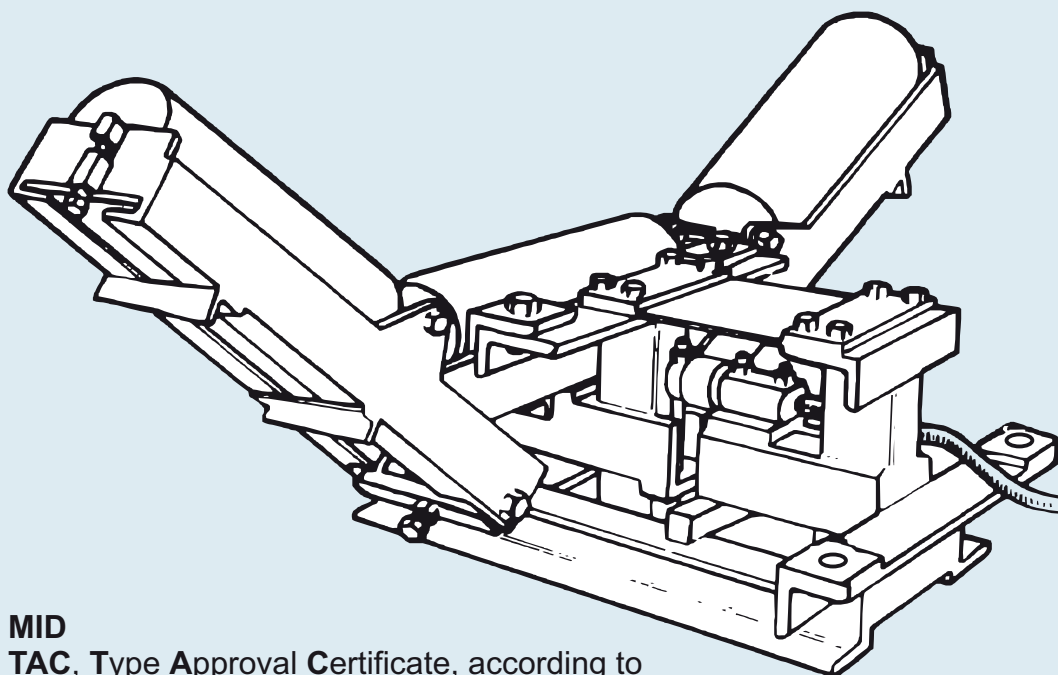




# BELT WEIGHING UNIT CK

For high precision belt weighers



**MID**  
**TAC**, Type Approval Certificate, according to  
 OIML R50:1997 Class 0.5, 1 and 2

*Belt weighing unit CK*

The weighing unit CK is used in belt conveyors having capacities up to about 3000 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 CK, 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

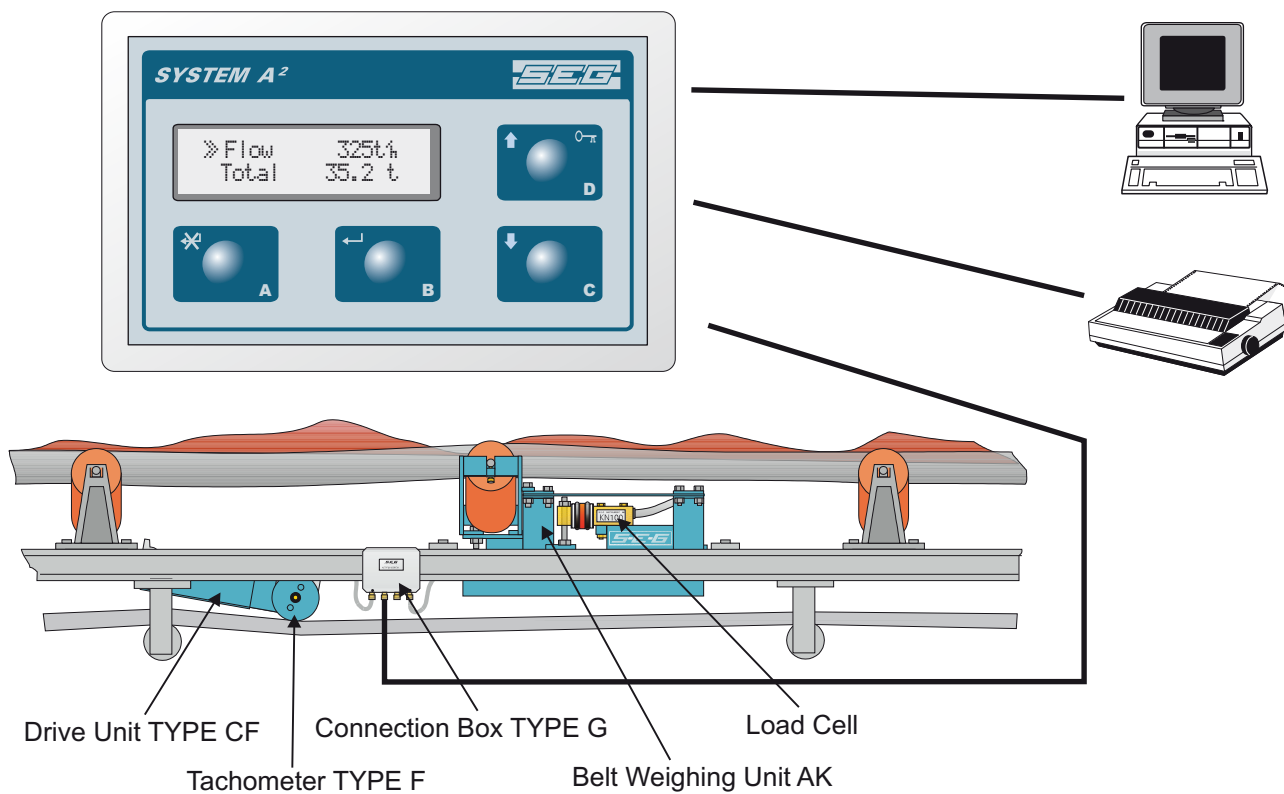
- Up to 3000 tonnes / h
- Down to 0,1% inaccuracy
- Belt width 800 - 1600 mm
- Uses strain gauge Load cells
- Type approved together with S.E.G.'s type approved belt weighing instruments.

## Applications

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



## 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 its 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. Load cells.

**Belt Weighing Instrument**

Instrumentations are available in different models for various applications.

**ADDITIONAL**

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

