

MULTIPLE ROLLER BELT SCALE, EBW-M2



AES
ADVANCED ENGINEERING SYSTEMS

hukla
WEIGHING TECHNOLOGY
SINCE 1933

for installation into existing conveying belt systems

TECHNICAL DATA:

Conveying material:	Bulk materials
Conveying capacity:	1 t/h - 10000 t/h
Belt speed:	0,1 m/s up to 3 m/s
Belt width:	300 mm up to 2800 mm
Bulk density:	100 kg/m³ - 4000 kg/m³
Granulation:	dusty to coarse-grained
Inclination:	horizontal up to 20 degrees increasing or decreasing
ATEX:	versions available
Accuracy:	± 0,25 - 0,5 %

If required customized special solutions are available!

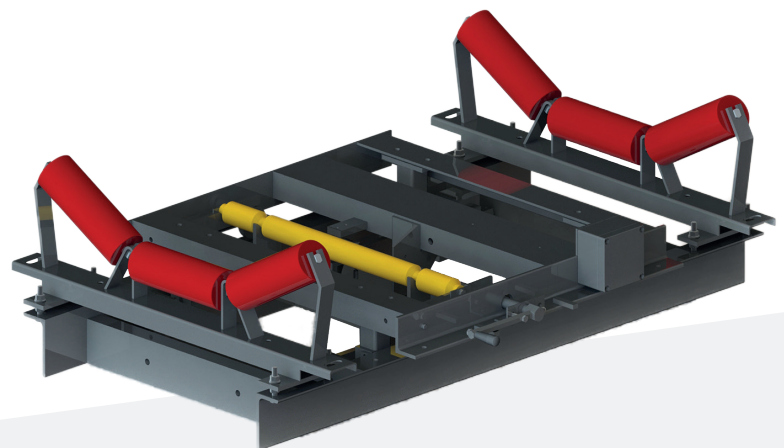
REQUIREMENTS:

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-M2

Multiple roller belt scales of the series EBW-M2 are suitable for installation into existing conveyor belt systems. They are used for measuring and totalizing of bulk material flow. For the weight measuring two modified roller stations are mounted onto the belt scale. The transmission of the load to the load cell is done by a leverage. By that very stable conditions are created. The multiple roller belt scale is applied for very high accuracy requirements and if the belt speed is very high.

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 inquiries and pricing please contact: info@advengsys.com

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