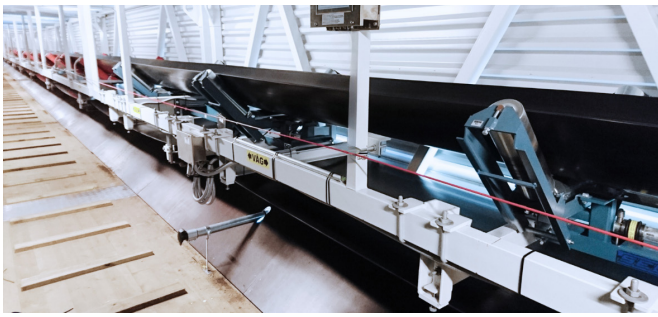
Belt scale - Module BK

BK - For high precision belt weigher

The weighing unit BK is used in belt conveyors with capacity up to approxx. 800 t/h.

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

The weighing unit can either be used together with an adapter for accomodation of an existing idler set, or with an adjustable S-E-G precision idler set with trued and balanced rollers.



Benefits

- Easy to install with a minimum of modifications to the conveyor.
- Adapts to most existing conveyor type sets.
- Type approved with S-E-G instrument controller according to OIML R50 Class 0,5 | 1 | 2.

With S-E-G precision idler set (option)

- Adjustable through angle.
- Fine adjustment of roller heights, for easy and accurate adjustment.
- Precision manufactured rollers.

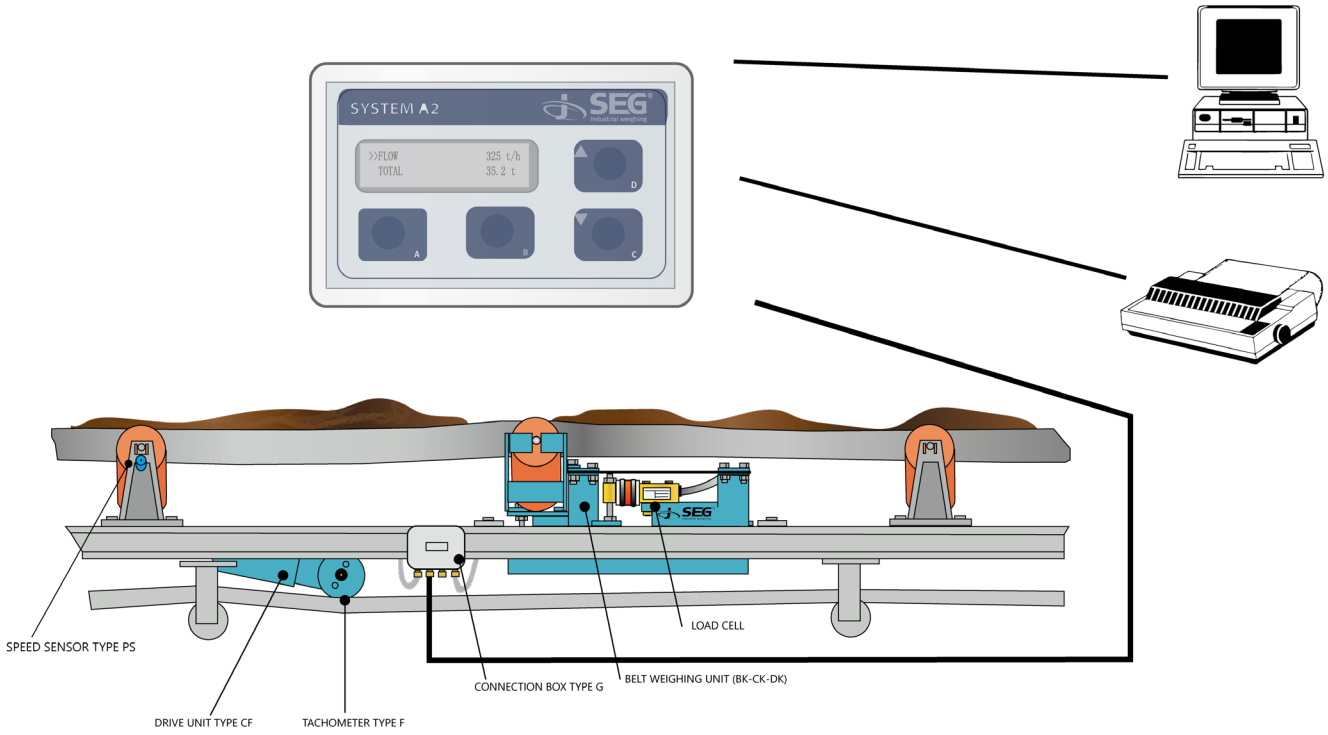
Features

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

Application

Legal trade | Flow indication | Totalising | Load out | Control

Typical installation of a belt weigher



Tachomter type F spec. F13-3E	Sensor for measuring the belt speed
Speed sensor type ps spec. F13-5A	Alternative pulse 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 availble 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.