

DSB Series

Floor Scale



- **Rugged Construction**– Thick safety tread top plate with heavy duty welded wide channel supports
- **Trade Approved Load Cells**
- **Capacity**– 3000 kg
- **Finish**– Powder coat paint
- **Load Cells**– Four alloy steel potted load cells
- **Mild Steel**

VALUE IN
WEIGHING

DSB Series Floor Scale

DSB Specifications

J-Box Access: Top access for easy installation and service

4.5 m Interface Cable with quick disconnect

Swivel Leveling Feet: Four top access holes for a quick installation

Threaded Eye Bolts: Two threaded top access eye-bolt holes for easy mobility and pit service (included)

Corner Protection: Closed corners to prevent damage to leveling feet while installing the scale

Floor Scale Material: Mild steel

Finish: Powder coat paint

J-Box Construction: Stainless steel with trim pots

Loadcell Material: Alloy tool steel potted

Loadcell Rated Output: 2mv/V

Loadcell Output Resistance: 350 ohm

Overload Protection: 150% of rated capacity

End Loading: 100% of rated capacity

Operating Temperature: -10° C to 40° C

OIML Certification of Conformity:

R60/2000-NL1-12.32

Product Code:

816965006434: DSB1.2 m x 1.2 m

816965006458: DSB1.5 m x 1.5 m

Data for entering into Welmec 2 Compatibility of Modules Spreadsheet of Brecknell DSB series decks

LOAD RECEPTOR		
Type	DSB 1.2Mx1.2M (3000kg)	DSB 1.5Mx1.5M (3000kg)
Fraction of mpe, p_2	0.5	0.5
Number Of Load cells, N	4	4
Dead Load of Load Receptor, DL	102kg	145kg

LOAD CELL		
Type	LP7110	LP7110
Accuracy Class according to OIML R60, Class _{LC}	C	C
Maximum number of loadcell intervals, n_{LC}	3000	3000
Fraction of mpe, p_3	0.7	0.7
Rated output (sensitivity), C	2mV/V	2mV/V
Input resistance of single loadcell, R_{LC}	385Ω	385Ω
Y	5000	5000
Rated capacity, E_{max}	3000kg	3000kg
Minimum Dead Load, E_{min}	10kg	10kg
Temperature range, T_{min}/T_{max}	-10°C / +40°C	-10°C / +40°C
Test Certificate Number	TC8117	TC8117
Number of load cells per deck	4	4



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