

Reducing environmental impact over the course of a product's life necessitates improving the environmental soundness of distribution practices. Minebea is taking steps to reduce emissions of CO<sub>2</sub> and atmospheric pollutants.

## Implementation of Environmentally Sound Distribution Practices

### Specialty Paper Pallets Developed and Introduced as an Alternative to Wood Pallets

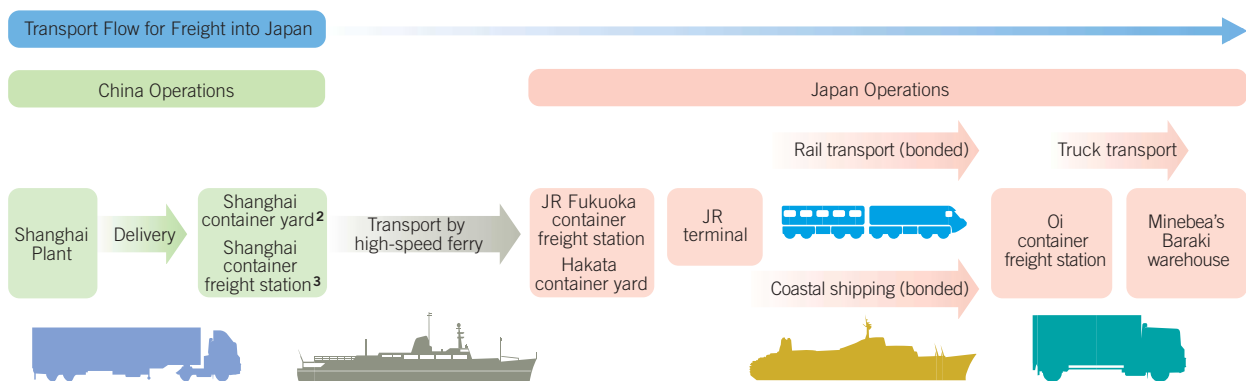
Minebea is promoting the use of specialty paper pallets for shipping products from its plants overseas. Compared with wood pallets, these paper pallets reduce the weight of freight, contributing to a reduction in energy used by the planes and trains used in transport. As much as possible, natural materials are used, with a high priority placed on materials with a high recycling rate, thereby contributing to efforts to lower energy consumption and conserve resources. Going forward, Minebea expects to expand use of these paper pallets.



A new Minebea paper pallet (visible under crate)

### Energy-Efficient Transport

Since 2004, Minebea has used high-speed ferries to transport freight between Shanghai and Hakata, and Japan Railways (JR) rail transport or coastal shipping between Hakata and Tokyo. This reduces the transport lead time by eight or nine days over conventional transport methods, while at the same time uses less fuel and releases less CO<sub>2</sub> into the atmosphere.



#### Glossary

##### 1. Transport lead time

Period from commencement of arrangements through to transfer into Minebea warehouse.

##### 2. Container yard

Container storage facility designated by the shipping company.

##### 3. Container freight station

Station where the shipping company transfers loaded freight to shipping containers.