UT20 SkidWeigh Plus

Improving Lift Truck Utilization

With Monitoring of Vehicle Idling & Downtimes In Real Time

IVDT
INTEGRATED VISUAL DATA TECHNOLOGY INC.
Solutions that lift your business

Integrated Visual Data Technology Inc.

Technology to help you manage your material handling fleet efficiency

UT 20 SkidWeigh Plus

* Automatic vehicle idling detection / recording
* Audio / visual notification to operator when vehicle is in idling mode
* Visual notification to the operator to identify downtime event
* Default utilization factor
* Utilization factor modification by the end user, password protected
* Utilization factor input range to up to 100%
* End user selection of up to six downtime event messages
* Downtime events message modification
* Onboard check weighing scale
* Overload warning
* USB port
* Export your reports to CSV file for use in other applications

A Better Way To Manage Your Fleet

The study shows that of the five year cost of typical lift truck ownership, range up to 80% devolves on the operator cost.

Fleet Optimization

It is time to apply measurement in place to manage and control the 80% of largest component cost by assigning vehicle utilization awareness, optimum uptime, accountability to individual operators and focus on setting performance targets to give everyone in your operation a clear sense of what they should be aiming for.

Instead of a large initial investment in telematics solution providing numerous reports and spreadsheets that fleet managers had to sift through historical data is not effective when it comes to improving fleet utilization, pay attention to monitoring of the **idling times on every vehicle in your fleet.**

The immediate access to the vehicle usage status in real time for each vehicle and having the same data visible to the operator is the most important management tool to maximize asset utilization and operator efficiency.

The idea is not to wait and analyze data after one shift, or one day, or one week or month, but to have instant visibility throughout the measurement process that will let you examine changes in performance and put you in a better position to manage fleet performance proactively.

Key Measurement Metrics

The material handling fleet optimized utilization through measurement of every vehicle idling / downtime events requires management attention because of high cost since they are always present and can grow rapidly without proper control.
The individual driver excessive idling and identified downtimes might not seem that important in the grand scheme of things but if your lift truck usage is operating below expected utilization standard will have a huge impact by run up costs that are out of control. The only way that material handling vehicle can be put to productive use is through an operator. It is the operator who is ultimately responsible for using the equipment.

Right Data, Big Impacts

The fleet utilization factor input and monitoring of the vehicle operational *raw data, driving and standing loaded and unloaded, lift time, reach, retract times including number of loads per session, automatic detection of vehicle idle time and keeping close attention to identify downtime events for each operator is the key to increase the vehicle utilization and operator productivity substantially.

Operator Engagement, Visual Feedback of Vehicle Current Operational Status Shown In Real Time

Vehicle actual idling mode is automatically activated, with real time event information in visual and audible form, shown to the operator on LCD display, recorded to USB or communicated to web page for analysis and reporting.

Operator Behaviour Modification

The purpose for vehicle idling measurement is ultimately to spot potential problems or opportunity telling you what's going on in the areas of vehicle uptime and operator performance.
With trends moving in wrong direction, you will know that you have a problem to solve. Similarly, if the trends move consistently in your favour, you will have practical and direct way of monitoring and encouraging the progress of individual employees.
The vehicle downtime will provide you vital information about what's happening now and it also provides the starting point to implement performance standards.

Impacting the bottom line

Operator Performance

Ensuring Efficient Equipment Utilization, Maximum ROI

A recent survey indicates that large percent of companies track lift truck fleet data in some way, only 25 percent track equipment and utilization by *specific operators. The cost of not knowing this is critical to identify opportunities for process improvement, since this is the most important area of eliminating avoidable costs managing a successful lift truck fleet efficiency and to protect the bottom line.

** Utilization matrixes based on historical data of key hours lift truck is turned on*

For years finding an accurate and affordable solution to capture true visibility of the material handling movements made by industrial truck operator actually spend operating a vehicle has been an industry challenge. The most effective solution is to have a visibility in real time and monitor and record each operator that is in fact utilizing the equipment. Development of the software incorporated in **UT SkidWeigh Plus** series will automatically determine the actual vehicle idling times. System reporting removes the need to perform meaningless calculations based on a certain number of key on hours or a certain period of time that are misleading and costly.

The Benefits of Managing What's Measured

With vehicle key switch turned on and the constant automatic measurement of true vehicle idling and identify operational downtimes on every lift truck you will be able to reduce your fleet unproductive idling times, immediately.
With LCD visual display messages of the actual activity status that is shown to the operator in real time and recorded for the management in itself is a means of increased percentage of vehicle hours utilized and operator productivity without any further analysis.