LIFTLOG 1000

A weighing system with 0.5% accuracy designed specifically for forklift trucks operating in the fastest loading environments

With the ever increasing focus on productivity and safe-loading, the new **LIFTLOG 1000** is a cost-effective weighing instrument that reduces loading cycle times and maximises tons per hour performance.

www.rdstec.com

LIFTLOG 1000 weighing system

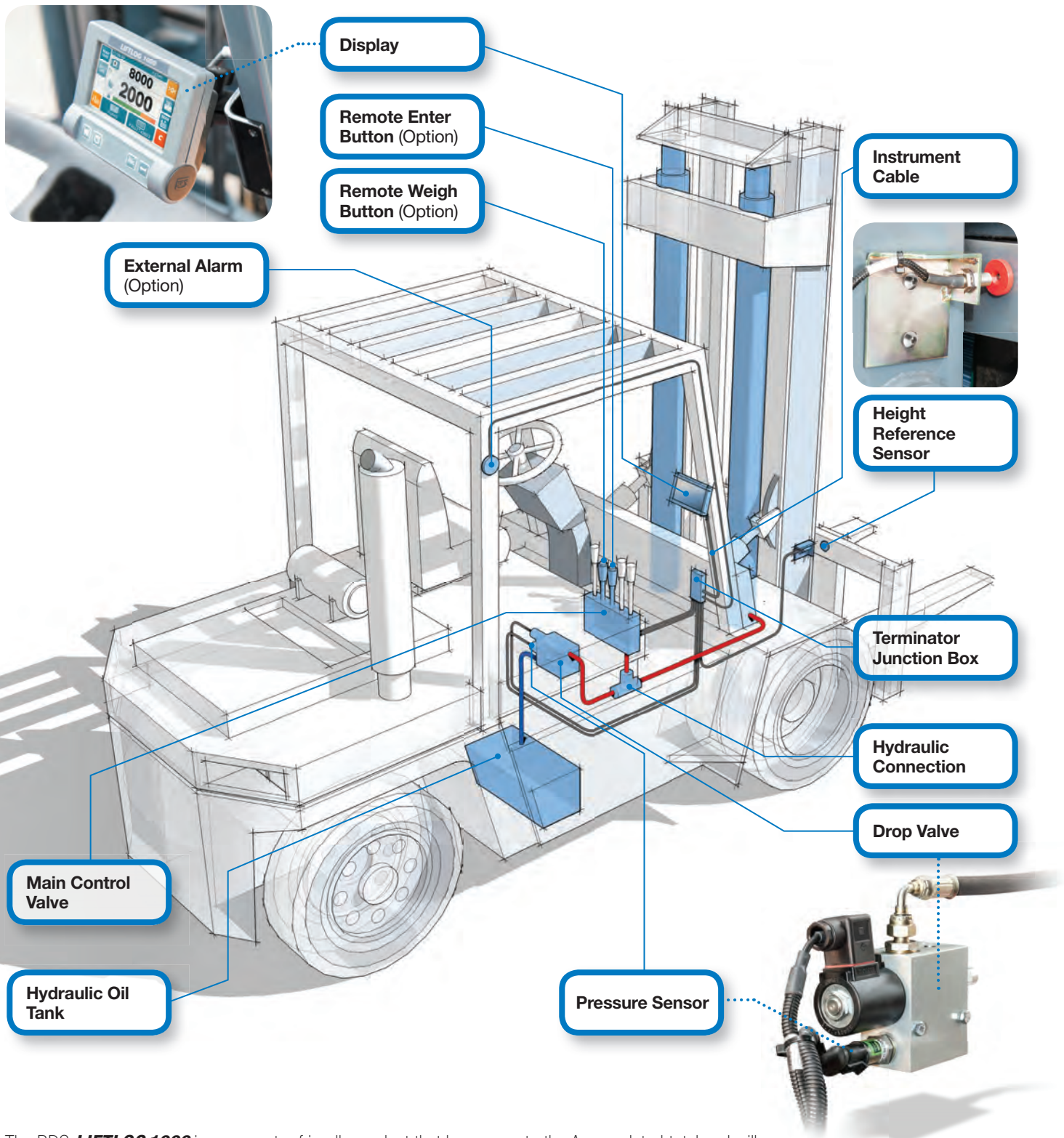| Features	Advantages
Accuracy +/- 0.5% of truck capacity	Correctly load vehicles or stock check
Colour touchscreen display	Clear, uncluttered display provides intuitive operation
Store up to 50 tare values	Pre-determined pallet and stillage weights for faster operation
Gross and Net indication	Pallet / Stillage and product weight
Grand total summary	Total weight and weighing cycles over time
Automatic total accumulation	Speeds lift cycle
Stores function	Save load / lift totals against a total of 100 named memory stores, consisting of up to 1400 lifts which can be given an independent ID reference
Communication via SD card and USB	Safe & efficient data handling for transfer of stored data to and from office or added external data storage
2 serial output ports	Supports ICP 300 printer option or communication to PC or Modem using csv or xml file format
Calibration 'Nudge'	Quick and easy calibration adjustment to match site reference. Pin code protect option
Internal audible alarm + load indication bar	Set alarm at approach and at overload threshold to increase site safety. Colour coded load bar provides clear current load indication.
Overload and logging	Stores time and date of last 10 overloads identifying operators and forklifts at risk. Pin code protected
Quick and easy installation & calibration	Nationwide service and back up from RDS distributors
Pressure based technology	Maintains accuracy minimising machine downtime for servicing or repair. Maintains lifting capacity and driver visibility

Display

Remote Enter Button (Option)

Remote Weigh Button (Option)

External Alarm (Option)

Instrument Cable

Height Reference Sensor

Terminator Junction Box

Hydraulic Connection

Drop Valve

Main Control Valve

Hydraulic Oil Tank

Pressure Sensor

The RDS **LIFTLOG 1000** is an operator friendly product that has been specifically designed for use on forklift trucks working in a despatch yard or warehouse environment.

Weighing on the forklift removes the need to travel to a static floor scale often remotely located from the stock location or loading bay.

Loading correctly first time eradicates return trips to the stockpile reducing vehicle movement, fuel usage, machine and tyre wear.

Using a sensor to measure hydraulic pressure controlled in a drop valve, the **LIFTLOG 1000** informs the operator of load as a 'calculated' weight in Tonnes, kgs, lbs and US Tons. This load can then be confirmed automatically or via the 'Enter' button and added

to the Accumulated total and will also be added to the Grand total.

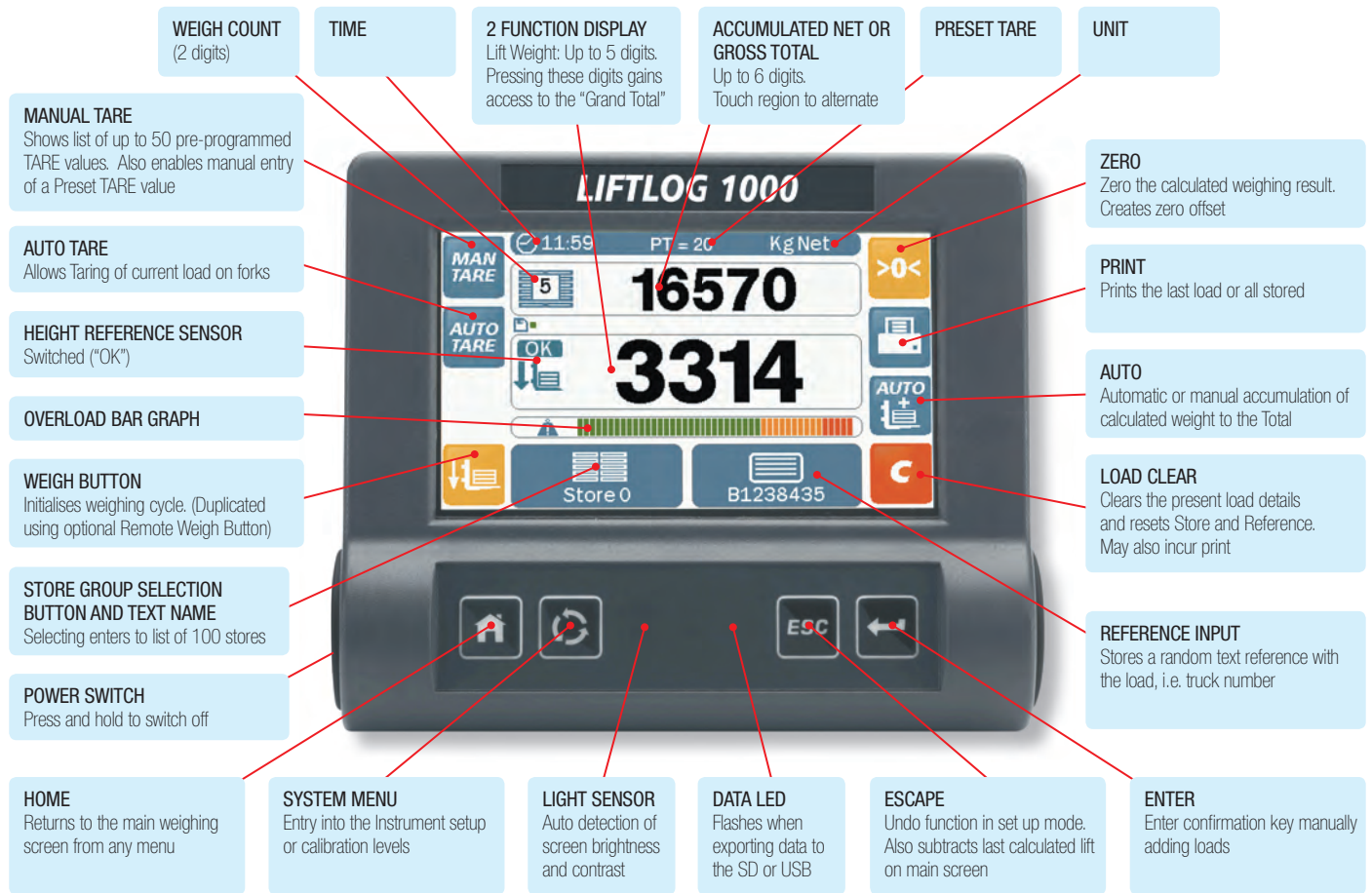In addition, when approaching and at the point of overload, an internal (and optional external) alarm will sound to further inform the operator of load status.

Approximate load is indicated via an on-screen Load bar.

The **LIFTLOG 1000** uses a 4.3" colour, hi-brightness resistive touchscreen display and additional physical keys providing a modern and ergonomic interface.

The system can be retrofitted onto all types of forktruck.

LIFTLOG 1000 Quick reference guide

WEIGH COUNT (2 digits)

TIME

2 FUNCTION DISPLAY
Lift Weight: Up to 5 digits. Pressing these digits gains access to the "Grand Total"

ACCUMULATED NET OR GROSS TOTAL
Up to 6 digits. Touch region to alternate

PRESET TARE

UNIT

MANUAL TARE
Shows list of up to 50 pre-programmed TARE values. Also enables manual entry of a Preset TARE value

AUTO TARE
Allows Taring of current load on forks

HEIGHT REFERENCE SENSOR
Switched ("OK")

OVERLOAD BAR GRAPH

WEIGH BUTTON
Initialises weighing cycle. (Duplicated using optional Remote Weigh Button)

STORE GROUP SELECTION BUTTON AND TEXT NAME
Selecting enters to list of 100 stores

POWER SWITCH
Press and hold to switch off

ZERO
Zero the calculated weighing result. Creates zero offset

PRINT
Prints the last load or all stored

AUTO
Automatic or manual accumulation of calculated weight to the Total

LOAD CLEAR
Clears the present load details and resets Store and Reference. May also incur print

REFERENCE INPUT
Stores a random text reference with the load, i.e. truck number

HOME
Returns to the main weighing screen from any menu

SYSTEM MENU
Entry into the Instrument setup or calibration levels

LIGHT SENSOR
Auto detection of screen brightness and contrast

DATA LED
Flashes when exporting data to the SD or USB

ESCAPE
Undo function in set up mode. Also subtracts last calculated lift on main screen

ENTER
Enter confirmation key manually adding loads

TECHNICAL DETAILS

Operating voltage:	12 Vdc
Sensor range:	0 - 250bar
Temperature range:	-20 to +50°C operating
System accuracy:	+/- .5% of truck capacity
Warranty:	1 year
Environmental protection	Instrument unit IP54 Full RFI/EMI protection Sensor & valve IP67

SYSTEM ENHANCEMENTS

External audible alarm for use in noisy environments. A variety are available dependent on application

Remote weigh button

Remote enter button

Compatible with RDS iSOSYNC PC software

ALSO IN THE RANGE:

LIFTLOG 100(+) for on-board check weighing and load monitoring

Speed & Distance 200 for forklift speed and distance monitoring and speed limit alarms.
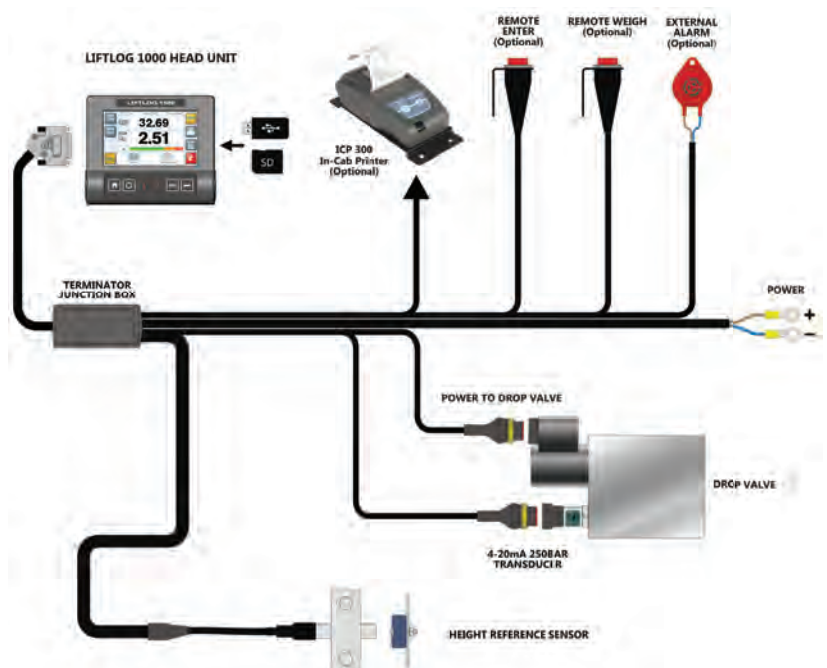
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