

Belt scale - Module CK

CK - For high precision belt weigher

The weighing unit CK is used in belt conveyors with capacity up to 3.000 t/h.

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

The CK, belt scale model, with its 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 in stainless steel.
- Type approved with S-E-G instrument controller according to OIML R50 Class 0,5 | 1 | 2.

Features

- Up to 3.000 t/h.
- Down to 0,1 % accuracy.
- Belt Width 800-1600 mm.
- Uses strain gauge load cells.

Application

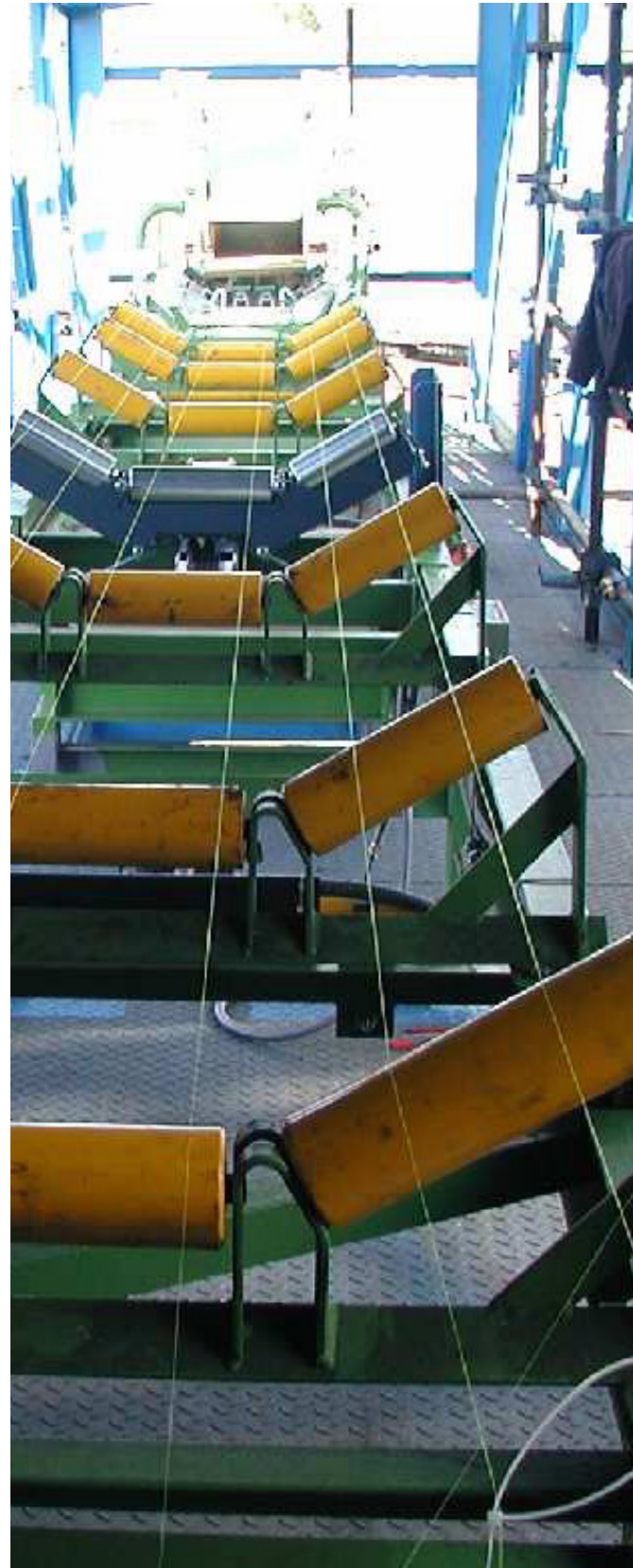
Legal
trade

Flow
indication

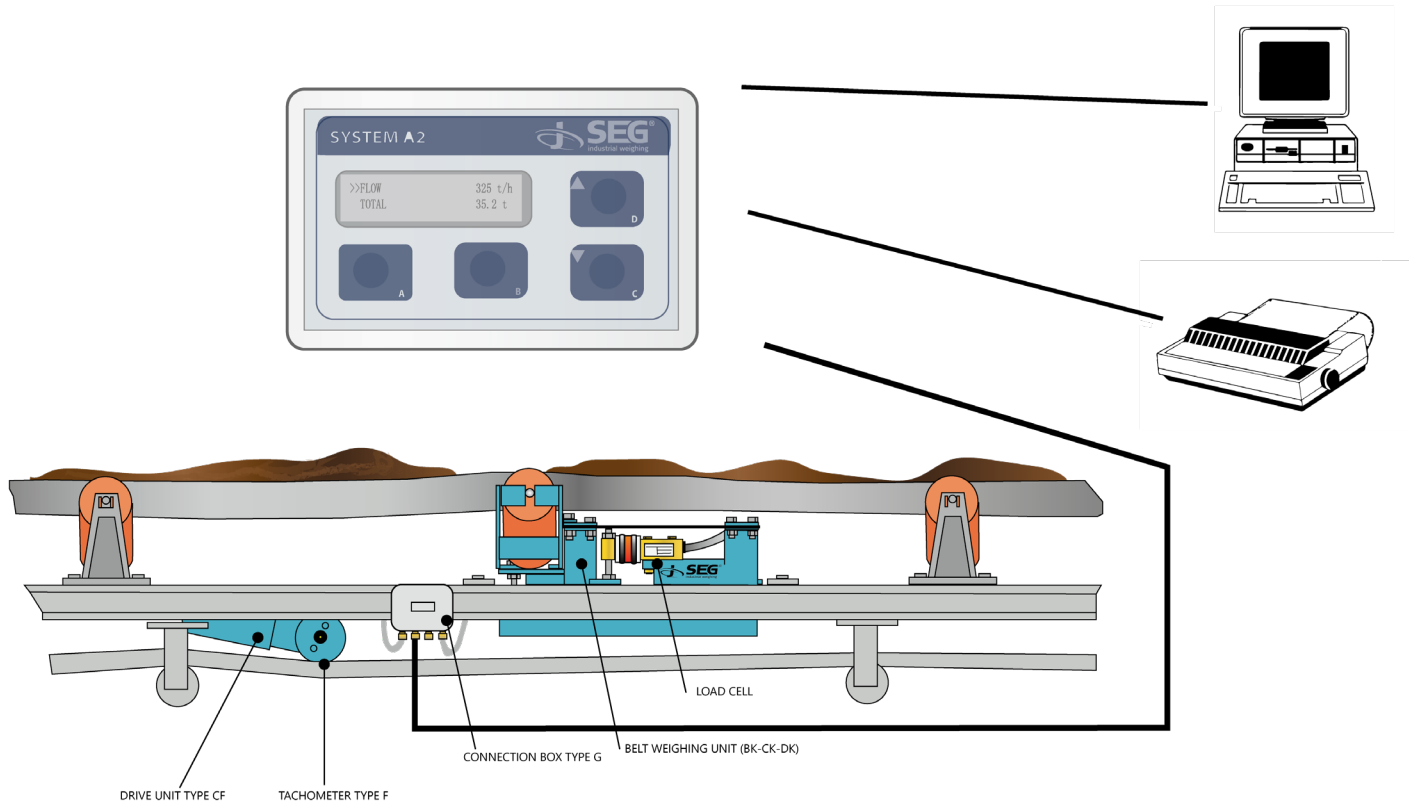
Totalising

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 its measuring wheel, a definite contact pressure against the conveyor belt. The Tachometer can also be assembled directly on the end drive

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 in different 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.