

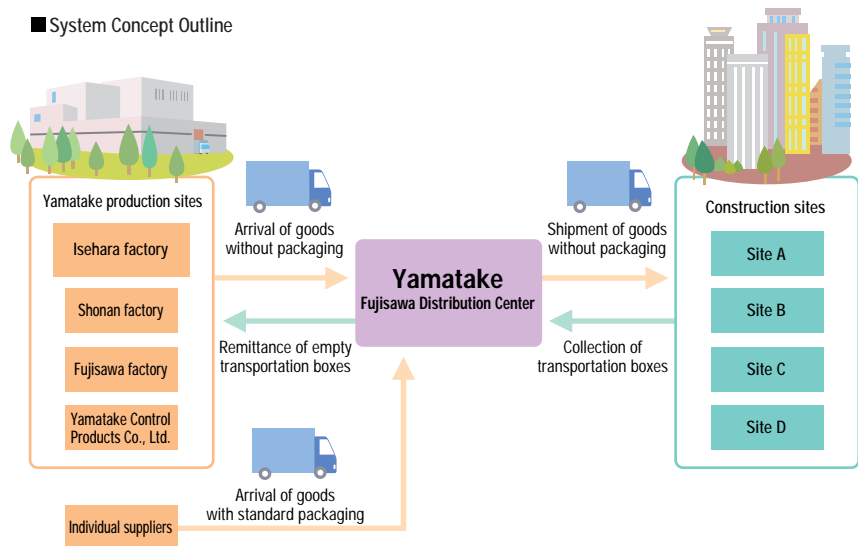
Environmentally Friendly Packaging

Delivery Without Packaging

Yamatake Building Systems and the Yamatake Corporation have developed a delivery system without packaging for their metropolitan customers in the construction industry. Instead of the cardboard boxes traditionally used as packaging when delivering products, this system utilizes reusable plastic transportation boxes. As a result, cardboard consumption is significantly reduced, and customers can minimize their industrial waste.

During fiscal 2001, this jointly developed system was implemented at ten major construction sites. According to life cycle assessment (LCA) analysis results, continuous use of reusable transportation boxes for these ten sites over the next ten years would result in a 40% improvement in the environmental effect index for Yamatake Building Systems and Yamatake Corporation. To ensure that transportation boxes are used effectively, we have linked our factories, distribution center, head of office, and delivery sites via the Internet. This allows us to search for transportation box shipment and collection schedules, and minimize the number of boxes needed to carry out deliveries. In the future, we plan to extend this system to include more customers and branches.

System Concept Outline



Using transportation boxes (collapsible containers) for storage



Transportation boxes reduce space by allowing compact and lightweight devices to be packed in layers and shipped together



A rubber sheet is placed under heavy objects to prevent damage during transportation

Green Purchasing and Green Procurement

The Yamatake Group promotes a green purchasing system that gives priority to the purchase of products and services with low environmental impact. In fiscal 2001, as part of our green purchasing promotion activities, we formulated the Yamatake Group *Green Purchasing Guidelines* with a central focus on office supplies, and clearly defined the criteria by which products should be purchased. Upon examination of the green purchasing results for our three main factories, we found that a total of ¥28,104,000 was spent on purchases between April 2001 and March 2002, with a green purchasing rate of 63.6%. In 2002, we plan to establish and begin trialing of our new *Green Procurement Guidelines* for production-related materials.

* The above data includes the results for the office supplies listed in NET KOKUYO Co., Ltd's *Benrinet*, an online purchasing management system, as well as four major cost items not covered in *Benrinet*: office copy paper, OHP film, paper cups, and toilet paper.

Green Purchasing Criteria

The Yamatake Group gives priority to the purchase of products with reduced environmental impact in accordance with the following environmental information standards:

- (1) Products displaying an environmental label (Eco-mark, recycled paper mark, green mark, etc.) approved by a third-party institution
- (2) Products designated as purchasable products under the Green Purchasing Law
- (3) Products that are in compliance with the environmental information provided by the Green Purchasing Network or GPN* individual product guidelines
- (4) Products not approved by third-party institutions that display original manufacturer environmental labeling, including those products manufactured and sold by enterprises actively involved in environmental preservation activities

* GPN: Green Purchasing Network