RDS TECHNOLOGY
— TOPCON POSITIONING GROUP —

LOADMASTER α100

TRADE APPROVED

Conforms to MID Class Y (b) and OIML Standards

A dynamic on-board weighing system specifically designed for forklifts that meets SOLAS Method 2 requirements.

LOADMASTER α100 has been designed to operate within the fastest loading environments and in the toughest of conditions, providing the weight of cargo to be packed into a container.

LOADMASTER α100 is an automatic catch weighing instrument, MID class Y (b) type approved.

Features SQL database with XML data output for integration with Terminal Operating Systems.

www.rdstec.com

The RDS **LOADMASTER** α100 uses a 7" colour, resistive touch screen display and additional physical keys providing a modern and ergonomic operator interface.

The system can be retrofitted onto forklifts with no major modifications required to the machine.

The system measures hydraulic pressure. The pressure signals are captured and filtered through a weighing 'arc' provided by reference and direction sensors.

All signals are processed in the RDS Smart Box and the resultant weight calculation is sent to the terminal mounted in the cabin.

SQL database capability with up to 8 reference fields provides virtually unlimited inputs of products, customers, trucks, hauliers, locations, destinations, mix blends and notes.

Video input for switching head unit into reversing camera mode removes the need for additional screen, releasing valuable cab space.

There is an extensive sales, service and support network of RDS distributors.

FEATURES	ADVANTAGES
Colour touch screen display.	Clear, uncluttered display provides intuitive operation.
Hydraulic oil temperature compensation option.	Accurate weight information within normal operating temperatures.
Target load.	Set individual product target. Ensure correct loading.
GPS product recognition.	Automatic product selection.
Reversing camera input.	One screen, two functions.
Pre-set Tare function	Net weighing for pallets and containers.
SQL database functionality.	Ease of use and interfacing with TOS.
Stores, multiple job and blend capability with advanced memory job search and report function.	Accurate record keeping, traceability & stock management.
5 memorised quick pre-selections for repeat job set up	Multiple active job capability.
GPRS and Wi-Fi connectivity options.	One or 2-way communication with back office.
Static and dynamic weighing modes for 'weighing on the lift'.	Faster operation.
XML data output via serial, ethernet and USB memory stick.	Safe & efficient data handling.
Printer option with configurable output.	Hard copy of load summaries, totals, company logo product marketing.
Calibration 'Nudge'.	Quick and easy calibration adjustment to match site reference.
Internal audible alarm.	Set to alarm at overload threshold.

SYSTEM ENHANCEMENTS

Telemetry for fast and efficient load data transfer between loader and office.

ICP 300 - Printer option for hard copy prints in the cab.

GPS16 - Automatic product selection.

Temperature Compensation - Enhanced weighing accuracy.

TECHNICAL DETAILS

Operating voltage:	10 - 30 Volts DC
Temperature range:	-20 to +70°C operating
System accuracy:	Typically +/- 2% of capacity or better
Sensor range:	0 - 250 bar (others available)
EMC protection:	Complies with 2004/108/EC ISO 14982
Warranty:	1 year
Env. protection:	Instrument sealed to IP65

DISTRIBUTORS

RDS Technology Ltd, Cirencester Road, Minchinhampton, Stroud, Glos GL6 9BH, UK
T: +44 (0)1453 733300 info@rdstec.com

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