

# MULTIPLE ROLLER BELT SCALE, EBW-M4 (M3)



**AES**  
ADVANCED ENGINEERING SYSTEMS



for installation into existing conveying belt systems

## TECHNICAL DATA:

Conveying material:	<b>Bulk materials</b>
Conveying capacity:	<b>1 t/h - 10000 t/h</b>
Belt speed:	<b>0,1 m/s up to 5 m/s</b>
Belt width:	<b>300 mm up to 2800 mm</b>
Bulk density:	<b>100 kg/m<sup>3</sup> - 4000 kg/m<sup>3</sup></b>
Granulation:	<b>dusty to coarse-grained</b>
Inclination:	<b>horizontal up to 20 degrees increasing or decreasing</b>
ATEX:	<b>versions available</b>
Accuracy:	<b>± 0,125 - 0,5 %</b>

If required customized special solutions are available!

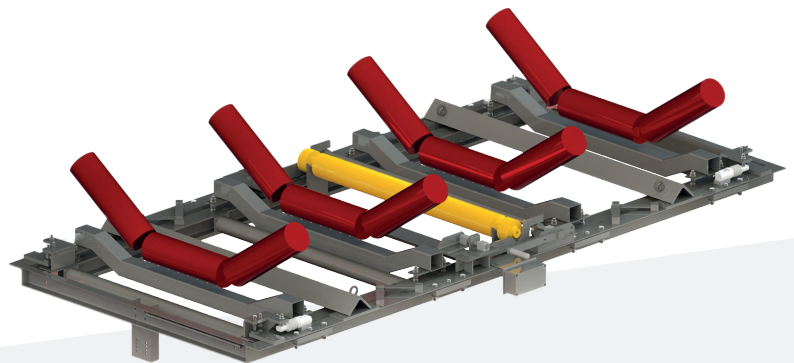
## REQUIREMENTS:

straight section in the area of the scale and appropriate setting distance after material transfer

## SIGNIFICANT BENEFITS:

- | easy construction
- | easy installation in existing systems
- | test weight for an easy and quick check of the weighing accuracy
- | versatile in use
- | minimal maintenance works
- | heavy duty design)

Construction material and minerals | Gypsum | Cement | Steel | Chemistry | Coal | Waste industry | Plastics | Food | Animal feed | ...



## FUNCTION OF THE MULTIPLE ROLLER BELT SCALE, EBW-M4

Scales of the series EBW-M4 (M3) are suitable for installation into existing conveying belt systems. They are used for measuring and totalizing of bulk material flow. The multiple roller belt scale is applied for very high accuracy requirements and if the belt speed is very high. The transmission of the load to the load cell will be conducted by leverage or the weighing bridge is mounted on several load cells. For the speed measuring a digital tacho is provided which is either running on the return belt or attached to the tail pulley.

Optionally the scale can be equipped with a test weight device, which serves for a quick and easy checking of the weighing accuracy.

Legal for trade versions are available (MID)!

For Info and Pricing please contact: [william@gate.net](mailto:william@gate.net); Cell: +1 (786) 877-5426

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