Bulk Cargo.

Handle and track bulk cargo types such as coal, woodchips, and grain, by weight or volume

If your terminal is trying to solve the problem of managing a variety of cargo types with one system, then look no further. Master Terminal™ has been designed to manage all cargo types, making it the terminal operating system (TOS) of choice for mixed cargo terminals.

Our stable and comprehensive software ensures you don't have to spend time and money customizing a TOS built specifically for handling containers. Use our software to gain a single view of your operations, enabling you to make smarter decisions faster, maximize your operational efficiency, and improve your competitiveness.

Along with containers and RORO (Roll-On/Roll-Off) cargo, Master Terminal allows you to manage all types of general cargo including bulk, break-bulk and project cargo.

Master Terminal's bulk cargo benefits:

- Handle and track bulk cargo types by weight or volume

- Allocate bulk cargo a cargo ID, enabling you to track cargo moves, loads, and inventory

- Maintain a total of how much product makes up the bulk cargo (stowage factors, density and conversion factors)

- Split and merge bulk cargo

- Aggregate bulk cargo to units or deaggregate from units to bulk cargo

- Produce bulk cargo invoices and reports

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Bulk cargo

Master Terminal supports bulk cargo, recognizing that raw goods like iron ore, coal and grain are the fundamental ingredients of finished products. For ease of use and consistency, bulk cargo is managed using similar screens, forms, and activities to all other cargo types in Master Terminal. Both liquid and dry bulk cargo types can be handled and tracked by weight or volume.

Types of bulk cargo that Master Terminal can manage include:

Liquid bulk: Petroleum, gasoline, LNG, chemicals, juice, wine, molasses, vegetable oil.

Dry bulk: Grain, sand and gravel, scrap metal, coal, iron ore, bauxite, cement, clinker, fertilizer, woodchips.

Master Terminal's bulk cargo functionality

- The Cargo Types and Cargo Subtypes screens enable users to define bulk cargo types and track bulk cargo by weight or volume. The density and stowage factor can be configured for different types of bulk cargo.

- The Bulk Area terminal area type enables users to specify the maximum weight or volume for specific cargo types in the terminal area, for automatic and manual planning.

- Users can create pre-notifications for bulk cargo items.

- Bulk cargo movements can be planned automatically or manually.

- Bulk cargo can be split, merged, or moved in a similar way to break-bulk cargo.

- To Do tasks, hazards, and stops apply to all instances of bulk with the same cargo ID. If a bulk item is split, any To Do tasks, hazards, and stops applied to the original cargo item are applied to both subsequent cargo items. If a bulk item is merged, the To Do tasks, hazards, and stops for each cargo item are merged to apply to the single resulting cargo item.

- The Damage screen can be used to enter and maintain details about any damage sustained by bulk cargo.

- Mobile applications can be used to confirm the loading and discharge of bulk cargo, updating the system in real time.

- Basic hold locations can be defined for ship voyages carrying bulk cargo.

- Bulk cargo can be received via road, rail, pipeline, conveyor or voyage.

- Multiple moves can be undertaken to complete a task. I.e. 60 tonnes can be moved in six moves of 10 tonnes.

- Bulk volume is calculated by number of moves multiplied by volume per move.

- Discrepancies can be recorded if you receive more or less bulk cargo than expected.

- Once bulk cargo is aggregated into units it is handled as a break-bulk item.

To read about how Master Terminal handles further cargo types including break-bulk and project cargo visit: *jadelogistics.com*

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About Master Terminal from Jade Logistics Group

Designed to handle all cargo types in one integrated system, Master Terminal is the world's leading terminal operating system (TOS) for mixed cargo ports.

Master Terminal is licensed at over 120 terminals worldwide, from vehicle terminals in Italy to steel terminals in North America.

Implementation is the key to success, and our implementation record is second to none in the industry. Our proven and robust methodology, partnership approach, thorough training and unrivaled implementation timeframes deliver tangible results fast.

Jade Logistics has been designing, building, and supporting innovative logistics software since 1993. Our experienced people understand the global logistics industry and are the foundation on which we build long-term relationships with our customers.

We have offices in New Zealand, Australia, USA, the Netherlands, Switzerland, the United Arab Emirates, and Indonesia.

For more information, visit us at **jadelogistics.com**

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