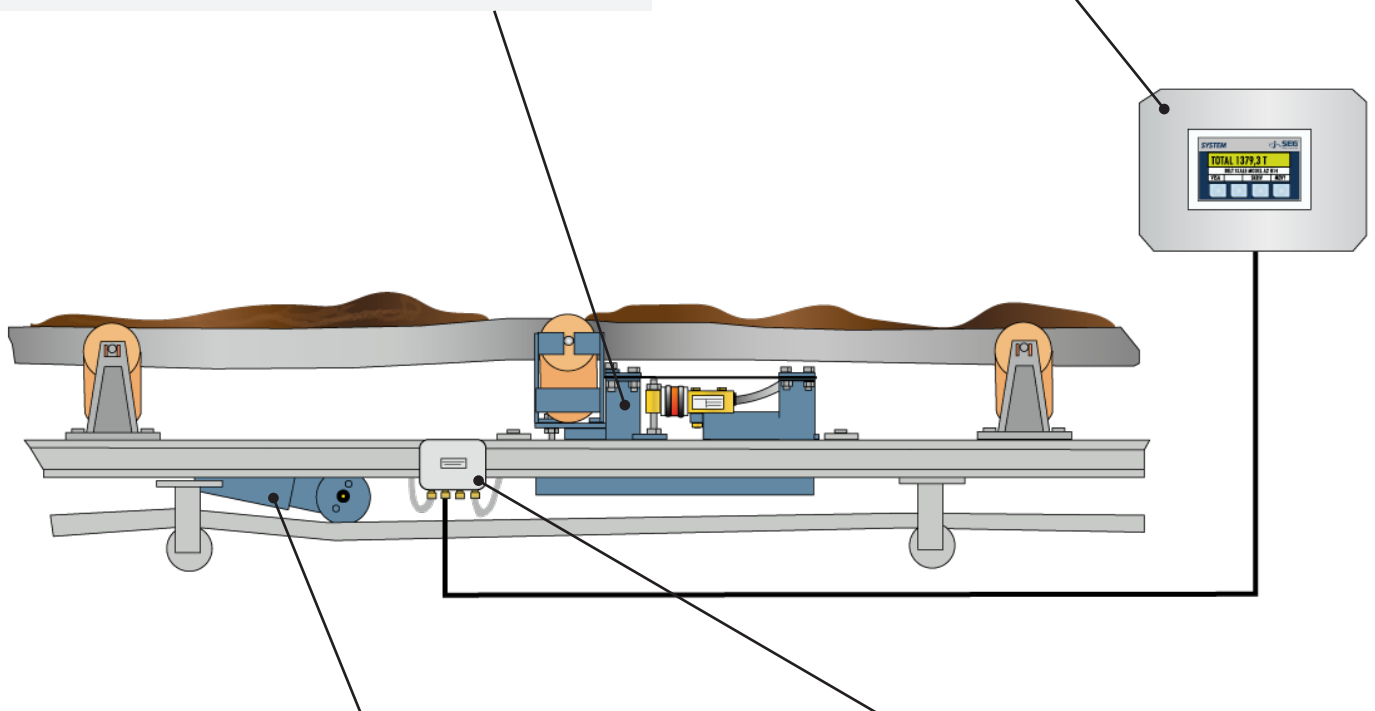
Technical specifications

Belt weighing unit

- Simple installation with min. conveyor intervention.
- Adjustable to existing belt profiles.
- Patented design eliminates side- and friction forces.
- Built in overload protection.
- Heavy duty Load cell in protected location.
- Standard Units for 400-2.500 mm belt width.
- With precision idler set or used with existing idler set.
- Up to 12.000 t/h.

Control console

- From simple flow to advanced systems with regulator, load out, and control.
- Water proof user panel with large keys.
- Clear alphanumeric text display.
- Built in functions for alarm, control, and calibration.
- Interfaces with regulators, printers, and PLC's.
- Stainless steel enclosure for wall or panel mount.



Tacho meter

- Measures the speed of the belt.
- Can measure directly on the belt or on the trail drum.

Connection Box

- Connects weighing units and tachometer.
- Stainless steel enclosure.



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