Reliable

Reliable mass flow measurement, unaffected by environmental influences

Cost effective

Long service life thanks to robust measuring system

User friendly

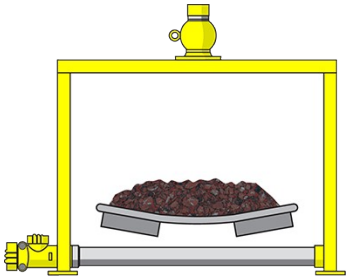
Simple installation on existing conveyors

Conveyor belts for coal

Mass flow measurement on conveyor belts

For optimal quantity measurement of the coal being conveyed to the power plant or to the individual boilers, a continuous flow of material must be ensured. Throughput measurement on the conveyor belts accurately determines the amount of coal transported.

More details



WEIGHTRAC 31

The radiation-based measuring system delivers reliable mass flow data, thus enabling optimization of coal throughput

- Maintenance-free through non-contact measurement
- Reliable mass flow measurement, unaffected by environmental influences
- Long service life thanks to non-contact measuring system

Show Product

VEGASOURCE 31

The source container holds the radiation capsule and protects it from external influences

- Minimal space requirements and simple mounting
- Pneumatic opening and closing ensures high operational safety
- Dependable shielding also allows use without a control area

Show Product

PRO

WEIGHTRAC 31 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

VEGASOURCE 31 Show Product

Ambient temperature -20 ... 80 °C