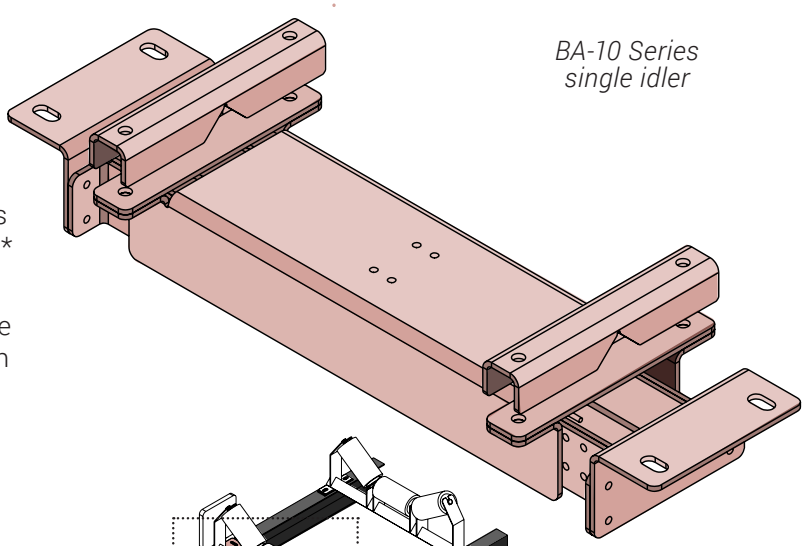
PLATFORM BELT SCALES
BA-10 SERIES

COST-EFFECTIVE AND OFF-THE-SHELF

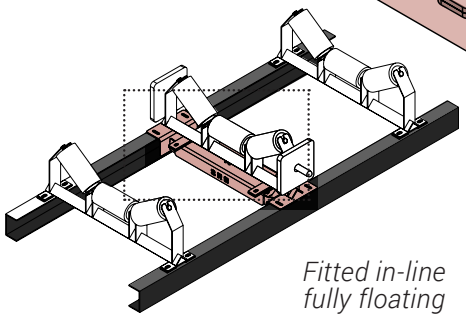
Our BA-10 is a cost-effective, off-the-shelf fully floating belt scale used for process measurement and control. Ideal for low to medium belt loading and speeds with narrower widths.

Design limits zero drift and nonlinearity while keeping costs low. The belt scale has a typical accuracy of 0.5% to 3.0%,** which is maintained in the harshest applications.

It has a single idler frame and provides a compact, accurate and repeatable solution. It is used in monitoring production output and inventory or regulating product load out that requires only basic rate information and totalisation.



BA-10 Series single idler



Fitted in-line fully floating

FEATURES

Fully floating, single weigh idler.

One load cell carriage arrangement.

Suitable for up to 900 mm belt widths.

Direct measurement (no moving parts or pivots).

Factory assembled for one-piece installation.

Mild steel welded to AS1554.1 Class GP, or boltable laser cut stainless steel modular frame.

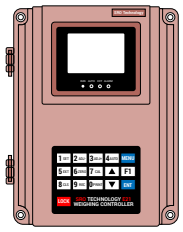
Hermetically sealed steel load cells.

Custom-built precision weigh idlers and frames.

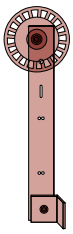
Blasted or bare stainless, galvanised to AS4680:2006 or painted to customer specification.

Supports a wide range of control electronics from all major manufacturers.

SRO-designed sunshades and IP66 stainless enclosures for environmental protection.



SRO E-21 Integrator



SRO Trailing arm speed sensor

AUSTRALIAN MADE®

More than 30 years experience in weighing industry

SPECIFICATIONS

Belt width: 450 mm to 900 mm*
Number of idler frames: One"
Accuracy: 0.50% to 3.0%**
Construction: Laser cut stainless plates
Finish: Stainless steel as standard
Load cells: One platform load cell
Integrator: SRO E21 as standard
Output: Pulse totaliser, 4-20mA
Operating temperature -10°C to +60°C

OPTIONS

Construction: Welded galvanised steel
Output: Ethernet, profibus, and other serial comms
Integrator: SRO, Thermo Ramsey, Siemens or customer choice
Enclosure: SRO sunshade or IP66 stainless steel
Speed sensors: Trailing arm, tail pulley mount, spiral cage pulley and others

** Depending on loading ** Accuracy depends on speed, environmental conditions and location*

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