

# DIFFERENTIAL-DOSING WEIGHING SCALE

## TYPE: HDD



### APPLICATION AND OPERATION:

HERWEG<sup>®</sup> Differential Dosing Weighing Scales are selected when an accurate weighing and controlling of the product flow of all kind of bulk material is requested. A free flowing of the bulk products on vibrating feeders is precondition.

#### Areas of application:

- Feeding of continuous mixers, dosing-in of colouring agents
- Feeding of continuous heat-treating kilns, dosing-in of alloy materials
- Batch systems for various industries (food- and base material industry)
- dosing-in of spices

### REFERENCE PLANTS:

- IKO-Minerals – D-Marl / Batch controlling for foundry auxiliary material
- Alcoa-Chemie – NL-Rotterdam / primary material for aluminium production
- Armstrong – DLW – Bietigheim-Bissingen / Dosing of synthetic granules

### TECHNICAL DATA:

Execution:	Dosing feeder FDLT with Platform Weighing Scale and evaluation device HDD03-1
Dimensions:	Platform Weighing Scale with 4 load cells from 250 x 400 mm up to 500 x 900 mm (other dimensions are possible)
Height:	50 mm up to 80 mm
Capacity:	4 kg/h – 5 t/h
Weighing- and dosing accuracy:	0,5 % (product dependent)

### YOUR BENEFITS:

- Feeding and dosing of bulk material in one single operation
- Rigid and industry-suitable compact design
- High dosing- and weighing accuracy
- High endurance due to high-quality materials
- Several standard- and statistic functions
- The evaluation device can be combined with all programmable logic controllers (PLC)
- 4 load cells increase the stability and ensure an uncritical vibration behaviour of the platform