

# PIVOTED BELT SCALES BA-2X SERIES

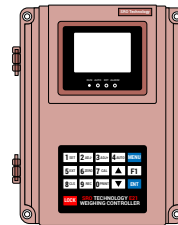
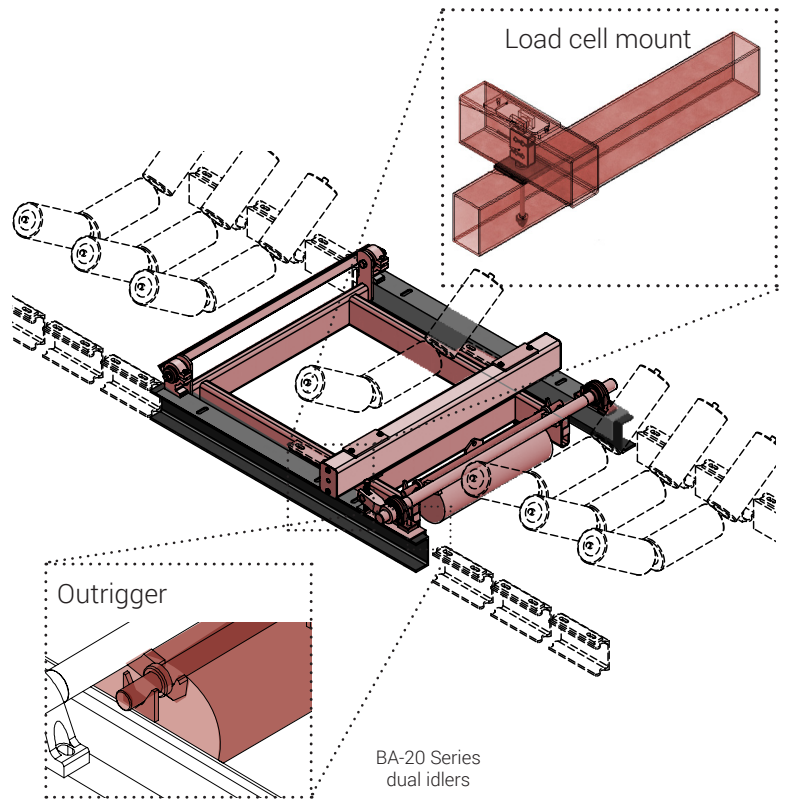
## COMPACT AND VERSATILE

Our BA-2X is a compact, versatile and reliable pivoted belt scale used for process measurement and control. It is particularly useful for low to medium loading and belt speeds.

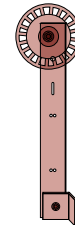
It has a typical accuracy of 0.5% to 2.0%,\*\* maintaining it in the harshest applications. The belt scale comes with a single or dual idler that provides medium accuracy and high repeatability.

## FEATURES

- Pivoted, single or dual weigh idler.
- One or two load cell carriage pivoted arrangement.
- Suitable for up to 1800 mm plus belt widths.
- Factory assembled for robust one-piece installation.
- Mild or stainless steel, welded to AS1554.1 Class GP.
- Hermetically sealed stainless steel tension type 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.
- Counterweight carriage for light loadings.



SRO E-21  
Integrator



SRO Trailing  
arm speed sensor



Over 30 years experience  
in weighing industry

## SPECIFICATIONS

Belt width: 450 mm to 1800 mm* plus
Number of idler frames: One or two
Accuracy: 0.5% to 2.0%**
Construction: Heavy duty mild steel
Finish: Hot dip galvanised as standard
Load cells: One or two S-type load cells
Integrator: SRO E21 as standard
Output: Pulse totaliser, 4-20mA
Operating temperature: -10°C to +60°C

## OPTIONS

Construction: Stainless steel
Output: Ethernet, profibus, and other serial comms
Integrators: 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
Configuration: Counterweight carriage for light loadings

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



# SRO Technology Solutions in Measurement

### NSW

Unit 14/70 Holbeche Road  
Arndell Park NSW 2148  
Ph: 02 9525 3077  
Email: sales@srotechnology.com

### QLD

3/27 Kingtel Place  
Geebung QLD 4034  
Ph: 02 3395 6136

### WA

10 Aitken Way  
Kewdale WA 6105  
Ph: 08 9441 3201

Web: www.srotechnology.com