Reliable

Reliable measurement despite changing belt tension and vibrations

Cost effective

Optimal mass flow measurement allows exact accounting of bulk solids

User friendly

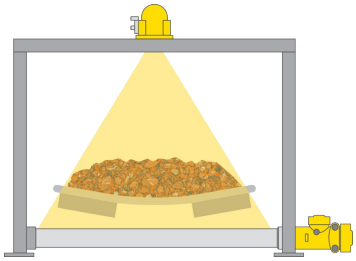
Maintenance-free operation

Conveyor belt

Mass flow measurement on conveyor belts

Bulk aggregates are fed into production processes via conveyor belts or screw conveyors. For effective feed control to and from these processes, or inter-production unit billing, the mass flow of the conveyed bulk material must be measured. A reliable belt-weighing scale system and mass flow rate ensures accurate measurement and smooth operation of the plant.

More details



WEIGHTRAC 31

Radiometric mass flow measurement of solids on conveyor belts

- Reliable measurement, independent of dust and dirt
- Accurate and repeatable mass flow measurement
- Wear-free, contactless weighing

Show Product

VEGASOURCE 81

Source holder as receptacle for the radiation capsule

- High operational reliability with pneumatic actuation of the source holder
- Effective shielding allows minimal use of control areas
- Minimal space requirement and simple installation

Show Product

PRO

WEIGHTRAC 31 Show Product	VEGASOURCE 81 Show Product
	
Measuring range - Distance -	
Measuring range - Pressure -	
Process temperature -40 ... 60 °C	
Accuracy 1 %	
Materials, wetted parts No wetted material	
Seal material no media contact	
Housing material Aluminium Stainless steel (precision casting)	
Protection rating IP66/IP67	
Output Profibus PA Foundation Fieldbus Four-wire: 4 … 20 mA/HART	
Ambient temperature -40 ... 60 °C	