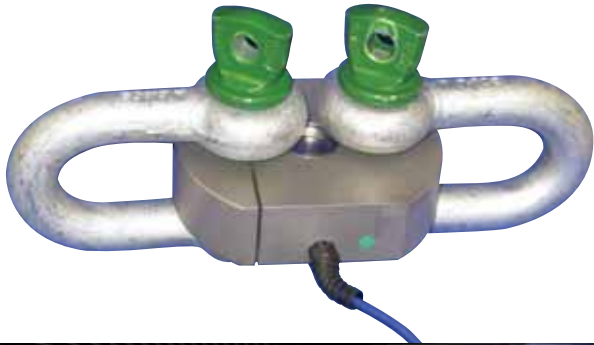


## Load Cells for use with Electric Hoists

Load cells can be added into a LoadGuard Electric Hoist; these are required for under and overload monitoring on BGV C1 hoists, these are generally built into the suspension hook or eye assembly. This can be a more expensive system than having separate load cells which are featured here



### These load cells feature:

- Capacities from 2- 20t
- Simplified installation
- Fully sealed, manufactured from plated tool steel and protected to IP66
- Extremely robust
- With shackle mounting for tension applications
- We can supply a stainless steel version if required

We normally fit XLR 4 pin connectors to enable load cells to be connected into an outside control system. In multiple load cell systems the cables are daisy chained

We can supply control systems to show loading information on a computer screen. See below.

## Fully embedded design Load Cell monitoring system No reliance on PC technology or operating systems Automatic monitoring of up to 100 digital Load Cells

The Load Cell Monitor 100 is a fully featured digital load cell monitoring system, combining powerful setup and reporting features with ease of use.

Using fully embedded processors for ultimate reliability the Load Cell Monitor 100 constantly reads the live weight from each connected load cell.

As well as displaying the weights on its front panel LCD screen, and optionally via a PC full screen display, it also compares the individual weights to user defined maximum weights.

Should any load cell exceed its maximum weight setting an alarm is immediately triggered and a log of the overload event is stored.

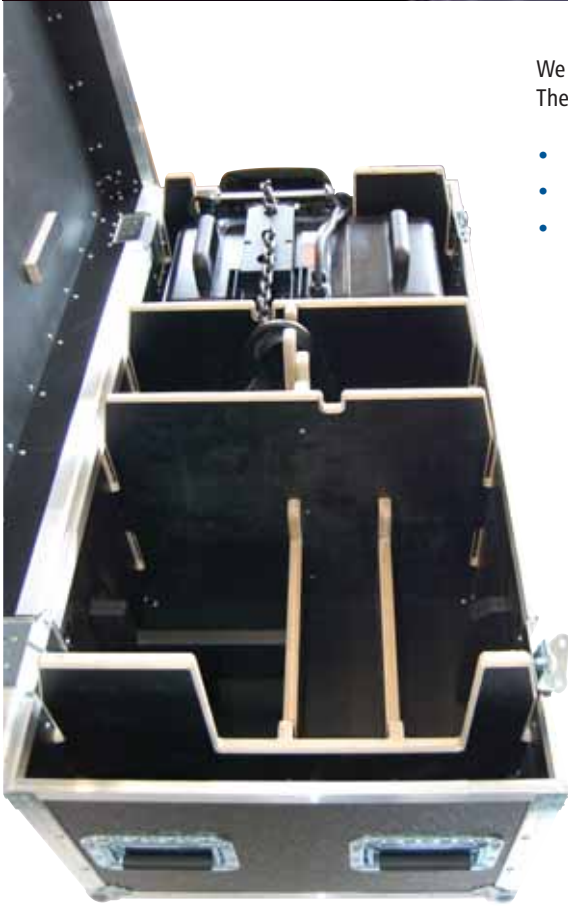
In addition to the front panel sounder and indicator, a relay output provides alarm condition signaling to an external system or high volume sounder.

- Monitoring of up to 100 digital load cells, with maximum weight monitoring
- Log history of alarm events and automatic daily weight readings
- Daisy chain connection of Load Cells using a single cable, with power provided by the Load Cell Monitor.
- Live load cell weight display on the front panel LCD screen
- Two volt free relay outputs to provide external alarm signaling
- Optional password protection to stop unauthorised users altering settings
- Optional full screen weight display using a PC connected to the Ethernet port. One or more PC's running the IBEX Hoist-Net PC application may be used to view all channels at once, with user configurable screen layout.

### Optional features:

- Automatic alarm event notification via the internet to a user defined email address
- Automatic periodic sending of the log history over the internet via email
- Remote request for live weights and log data over the internet via email





We offer a range of heavy duty flight cases specially designed for LoadGuard hoists. The cases are purpose built.

- We offer cases for the 250/500kg hoists which hold 2 or 4 hoists
- For the larger capacity hoists, we offer cases for 1 or 2 hoists
- Cases can be easily altered to accept standard rigging hoists and longer, higher specification hoists



## Specifications

Case Type	Hoist Type	Capacity	Length (mm)	Width (mm)	Height of Case (mm)	Height with Wheels (mm)	Weight (kg)
LG 25/50	Standard / BS / D8 Plus	2 hoists	835	580	402	552	41
LG 25/50	Standard	4 hoists	1200	580	402	552	53
LG 10	Standard / BS / D8 Plus	1 hoist	700	580	502	652	38
LG 10	Standard / BS / D8 Plus	2 hoists	1200	580	502	652	58
LG 16	Standard / BS / D8 Plus	1 hoist			Information on request		
LG 16	Standard / BS / D8 Plus	2 hoists			Information on request		