

WLS-1/WLS-C

WHEEL LOADER
SCALES



RICE LAKE[®]
WEIGHING SYSTEMS

To be the best by every measure[®]

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WLS-1/WLS-C

WHEEL LOADER SCALES



Keep business moving

WLS-1 and WLS-C on-board weighing systems optimize l

Essential for quarries, mines and remote sites, the WLS-1 and WLS-C are state-of-the-art solutions for on-the-move weighing that will not slow production rates. Whether used alone or in conjunction with a truck or track scale, the WLS-1 and WLS-C will increase your facilities' efficiency.

Increased Productivity. Every Load, Every Day.

The WLS-1 keeps track of inventory and customers. Using onboard databases, the WLS-1 keeps track of jobs, customers and materials so the specified amount of each commodity is loaded on the correct truck.

The unique self-learning calibration drastically reduces the system installation time. This combined with the ease-of-use will help increase production and profits for your enterprise.

WLS-C

Rice Lake's WLS-C Wheel Loader Scale provides on-the-go weighing for track, skid-steer and front loaders.

Essential for quarries, transfer stations, mines and remote sites, the WLS-C is a state-of-the-art solution for on the move weighing that won't slow your production rates. This system allows loader operators to accurately load trucks, rail cars or vessels to optimum capacity, eliminating load adjustments at the outbound scale.

The WLS-C is the perfect solution for straight weighing applications where only weight information is required. The simple read-out provides the same accuracy as the WLS-1 without the data handling capability.

The WLS-1/WLS-C Advantage ...

On-the-go weighing maximizes efficiency and improves management in virtually any operation.

-  Agriculture
-  Bulk Construction
-  Utilities and Waste
-  Transportation and Logistics



WLS-C

g with on-the-go weighing.

load efficiency and increase profits in wheel loader operations.

WLS-1

The WLS-1 is a dynamic weighing system allowing load accuracy within one percent without stopping the loader to capture a weight. This optimizes loads, thus reducing trips to a central scale for costly underloads and re-weighs, caused by overloads.

For aggregate producers with multiple sites, remote feedlots, or landfill operators with remote locations, the controller/indicator can store calibration data for up to four different loaders. This means that a single indicator can be moved from loader to loader as the need for verified weights changes from location to location. The indicator represents two thirds of the total cost of the weighing system package, so four loaders can share a single indicator for the cost of two complete systems. This can save your operation 50% over complete scale systems in four different loaders.

This powerful controller keeps track of customers, trucks, materials and operators. The WLS-1 is compatible with virtually any wheel loader, track loader or skid-steer.

WLS-1

System Components

WLS-1/ WLS-C

- LCD Indicator
- ASA Angle Sensor
- Hydraulic Pressure Sensor
- Remote Control (WLS-1)
- Junction Box (WLS-1)

1 WLS-1 Indicator

With an easy-to-read color LCD screen and simple-to-follow icons this indicator provides easy monitoring, collection and storage of loads, products, trucks, customer data and a variety of detailed information for users and managers.



2 WLS-C Indicator

With an easy-to-read LCD screen and simple-to-follow icons this indicator provides easy monitoring of



3 Hydraulic Pressure Sensor

The hydraulic pressure sensor is used to measure the change in hydraulic pressure which is directly related to the load being lifted.



4 ASA Angle Sensor

The ASA angle sensor is specifically designed for applications on mobile machines. Its compact design and ease of installation, together with the lack of interior mobile components offers a unique rugged solution for on-the-go weighing.



5 Printer (optional)

An optional 24-column roll printer is available for standard printing of daily operations, and an end-of-day summary.



6 Junction Box (WLS-1)

Easy connection for remote control, pressure sensor, optional second pressure sensor, angle sensor, and power supply.



7 Remote Control (WLS-1)

Mounted anywhere in the cab, the remote control offers ease-of-use for the operator to control the tare of the bucket, partial zeroing, total zeroing and print out.



All vital information is available at a glance with real-time multiple readouts.

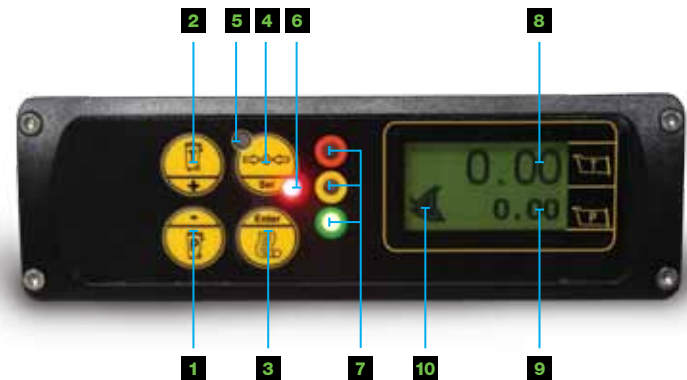
- 1** Short press: option menu
Long press: diagnostic and calibration
- 2** Exit (back to previous menu)
- 3** Enable/disable the weighing system
- 4** Tare
- 5** Printer page and total visualization
- 6** Zeroing page
- 7** Access the menu indicated by the above icon
- 8** Confirm the selected function / access the selected menu
- 9** Cursor up/down in the text menu
- 10** Value decrease/increase in the text menu
- 11** Signal lamps: green lamp on and red lamps off means continue to weigh; red lamps on and green lamp off means maximum load has been reached or exceeded



Standard Features

- 1,000 customers (8 lines of 16 characters each)
- 500 truck identifications (2 lines of 12 characters each)
- 200 types of material (1 line of 12 characters)
- 100 projects (8 lines of 16 characters)
- 50 operators (1 line of 12 characters)

- 1** Total/Plus: Press and hold for 3 seconds to zero
In static weighing mode without input, this button adds the partial load to the total
- 2** Partial/Minus: Partial zeroing button
- 3** Print/Enter: Press and hold for 3 seconds to access Operation menu
Press and release once to print ticket (optional printer)
- 4** Tare/Sel: Press and release once to memorize new Tare
Press and hold for 3 seconds for zeroing the Tare value
- 5** When lit indicates Tare value is other than zero
- 6** When lit indicates Tare value equals zero
- 7** Indicator lights warning for maximum load
- 8** Total Weight
- 9** Partial Weight
- 10** Symbol of active weighing mode



Standard Features

- Total Weight
- Bucket Weight

Your Rice Lake Weighing Systems distributor is:

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