

#### Reliable

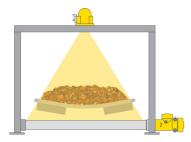
Reliable measurement despite changing belt tension and vibrations

## 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	