

LOADRITE PIT BOSS

Pit productivity reporting solution from Loadrite



The Loadrite Pit Boss combines the ease of use of our loader scales with powerful pit productivity reporting software, giving you the ability to monitor productivity straight from the pit at the point of loading.

- Uninterrupted Productivity
- Improved Profits
- Unparalleled Support

LOADRITE

The Ultimate in Onboard Weighing Systems

The Loadrite Pit Boss is the first product in the world of it's kind to incorporate a custom-designed operator console specifically to monitor and improve your pit operation. Loader operators can now load a haul truck to it's full capacity and avoid overloads or voids.

The Loadrite Pit Boss software gives you the ability to capture load data in the loader or in real time by wireless transfer. You will be able to generate customized reports from your PC, enabling you to measure and improve blast efficiency, pit productivity, haul truck cycle times and loader productivity.

Inventory Control Straight From the Pit

Track the tonnage of products coming out of your pit by reporting on the amount of shot rock, big rock, blending sand or other product loaded into your haul trucks. Reports can be run by day, week, month or preferred time period.

Monitor Blast Efficiency

Measure your blasting patterns and explosives use by reporting on the total and percentage tonnage of shot rock versus big rock from each blast.

Loader and Haul Truck Productivity

Reporting on tonnage per hour, loader and haul truck cycle times allows you to confirm whether your pit operation is keeping up with your primary crusher and allows you to make changes if necessary. The Loadrite Pit Boss gives you the ability to monitor the working hours for each loader and haul truck, allowing you to confirm that expensive equipment is being worked the required hours.

Improve Maintenance Scheduling

Allows you to schedule plant maintenance based on the tonnage your equipment actually lifts or hauls. You can also schedule on the number of lifts or hauls they perform and not just by the engine hours they run. Extend the life on expensive tyres through eliminating overloading and tracking cycle times.

See How Conditions Can Impact Productivity

Measure the effect a wet or damaged haul road has on your productivity, and the improvements you get immediately after your plant has been serviced.

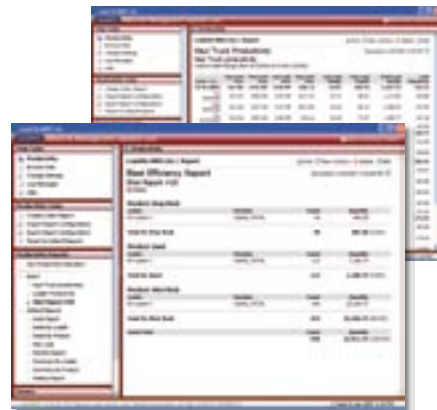
The Loadrite Pit Boss's features include:

- Multiple point weighing: an error alarm sounds to alert the operator if uneven surfaces or speeds affect the weight accuracy
- Auto target function: the operator can recall a truck's maximum load weight from memory
- Auto tare function: the operator can recall a truck's tare weight from memory
- Error alarms: alerts the operator if the bucket load will exceed the truck's target weight or if the lifted weight exceeds the maximum amount that the machine is normally capable of lifting
- Unit conversion: lets you view the lifted weight in either imperial or metric measurements and converts weight to a volumetric measure
- Tip-off weighing: allows you to tip a measured amount of the product off the last bucket to ensure an exact target weight is reached
- Zeroing: helps avoid inaccurate readings if wet or sticky materials build up in the bucket
- Auto add mode: automatically adds the lifted weight to the total every time a load is lifted
- Optional Remote add button: ergonomically designed and mounted closely to the loader controls, so the load can be added at the press of a button
- Multiple languages: seven language options (English, Spanish, German, Slovenian, Dutch, Portuguese and French)
- Physical features: large easily visible LCD display and keys with backlighting for night and low light operation
- Clock: provides time and date information as well as alarm clock feature



The Loadrite Pit Boss reporting software features include:

- Customizable productivity, summary and detail reports
- User defined grouping of reports
- Remote access for reporting across your company's network
- Easy-to-use database with:
 - Adjustable data columns
 - Option to hide and unhide data whilst viewing
 - Simple 'click and drag' action to change data order
 - Ability to filter data by time, operator, product, trucks, etc
- A 'Find' function which enables you to search for specific records by loader, date, location etc
- Exportable information - reports can be printed or exported as CSV format to other programs for data analysis or manipulation
- A user interface which allows you to view the data while selecting, so you know what you are going to get before you export it
- Archiving function – archive old or unwanted data for storage with the option to retrieve it at a later date for further analysis
- A configuration wizard which helps you to get started and allows you to customize site settings such as your customer list, products handled, loaders operating and site locations
- Secure login - optional password only access
- Comprehensive electronic documentation and help



Loadrite Pit Boss Console: The Nuts and Bolts

Note: Specifications may change due to continuous product improvement.

Power Requirements	Supply Voltage: 12 to 32 VDC (i.e. designed to operate on 12 or 24 volt systems). Automotive power supply transient suppression exceeds SAE specifications. Supply Current: 160 mA typical, 350 mA max, 3A max with printer. Calibration and Data Back Up: Data is stored in a permanent memory and is not affected when the main power is turned off.
Display/Keyboard	LCD display: 2 lines of 8 characters, used to display operator messages, and prompts to enter product data etc. The large, highly visible, backlit 5 digit numeric display shows lifted weights and totals. Keyboard: Keyboard Alphanumeric. Waterproof tactile membrane.
Physical	Dimensions: W145 x L240 x D110 mm (5.7 x 9.4 x 4.3 in.) Weight: 1.5 kg (3.2 lb)
Environmental	Operating Temperature: -10 C to 50 C (14 F to 122 F) Storage Temperature: -30 C to 80 C (-22 F to 176 F) Protection: Water and dust protected to IP54 Vibration: Qualified to MIL-STD-810D
Accessories	Loadrite Printer

Loadrite MMS: The Nuts and Bolts

Note: Specifications may change due to continuous product improvement.

Memory Capacity	250KB (4000 to 12000 lifts depending on configuration of weigh indicator)
Ambient Temperature	Operating Temperature: -10 C to 50 C (14 F to 122 F) Storage Temperature: -30 C to 70 C (22 F to 176 F)
Protection	Water and dust protected to IP68
Computer	Minimum requirements for running Loadrite MMS Software <ul style="list-style-type: none">• Pentium 166 running at 400MHz• Windows 98 2nd Edition, Windows 2000, Windows Me, Windows XP or greater• 50MB free hard disk space (more may be required if database becomes large)• 128MB RAM• Available COM port or USB port with approved USB-to-RS232 (not included)• CD-ROM drive (for installation)• Internet Protocol (TCP/IP) installed – typically already installed if the PC is on an Ethernet network or has a connection to the internet)



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