

Belt scale - Module DK

DK - For high precision belt weigher

The weighing unit DK is used in belt conveyors with capacity from 600 t/h to about 12.000 t/h depending on the conveyor specifications.

The weighing unit replaces one or more of the conveyor idlers and forms the weight sensing component in the weighing system.

The DK, belt scale model, with it's modular design is adaptable to any common conveyor type.

Benefits

- Easy to install with a minimum of modifications to the conveyor.
- Adjustable trough angle.
- Fine adjustment of roller height allows easy and accurate adjustment.
- Precision manufactured rollers.
- Available with Epoxy coating.
- Approvable according to OIML R50 Class 0,5 | 1 | 2.

Features

- Up to 12.000 t/h.
- Down to 0,1 % accuracy.
- Belt Width 1000-2400 mm.
- Uses strain gauge load cells.

Application

Legal
trade

Flow
indication

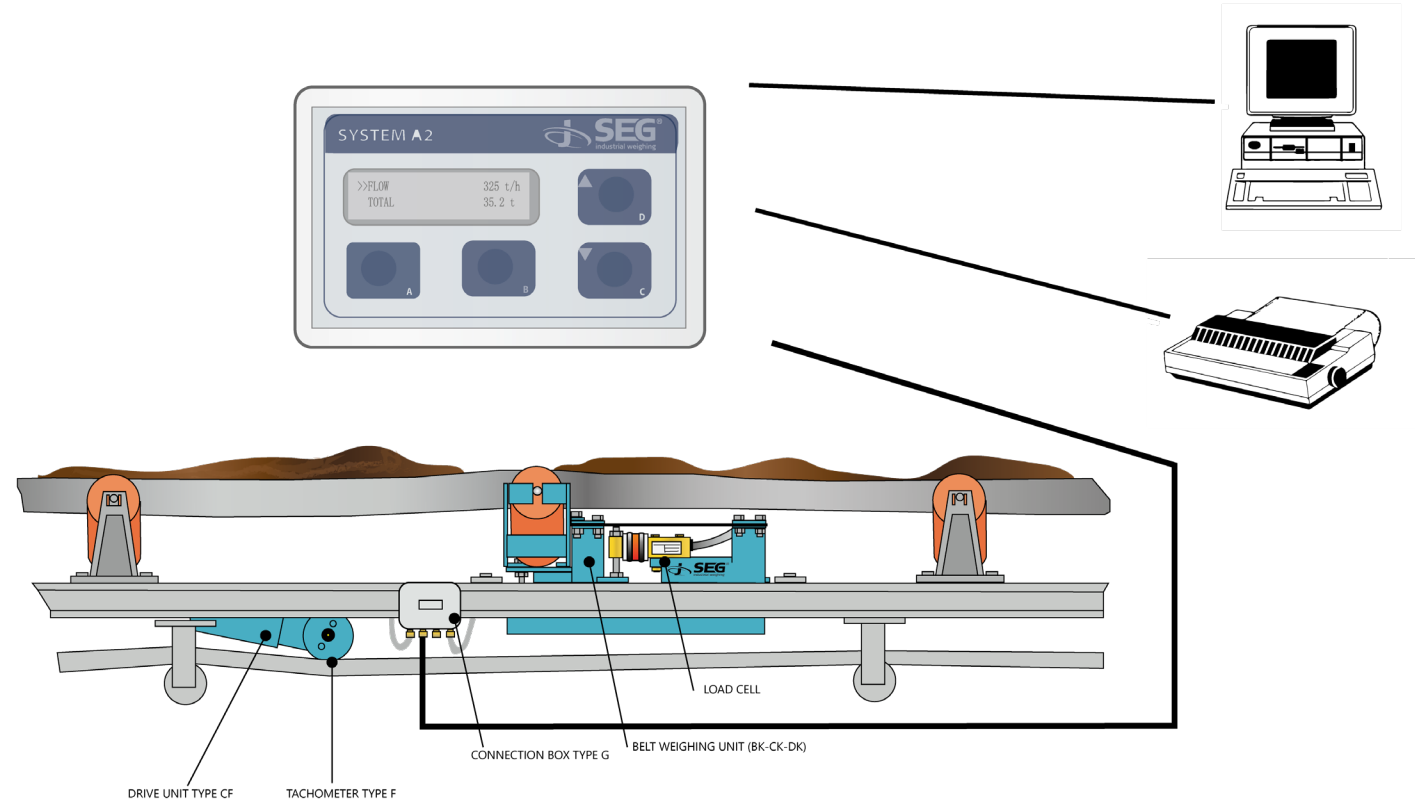
Totalising

Load out

Control



Typical installation of a belt weigher



Tachometer type F spec. F13-3E	Sensor for measuring the belt speed
Drive unit type cf spec. F13-3E	The drive unit gives the tachometer, with it's measuring wheel, a definite contact pressure against the conveyor belt. The Tachometer can also be assembled directly on the end dru
Connection box type g spec. F13-19E	Connection box for connecting the load cell and the tachometer to the belt weighing instrument.
Load cell type k spec. F31-16E	The belt weighing unit is designed with S-E-G Load cells.
Belt weighing instrument	Instrumentations are available ind ifferent models for various applications Systems: A2-H14, A2-H15, T3-830, & T3-850
Additional	The belt weighing unit is as a standard delivered in blue enamel. Option for epoxy coating.