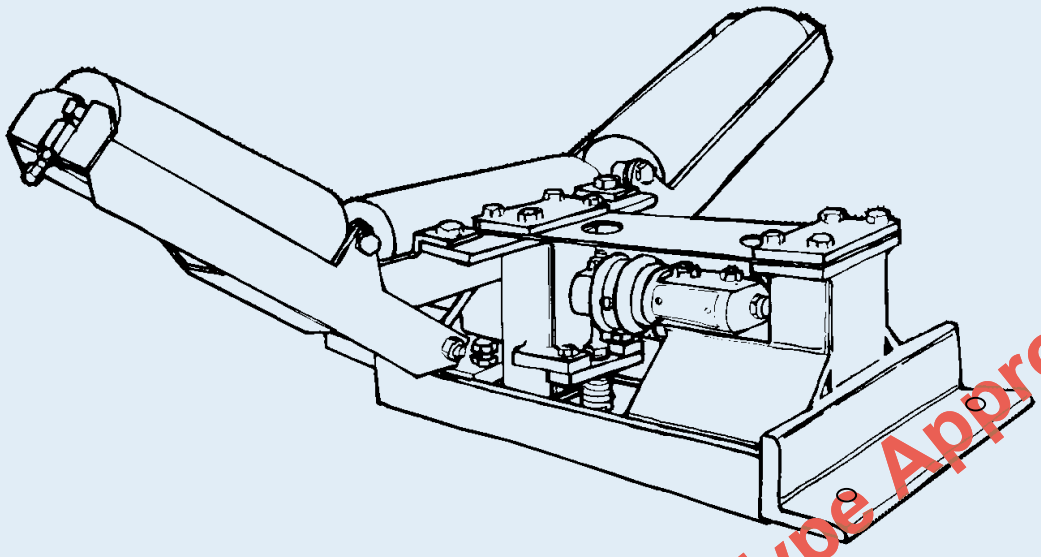
BELT WEIGHING UNIT AK

For high precision belt weighers



TAC, **T**ype **A**pproval **C**ertificate, according to OIML R50:1997 Class 0.5, 1 and 2

Belt weighing unit AK

The weighing unit AK is used in belt conveyors having capacities from a few tonnes/h to about 800 tonnes/h. The weighing unit replaces one or more of the conveyor idlers and forms the weight sensing component in the S.E.G. belt weighing system.
The weighing unit AK, featuring in a modular design, is a complete unit adaptable to any common conveyor design.

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

Features

- Up to 800 tonnes / h
- Down to 0,1% inaccuracy
- Belt width 500 - 1300 mm
- Uses strain gauge Load cells
- Type approved (TAC) together with S.E.G.'s type approved belt weighing instruments.
- Overload protection (optional).

Applications

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

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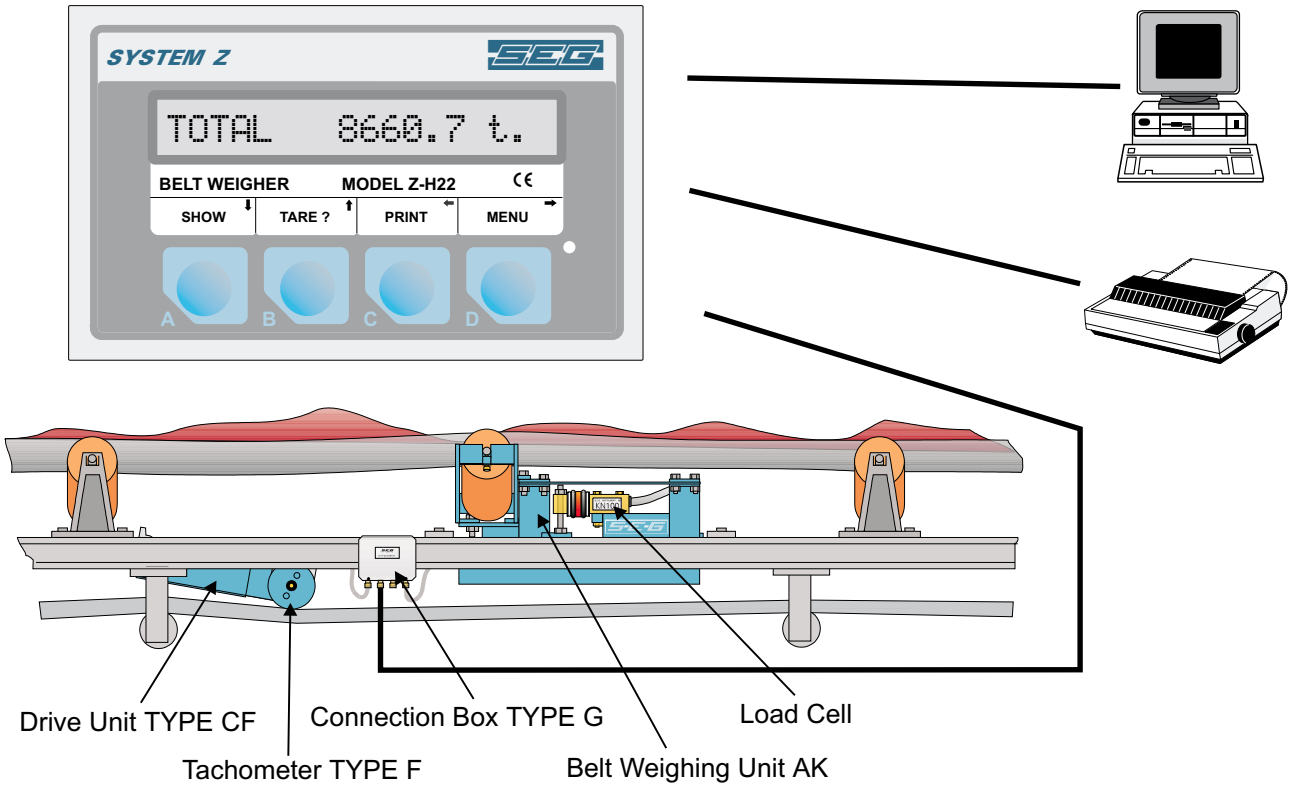
Typical installation of a Belt Weigher



Tachometer TYPE F
Spec.F13-3

Sensor for measuring the belt speed.

Drive Unit TYPE CF
Spec.F13-3

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 drum.

Connection Box TYPE G
Spec.F31-19

Connection Box for connecting the load cell and the tachometer to the belt weighing instrument.

Load Cell
Spec.F31-16

The Belt Weighing Unit is designed for S.E.G. strain gauge Load cells.

Belt Weighing Instrument

The Belt Weighing Unit AK is Type Approved together with S.E.G.'s Type Approved Belt Weighing Instruments.

ADDITIONAL

The Belt Weighing Unit AK can be delivered painted in blue (standard), epoxy painted or in Stainless Steel