

# CONVEYOR BELT SCALE

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Bangalore, Karnataka



## Features

- Adding a belt scale to your conveyor system is an excellent way to monitor the flow rate of your material and ensure the accuracy of your totalized weight output.
- Increase the profitability of your operations by monitoring and improving your processes.



## MODEL: ESS-BS CONTROLLER

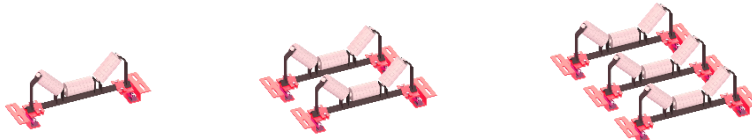
- 7" TFT Color Touch Screen HMI Display
- Supports 4G Gateway device
- Dedicated 3 COM ports.
- USB port for report download and firmware download.

### ➤ Improve profits

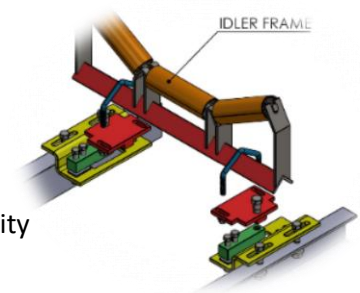
- Increase production while maintaining or lowering your costs
- Reduce energy consumption
- Extend performance of wear parts

### ➤ Increase productivity

- Identify unused capacity to improve asset utilization, resulting in increased plant availability
- Unparalleled global service and support network to guarantee superior product uptime



- Single Idler
  - 2 Loadcells
  - Dual Idler
  - 4 Loadcells
  - Three Idler
  - 6 Loadcells
- High precision based machined mountings for better performance & reliability



Remote Plant Management

- Deliver infrastructure monitoring and end-user experience that is needed for all Crusher, Mineral, Food Processing etc. industries to experience the cloud-based data acquisition & remote management.
- Visualize your all plant's production on single dashboard screen.
- ESSKAY CONNECT available on Windows, Android & iOS platforms.

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- Our smart ESSG02 4G Gateway Series with multi spectrum (GPRS/2G/3G/4G/LTE) network will expand your Data communication over wireless networks with Secure and two-way communication.
- Assure no data loss at any condition because of RTOS and inbuilt Intelligent Logger system will take priority tasks.
- Provided with inbuilt M2M SIM card with one year subscription.



4G Gateway Device

## LOADCELL

ESS4JB series with stainless steel shell for waterproof & dust-proof are mainly used for weighing & speed signal summing connection with zero balance adjustment of weighing signals.

- 4 / 6 loadcells inputs.
- 1 Speed Encoder Input
- 1 Summation output
- IP65 Protection



Stainless Steel Junction Box



Loadcells & Speed Encoder

## LOADCELL

- 100kg/200kg/300kg Loadcells
- IP67/IP68 Protected
- Alloy Steel construction.

## OPTICAL SPEED ENCODER

- Optical Speed Encoder
- 100/500/1024 pulse output
- IP68 Protected

## PANEL ENCLOSURE

- Protected from rain, dust and sunshine
- Dedicated door for regular monitoring
- Protects touch screen display from dust and physical damages.
- Rittal brand panels makes ultimate panel choice.



Rittal Panels