

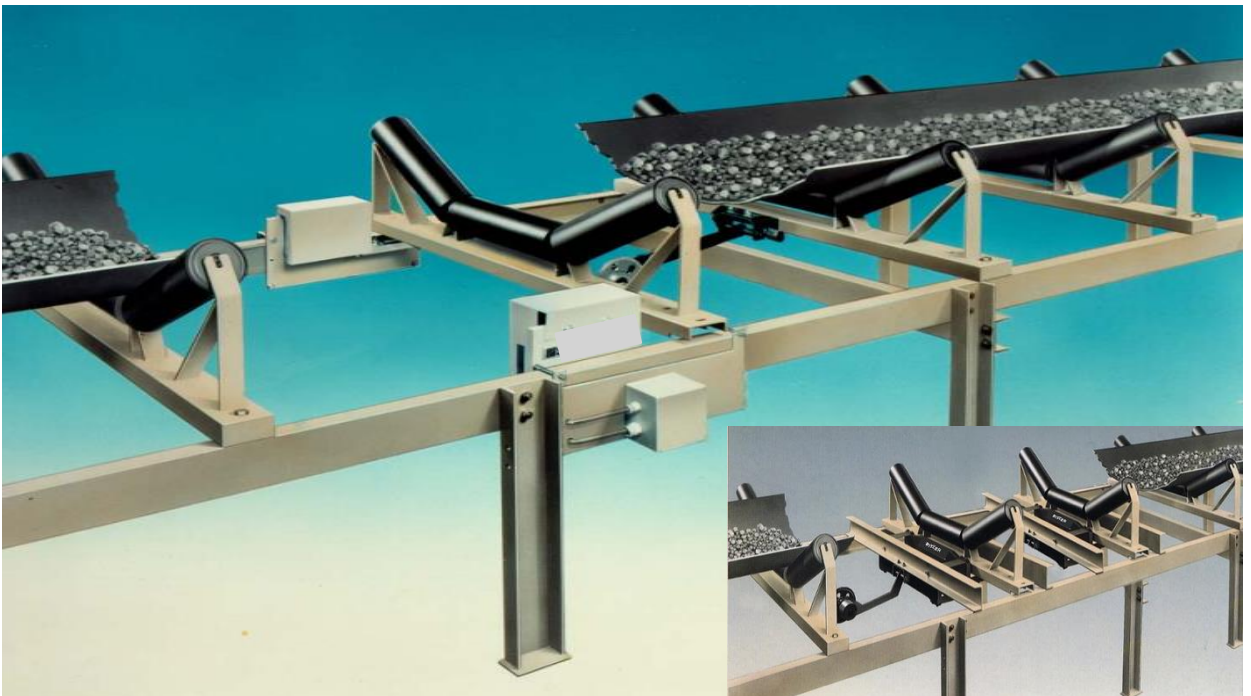
Belt Weigher

for the continuous measurement of bulk material in belt conveyor systems

Belt weighers are installed into belt conveyor systems for the continuous measurement of bulk material.

Belt weighers are available as single-idler and multi-idler systems.

The belt weigher measures the weight of the material on a certain section of the belt conveyor by means of load cells.



Example: Single-idler belt weigher

Example: Multi-idler belt weigher

- ▲ By default, designed for performances between 45 - 700 tons / h
- ▲ Accuracy $\pm 1\%$, in case of ideal installation conditions
- ▲ Legal for trade belt weighers available (for multi-idler belt weighers)
- ▲ Suitable for use in ATEX Explosive Atmospheres
- ▲ Also suitable as metering belt weigher and loading scale

More information under www.bitzer-waage.de
– just scan the QR Code -



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Belt weighers are by default available with the following technical data:

Belt width	Roller distance	Accuracy	Performance at 1 m/sec. and 1 t/m ³	Belt inclination
400 mm	800 – 1000 mm	± 1%	approx. 45 t/h	The size of the belt inclination angle must ensure that no relative movement of the material is possible.
500 mm	800 – 1000 mm	± 1%	approx. 80 t/h	
650 mm	800 – 1000 mm	± 1%	approx. 140 t/h	
800 mm	1000 – 1250 mm	± 1%	approx. 215 t/h	
1000 mm	1000 – 1250 mm	± 1%	approx. 350 t/h	
1200 mm	1000 – 1250 mm	± 1%	approx. 515 t/h	
1400 mm	1000 – 1250 mm	± 1%	approx. 700 t/h	

Depending on the type of belt weigher the following weighing terminal e.g. can be used:

Weighing Terminal INTECONT Tersus

- designed for calibratable (legal for trade) and non-calibratable belt weighers

- ▲ Compact weighing terminal for continuous measurement systems
- ▲ High level of user comfort
- ▲ Automatic adjustment programmes
- ▲ High definition LCD display, multi-coloured
- ▲ Several operating languages can be chosen and also refitted
- ▲ Ideal communication structures for field-bus and ethernet networks
- ▲ Option: calibratable belt weigher (legal for trade)

