

Path of Innovation

Future growth underpinned by 77 years of experiences and technologies

Founding era



1937 Operations begin in Osaka, Japan; manufactures mainly forge rolling machinery for ironworks, and tower cranes

1947 Begins manufacturing stackers

1948 Pilers that eliminate manual stacking

Towards an era of rapid economic growth



1957 First Japanese-manufactured chain conveyor system, the leading edge of automation systems

1959 Chain conveyor system installed at Japan's first passenger automobile factory

1965 Japan's first automatic guided vehicle

1966 Japan's first rack-supported building automated storage and retrieval system (AS/RS)

1969 Japan's first online computer-controlled rack-supported building AS/RS

Era of systemization



1982 Factory automation (FA) systems delivered to a state-of-the-art motor factory

1984 Transport systems for clean rooms, a pioneering step in the development of semiconductor manufacturing

1989 Friction-driven automobile assembly and transport systems in which workers ride the pallet while assembling

Expanding business to DA fields

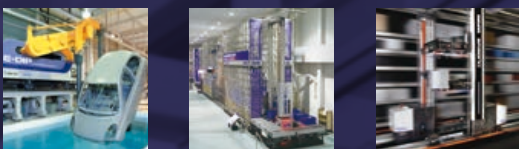


1992 Automated sorting systems with controlled trays to enter distribution automation (DA) business

1993 World's first electrified monorail system with non-contact power supply

2003 Transport systems for liquid crystal glass substrate wafers

Innovating material handling technologies to create added value



2008 World's first superfast mini load AS/RS with four stacker cranes that move past one another on the same rack but arranged in two tiers

2011 Pick-to-light systems with wireless displays mounted on collection boxes

2012 Cleanroom storage technologies to respond to the semiconductor miniaturization needs
Airport baggage handling system running at the world-leading speed of 600 meters per minute

Evolving from a material handling manufacturer into a Value Innovator



2014 Area management system, the first in the world to obtain ISO 13482 certification for personal care robots