

THE SMART WEIGH™

HD Series Loadbars

HD Series - heavy duty loadbars

The HD loadbars are designed for permanent installations where extra capacity and durability are required. HD loadbars are especially suited for use under cattle crushes. Their industrial strength construction makes them the loadbar of choice for feedlots and cattle operations where there are severe loadings and high usage rates.

The HD Series is heavy duty

The unique foot assembly, which utilises a special load-centering cup, absorbs the tremendous side loads generated by large animals running into the ends of crates and crushes, without damage to the load sensing cells. Loads of up to 3,000 kg are no problem for the HD loadbars, with capacity increasing to a maximum of 6,000 kg when 4 HD loadbars are used together. The use of a heavy-duty galvanised steel housing ensures that the HD loadbar is both strong and resistant to corrosion. To ensure that the HD Series loadbars arrive in good condition each loadbar is individually packaged.

Compatible

Tru-Test indicators automatically identify and calibrate to any Tru-Test loadbar connected. The HD loadbar is therefore compatible with all indicators in the Tru-Test range without the need for further calibration.



Features and Benefits	
Strong	Able to handle heavy duty loads and heavy duty usage.
Expandable capacity	Using a special Tru-Test adaptor, four HD loadbars can be used on one indicator, effectively doubling capacity.
Unique foot assembly design	Absorbs the extreme side loads generated by large animals running into the ends of crates. Allows the HD loadbars to be permanently installed under cattle crushes.
Galvanised	Protects the bar in the very corrosive agricultural environment.
Loadcell sealed against moisture.	Able to be used in outdoor applications while ensuring a long and accurate working life.
Compatible	Can be used with any indicator in the Tru-Test range without the need for additional calibration.
Permanent installation	Designed for installation under crates and crushes. Loadbars can be permanently fastened without the risk of damaging the loadcell.
Extension cables	Extension cables are available if required.
Aircraft grade aluminium loadcell	2000 series aluminium loadcell - strong and lightweight.
Individual packaging	Individually packed loadbars arrive in excellent condition in heavy duty packaging.
Specifications	
Total capacity	2 x HD loadbars = 3,000 kg (6,600 lb) 4 x HD loadbars = 6,000 kg (13,000 lb)
Base resolution with Tru-Test indicators	2 x HD loadbars = 0.5 kg (1 lb) 4 x HD loadbars = 1 kg (2 lb)
Accuracy	+/-1% or 2 resolutions, whichever is greater.
Nominal length	HD800 = 800mm (32") HD1010 = 1010 mm (39")
Bar section width	75 mm (3")
Overall height	100 mm (4")
Foot pad dimensions	80 mm x 250 mm (3" x 10")
Cable length	5 m (16')
Weight (pair)	HD800 = 26 kg (57 lb) HD1010 = 34 kg (75 lb)



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