ERESENSE
SenseTheWorld

EreTire

Construction Site Tire Tracking Automation

Construction Site Tire Tracking Automation (EreTire) is a specialized module designed for construction site automation, aimed at monitoring the history of tires within the company inventory, identifying which vehicles are utilized at specific locations, and documenting the history of retreading operations. The serial numbers assigned to each tire in the system, which are engraved on the tire using specialized equipment, can be read by mobile devices.

Automated Monitoring

Automated monitoring of the complete tire history and replacement dates for all construction sites via the system.

Lastik Series Number.

Assigning and monitoring serial numbers for each tire on-site.

Serial Number Imprint

Utilization of a device designed for the hot stamping of serial numbers assigned to tires using specialized tools.
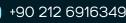
Coating Record

Documentation of retreading history, including dates and costs for the complete tire fleet.

System Capabilities

- ✓ Tire Serial Number
- ✓ Tire Retreading: A Historical Overview and Cost Analysis
- ✓ Tire History Reports
- ✓ Access through Web Interfaces
- ✓ ERP and Accounting Program Integrations
- ✓ Stock Management Interfaces and Reports

- ✓ Utilization of Hot Tire Serial Number Stamps
- ✓ Documenting the Location of Use in Vehicles
- ✓ Service Personnel Monitoring
- ✓ Eresense Automations Single Screen
- ✓ Tire Expense Management
- ✓ SMS and Email Notifications

Contact Us for Data Inquiries

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ERP and Accounting Program Integration

While the historical data for all vehicles or tires is accessible via the system screens, it can also be integrated into your company's accounting and ERP interfaces through the web service protocols established by Eresense. Additionally, you can monitor the history of your tires, their movements, and the identities of the personnel who interacted with them on your company's screens.

The designated service employee inputs the serial number of the tire to be processed into the system by scanning it using the mobile application, which he or she accesses with a personal password. If a tire replacement is necessary, the serial number of the new tire is scanned similarly, and the required procedure is established. Tires designated for retreading are processed in the same manner.

Following each transaction, the transaction record is transmitted to the central servers, accompanied by the date, transaction type, service member ID, and additional detailed information.

Data can be analyzed individually for each tire or vehicle through the control screens, and pertinent reports can be obtained from the screens or via email.