

PIPE-CONVEYOR SCALE, EBW-M-R-Ø



AES
ADVANCED ENGINEERING SYSTEMS



for installation into existing pipe conveying belt systems,
Innovation by KUKLA

TECHNICAL DATA:

Conveying material:	Bulk materials
Conveying capacity:	10 t/h - 3000 t/h
Belt speed:	0,5 m/s up to 5 m/s
Pipe diameter:	200 mm up to 500 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:	± 1,0 - 3,0 %

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

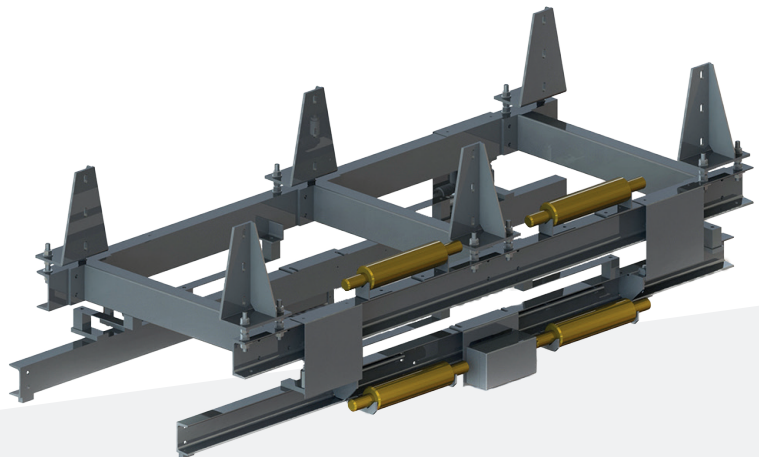
If required customized special solutions are
available!

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)



FUNCTION OF THE PIPE CONVEYOR SCALE, EBW-M-R-Ø

Multiple roller belt scales of the series EBW-M-R-Ø are constructed specifically for an installation into existing „pipe conveyors“. The modified roller stations are beared over a roller station bridge onto the load cells, therefore this type of scale can also achieve a high precision. They are used for measuring and totalizing of bulk material flow. 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.

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