Material Handling and Beyond

DAIFUKU AMERICA CORPORATION

MANUFACTURING & DISTRIBUTION PRODUCTS
SOLVING MATERIAL HANDLING CHALLENGES WITH TAILORED AUTOMATED MATERIAL HANDLING SOLUTIONS

Increased domestic and international competition in today’s business environment requires companies to improve material handling operations to stay ahead. Each company’s challenges are varied and distinct, requiring innovative solutions to meet an endless variety of needs. That’s what Daifuku (pronounced: dye-foo-koo) is about. We use our blend of engineering and material handling products to develop a unique automated material handling system solution that can help you:

- Streamline Processes
- Decrease Cycle Time
- Minimize Errors
- Improve Productivity
- Maximize Floor Space

PROVEN EXPERIENCE, UNEQUALED PERFORMANCE FOR COMPANIES OF ALL SIZES

For more than 70 years, companies of all sizes have relied on Daifuku to engineer and recommend automated material handling equipment and system solutions to resolve their most complex material handling challenges. To ensure the highest quality standards and performance, Daifuku designs and manufactures its own products including:

- Automated Storage and Retrieval Systems (AS/RS)
- Sorting & Picking Systems
- Conveyor & Vehicle Systems
- Warehouse Management and Control Software

HOW WE ARE DIFFERENT

We understand that no two material handling challenges are alike and we don’t try to resolve all problems with the same solution. Instead, our approach to improving your operation is to first gain a deep understanding of your challenges by learning about the issues that are causing or contributing to your particular problem and by evaluating your existing operations. Only then can we apply our blend of engineering expertise and automated material handling products to design a unique automated material handling solution that addresses your exact needs.

Daifuku provides evaluation, engineering and manufacturing so we are actively involved with your company through every step of the project:

- It is through this approach that we are able to gain a deep understanding of your challenges, then design and tailor a unique automated material handling system to help you realize your goals.

OUR PRODUCT

Daifuku’s automated material handling equipment is engineered and manufactured following Japan’s long-standing tradition of superior quality and precision. Our innovative solutions are designed to operate quietly, work reliably and deliver years of unequaled performance for your facility.

DAIFUKU’S LEGACY OF FIRSTS

1966 | Installed Japan’s first AS/RS
1969 | Developed one of the world’s first computer-controlled AS/RS
1972 | Designed the first standard, pre-engineered AS/RS package
2006 | Engineered the first two-crane synchronized AS/RS
Daifuku’s products are designed and engineered to work together, and integrate with other vendors’ systems, to configure a seamless, integrated material handling system that is unique to your facility.

AUTOMATED STORAGE & RETRIEVAL SYSTEMS (AS/RS)
AS/RS equipment combines controls and handlers to store and retrieve materials with precision, accuracy and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space. Daifuku’s AS/RS are designed to maximise vertical storage space. Daifuku’s AS/RS equipment includes controls and handlers to store and retrieve materials with precision, accuracy, and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space. Daifuku’s AS/RS equipment includes controls and handlers to store and retrieve materials with precision, accuracy, and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space.

Unit Load
Daifuku's unit load is a high-speed, high-density buffer designed to manage, store, and retrieve materials with precision, accuracy, and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space. Daifuku’s AS/RS equipment includes controls and handlers to store and retrieve materials with precision, accuracy, and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space. Daifuku’s AS/RS equipment includes controls and handlers to store and retrieve materials with precision, accuracy, and speed. A system comprised of multiple floor space, Daifuku’s AS/RS are designed to maximise vertical storage space.

Mini Load
Daifuku’s mini load is a high-speed, high-density buffer that can be used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system. It is designed to maximise vertical storage space while maintaining a compact footprint. The unit load can store up to 2,200 lbs of material vertically in 10 ft. The mini load is capable of handling a variety of materials, including pallets, boxes, and bags. The mini load is used in association with a WMS system.
INDUSTRY-SPECIFIC NEEDS REQUIRE UNIQUE SOLUTIONS

One solution does not fit all. Innovative, tailored solutions are required to meet individual needs. Daifuku’s automated material handling systems are engineered and manufactured to meet a specific need – yours. Some of the industries where Daifuku’s automated material handling systems are deployed to streamline processes, decrease cycle time, minimize errors, improve productivity and recapture floor space include:

- Apparel
- Beauty Aids & Cosmetics
- Book & Publication Distribution
- Cold Storage/Freezer Applications
- eFulfillment
- Electronic Components
- Fasteners
- Food & Beverage
- Frozen Foods
- Furniture
- Household Appliances
- Large-scale Distribution Centers
- Libraries
- Manufacturing
- Office & Computer Equipment
- Pharmaceuticals & Health Care
- Printing
- Retail
- Textiles
- Transportation Vehicles & Parts
- Toys & Athletic Goods
- Warehouse & Storage Facilities

GLOBAL LOCATIONS

Daifuku is one of the largest manufacturers of automated material handling systems in the world and a leading systems integrator. Our depth and breadth of resources uniquely positions us to efficiently and cost effectively develop and engineer solutions to meet the needs of both small and large companies. Daifuku’s offices and manufacturing facilities span the globe, enabling us to offer broad-based knowledge and techniques with localized sales, service and support.