

Reliable

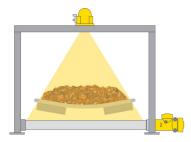
Reliable measurement despite changing belt tension and vibrations

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 31

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



WEIGHTRAC 31 Show Product	VEGASOURCE 31 Show Product
Measuring range - Distance	Ambient temperature
-	-20 80 °C
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	