



**NEUTRAL
ATOM**

**ELITE SPECIALIST
ADVANCED PLANT AND LOGISTICS
AUTOMATION**

WWW.NEUTRALATOM.COM

Product Catalog





ABOUT US



At our company, we believe that efficient and effective logistics management is the backbone of any successful business. We specialize in providing innovative logistics solutions to businesses of all sizes and industries, and we are committed to helping our clients improve their supply chain operations and reduce costs.



Our team of experienced logistics professionals is dedicated to providing personalized service to each of our clients. We take the time to understand your unique logistics needs and develop customized solutions that work for you.



ORDER MANAGEMENT SOLUTIONS

01

Sales Order Integration

Our order management system seamlessly integrates with your existing SAP/ERP systems, allowing sales orders to be automatically imported into the Neutral Atom application.

02

Order Splitting and Clubbing

Once sales orders are imported, our system provides the flexibility to manage them efficiently. Orders can be split into smaller units or clubbed together based on criteria such as delivery location, product type, or customer preferences.

03

Order Assignment

After splitting or clubbing the orders, our system allows for easy assignment to transporters or internal teams. Users can assign orders to multiple or single transporters based on logistics requirements.

04

Flexible Order Handling

The ability to split and club orders allows for customized handling based on specific logistics needs.

05

Optimal Resource Utilization

Efficient order assignment ensures the best use of transportation and internal resources.

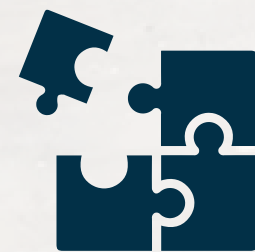




YARD MANAGEMENT

We offer cutting-edge yard management solutions designed to optimize and streamline your yard operations. Our system leverages RFID-based IoT technology to ensure efficient handling of vehicles and goods, reducing bottlenecks and enhancing productivity.

Auto Sequencing



**Auto Vehicle
Announcement
and Display**



Improved Efficiency

Enhanced Accuracy

Real Time Updates





AUTOMATED GATE OPERATION



We offer advanced gate automation RFID technology to ensure seamless and secure entry to your premises. With years of industry experience, we are dedicated to providing innovative products that cater to your needs. Our solutions, complemented by our access management software, guarantee that only authorized vehicles gain access, adhering to all security compliance regulations

UNMANNED WEIGHBRIDGE AUTOMATION

We specialize in unmanned weighbridge automation systems designed to streamline your weighing processes and improve operational efficiency. Our state-of-the-art solutions integrate cutting-edge technology to ensure seamless and error-free operations without the need for constant human supervision.

Feature 1

Auto Weight Capture



The system automatically captures and records their weight, ensuring precise measurements and eliminating the need for manual data entry.

Feature 2

Tolerance Handling



It automatically detects and manages weight deviations within predefined tolerance limits. Any discrepancies are flagged, ensuring compliance with regulatory standards.

Feature 3

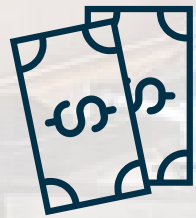
Audio/Visual Info



These announcements guide drivers through the weighing process, providing clear instructions and alerts. LED display boards provides real-time instructions and status updates.

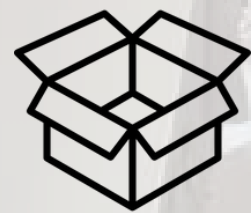


SMART LOADING



MRP PRINTING WITH UNIQUE CUSTOMER CODE

This feature guarantees clear and legible pricing information, essential for regulatory compliance and customer transparency.



REAL TIME BURST BAG ADDITION

Our system supports dynamic adjustments such as adding burst in runtime, ensuring flexibility and responsiveness to operational needs.



MULTI STAGE REPORTING

Comprehensive Reporting includes

- Per Packer
- Per Loader
- Per Belt
- Burst Bag



MULTIPLE LOADER/PACKER DISPLAY

Operators can monitor packing progress at a glance, facilitating timely adjustments and optimizing throughput.





BULKER WEIGHBRIDGE AUTOMATION

We provide state-of-the-art bulker weighbridge automation systems designed to streamline your weighing processes, enhance accuracy, and improve overall operational efficiency. Our comprehensive solutions integrate advanced technologies to ensure seamless and error-free weighbridge operations.

Our automation system includes an auto weight capture functionality that ensures accurate and instantaneous weight measurement as bulkers arrive on the weighbridge.



Enhance your bulker weighbridge automation with seamless PLC integration, offering precise control and real-time data management.

Optimize your bulker loading operations with advanced spout movement control. This system ensures precise positioning and efficient material flow, reducing loading times and minimizing spillage.





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