WEIGH FEEDER FOR ALTERNATIVE FUELS E-DBW-A (H)

in completely closed or open design

TECHNICAL DATA:

Conveying material:	**Bulk materials**
Conveying capacity:	**0,1 t/h - 6000 t/h**
Belt speed:	**depending on the set point and the belt load**
Belt width:	**800 mm - 2400 mm**
Bulk density:	**50 kg/m³ - 1000 kg/m³**
Granulation:	**fine-grained to coarse-grained**
Inclination:	**hoizontal up to 8 degrees increasing or decreasing**
Adjustment range:	**1:10 (upgradeable up to 1:50 with feedback-encoder)**
ATEX:	**versions available**
Accuracy:	**± 0,5 - 1,0 %**

If required customized special solutions are available!

REQUIREMENTS:

stable vibration-free substructure

SIGNIFICANT BENEFITS:

- test weight for an easy and quick check of the weighing accuracy
- integrated belt steering and tensioning device
- versatile in application
- minimal maintenance

Cement industry | Power plants | Power Plant supply companies | Waste management |

FUNCTION OF THE WEIGH FEEDER FOR ALTERNATIVE FUELS, E-DBW-A (H)

This weigh feeder is used to continuously feed alternative fuels with different material properties and flow characteristics into cement kilns or boilers. For applications with dusty bulk materials and for systems requiring complete air exclusion, totally closed systems of series E-DBW-H are used. Alternative fuels often are delivered uncleaned, different in size and therefore they are very sticky and difficult to feed. Especially for this application KUKLA has developed a discharge device with an eccentric-moved sheet, which ensures a homogeneous belt load.
On customer's request also a fully automatic trough bottom cleaning device is available. KUKLA weigh feeders are built on a solid steel frame, in order to guarantee the stability required for high-precision measuring. Each KUKLA-standard scale is provided with a test weight device, which permits an easy and quick check of weighing accuracy within a few minutes. An integrated weight-loaded belt steering and tensioning device ensures high accuracy and high reliability.

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