

# WB-521 Series

## Heavy Duty Weigh Beams



**Two Capacities**

2500 kg / 5000 lb  
5000 kg / 10,000 lb



- **Quick Set-up**– This highly portable scale system is designed with simplicity in mind. In just a few minutes the entire scale is set-up and ready to weigh.
- **Two Weigh Beams**– The system includes two Weigh Beams with built-in carry handles. Each Weigh Beam has 4 m /13' of load cell cable with quick connectors.
- **Display**– Easy-to-read LCD with adjustable brightness
- **Indicator Rating**– IP65 rated waterproof stainless steel enclosed indicator and stainless steel mounting bracket
- **Common Applications**– Fully portable scale system is ideal for weighing pallets, long loads and installations under conveyors, tanks and hoppers. Also suitable for long lengths of pipe or other difficult to handle materials.
- **Internal Filtering**– Adjustable filter setting to reduce environmental vibration noise for rapid setting and quick measurements
- **Pre-Calibrated**



VALUE IN  
WEIGHING

# WB-521 Series Weigh Beams

## Features

Simple to set-up and easy-to-use design  
Equipped with IP65 rated waterproof stainless steel enclosed indicator and stainless steel mounting bracket  
Easy-to-read LCD display  
Tough mild steel weigh beams for heavy industrial use  
Adjustable distance between beams according to the size of the load  
Four broad adjustable rubber feet for maximum stability  
Each beam is only 16.5 kg /36 lb light enough to be carried by one person  
Programmable hold, print, accumulation and check weighing functions  
Geography auto-compensation for local gravity effects to avoid initial calibration with test weights  
Advanced weigh fine-tune feature to make simple calibration convenient  
Adjustable filter settings to reduce environmental vibration noise for rapid setting and quick measurements

## Specifications

**Capacity:** 2500 kg x 0.5 kg / 5000 lb x 1 lb  
5000 kg x 1 kg / 10,000 lb x 2 lb

**Construction:** Mild steel beam with stainless steel housing indicator

**Load Cell:** Four 350 ohm load cells with an output of 2mV/V

**Unit of Measure:** kg, lb, lb:oz, PCS, %

**Display:** 7 digits, 7 segment 25 mm (1") LCD

**Real Clock:** Built-in nonvolatile real time & date

**Function Keys:** N/G, Hold, Print, Unit, Tare, On/Off/Zero

## Specifications

**Zero Range:** Selectable up to full capacity

**Tare Range:** 100% subtractive

**Static Overload Capacity:** 200%

**Calibration:** Front panel access with Geography auto compensation features

**Serial Port:** Full-duplex RS-232 interface, half-duplex RS-485

**Power:** Internal PSU and 6V 4Ah rechargeable battery

**Approximate Battery Life:** 48 hr

**Operating Temperature:**  
-10° C to 40° C / 14° F to 104° F

**Beam Dimension:**  
1200 mm (L) X 100 mm (W) x 60 mm (H)  
47.24" L x 3.94" W x 2.36" H

**Beam to Beam Cable Length:** 4 m / 13'

**Indicator to Beam Cable Length:** 4 m / 13'

**Indicator Dimension:**  
262 mm (L) x 215 mm (W) x 94 mm (H)  
10.3" L x 8.5" W x 3.7" H

**Packing Dimension:**  
1350 mm (L) x 1000 mm (W) x 420 mm (H)  
53" L x 39" W x 16.5" H

**Shipping Weight:** 39.5 kg / 87 lb

**Product Code:**  
816965005628: UK - 2500 kg  
816965005635: UK - 5000 kg  
816965005673: US - 5000 lb  
816965005680: US - 10,000 lb

## Options



a division of Avery Weigh-Tronix, LLC

### Brecknell

1000 Armstrong Dr., Fairmont, MN 56031  
Toll free: 800-637-0529, Tel: 507-238-8702  
Fax: 507-238-8271  
e-mail: sales@brecknell scales.com  
www.brecknell scales.com



### Brecknell

Foundry Lane, Smethwick  
West Midlands B66 2LP UK  
Tel: +44 (0) 845 246 6717  
Fax: +44 (0) 845 246 6718  
Email: sales@brecknell scales.co.uk  
www.brecknell scales.co.uk

