

Beyond motion control technology.

SCOPE!

Nabtesco



Where is Nabtesco? Where is the future?

In the skies, the seas, and across the land... The essence of motion control technology is alive and well.

Nabtesco employees are on a quest for dreams in the rough diamond that will shape the society of tomorrow.

From way up here,
visions of "what could be"
emerge all over the city!

I want to travel on a
high-speed train as
comfortable as my own room!

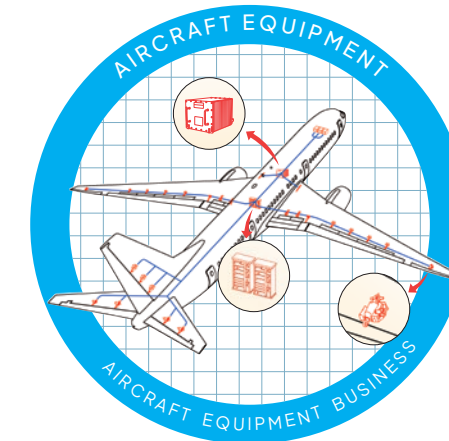
Controlling ships remotely
from home could be an
interesting idea.

It might be wonderful to have
quiet trucks powered by
renewable energy.

If there were a plane you
could board and disembark
from anywhere, you could
get moving right away.

Corporate Philosophy

The Nabtesco Group, with our unique motion control technology, will provide safety, comfort and a sense of security in daily lives as well as any form of transportation.



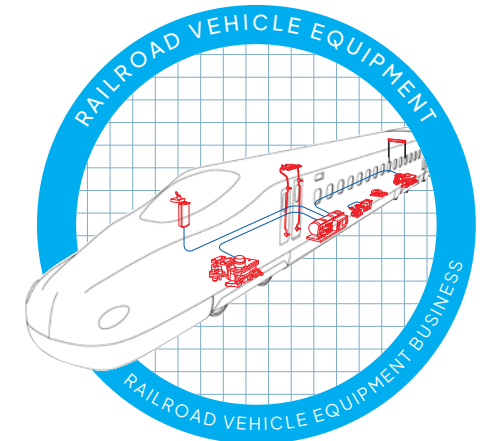
Ensuring safe and comfortable air travel

The Flight Control Actuation System, which controls three-dimensional movement of aircraft freely, is one of Nabtesco's main products. We support your safe and comfortable air travel.

SDGs related to our business



<https://www.nabtesco.com/en/products/aircraft/>



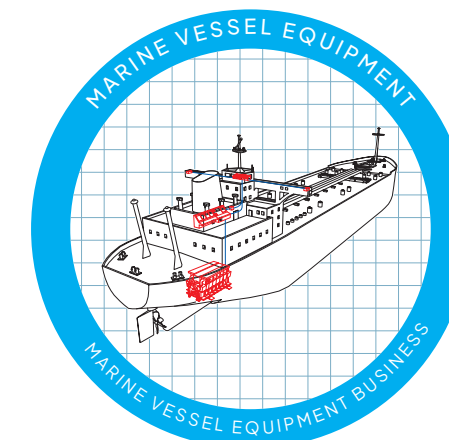
Providing safe, secure, and comfortable operation for railroad vehicles, an eco-friendly means of transportation, is part of "our technology" too

Our brake systems and doors for railroad vehicles are motion control technology present in your daily life.

SDGs related to our business



<https://www.nabtesco.com/en/products/railway/>



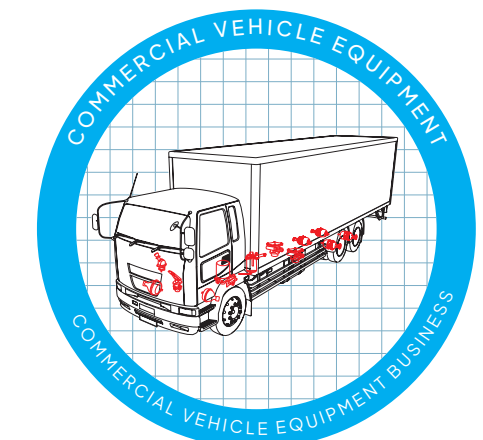
Making large-scale maritime transportation more sustainable

Large ships navigate the globe laden with numerous goods and people. Precise control of the main engines is crucial not just for safe voyages, but also for fuel efficiency and reduced environmental impact.

SDGs related to our business



<https://www.nabtesco.com/en/products/ship/>



Eco-friendly air brake technology contributing to fuel efficiency

Our daily lives are made possible thanks to distribution via trucks. Most of these trucks are equipped with Nabtesco's air brake products. We are furthering the development of new technologies for the next generation of mobility and electrification.

SDGs related to our business

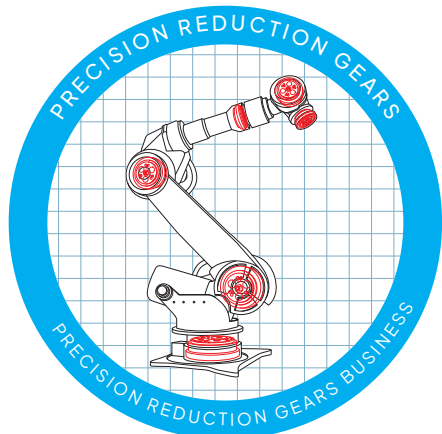


<https://www.nabtesco.com/en/products/automobile/>



Where is Nabtesco? Where is the future?

Great force coupled with precise action.
Our motion control technology is
at work here, too!



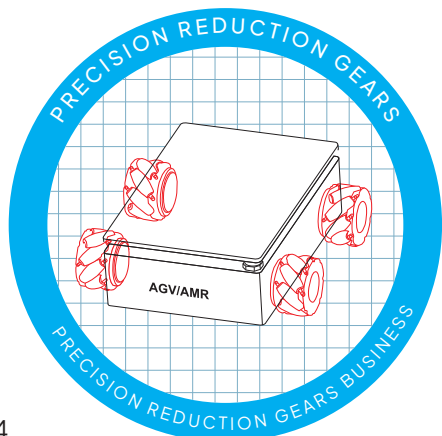
Precision Reduction Gears make industrial robots' precise movements

The precision reduction gears used in the joints of robots convert motor rotation into a large torque. In preparation for the coming era of smart mechatronics, we are further evolving our precision reduction gears.

SDGs related to our business



<https://www.nabtesco.com/en/products/robot/>



Using automation to make factories more comfortable to work in

Our Mecanum wheels, which take full advantage of our precision reduction gear technology, use a special system that enables them to freely move not only forward, backward, left, and right but also directly sideways or diagonally, and our automated guided vehicles (AGVs^{*1} and AMRs^{*2}) are equipped with these wheels. Our precision reduction gears are strong in terms of their high load capacity and reliability. This makes them not only suitable for transporting heavy loads but also outstanding for accomplishing slight movements, which enables them to contribute to labor saving and increased efficiency via automation at manufacturing sites, warehouses, and other job sites.

^{*1} AGV: Automated Guided Vehicle ^{*2} AMR: Autonomous Mobile Robot



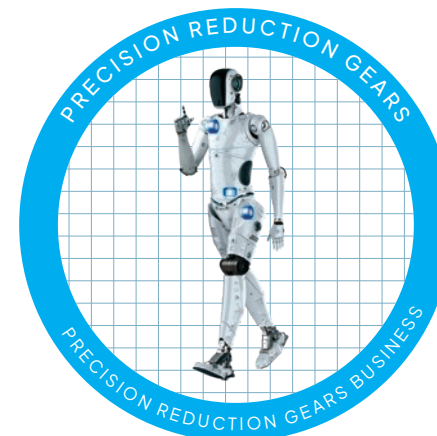
Supporting safe, secure, and clean packaging products

Packaging is indispensable not only for food, but also for toiletries and detergents. In preparation for the arrival of new eco-friendly packaging materials, we are providing pouch filling and sealing machines that meet high demands for safety, security, and cleanliness.

SDGs related to our business



<https://www.nabtesco.com/en/products/packing/>



Preparing for the coming era of physical AI

Our Monocrank™ Series of Compact Precision Reduction Gears boasts the high rigidity, load capacity, and reliability cultivated through our RV™ Precision Reduction Gears as well as a compact, lightweight design. These gears demonstrate their unique characteristics when used for the shoulder and hip joints of humanoid robots, thereby enabling consistent, slight movements. They will also contribute to automation and labor saving at manufacturing sites and other locations where the use of collaborative robots is expected to grow.

Where is Nabtesco? Where is the future?

We're aiming for a world
where anyone can travel in comfort anytime.
We are always by your side.



Ideas about "what could be"
are rough diamond of dreams.
How can I give it shape?



With a rollator that can even be
used on stairs, I can have an
easier time going anywhere.

Wouldn't it be wonderful if the
opening and closing of automatic
doors were linked with security and
people flow management
throughout the building?

自 NABCO 動

Prosthetics that allow smooth
movement at will, such as
prosthetic legs and arms, are
absolutely necessary!



A pioneer in automatic doors supporting social infrastructure

You may be familiar with the logo for our automatic door brand, NABCO. Nabtesco's automatic doors, including platform doors installed at train station, contribute to a barrier-free society via high reliability and service, and they are eco-friendly as well.

SDGs related to our business



<https://www.nabtesco.com/en/products/automaticdoor/>



Prosthetic knee joints that allow for unrestricted, secure walking

For those who have lost a limb, the functionality of a prosthetic knee joint is crucial not only for mobility, but also for taking part in society. We aim for a society where everyone can lead vibrant lives using advanced technologies, such as prosthetics featuring hydraulic electronic controls.

SDGs related to our business



<https://www.nabtesco.com/en/products/welfare/>

Looking toward 2030
and beyond...

We satisfy the world's needs
with our motion control technology

What we can do for a
sustainable future: creating
new value through the evolution of
motion control technology

Nabtesco Challenge

With Our motion control technology based on the key concept of “moving it, stopping it.” has provided support for social infrastructure in various places around the globe and in numerous aspects of your life. We are constantly pursuing the next step for this technology. The voices imagining “what could be” in the illustrations represent “the rough diamond of dreams”. Helping these dreams to take shape is our own dream. To make

everyone's dreams come true, Nabtesco will continue to take on the challenge of innovation with our unique motion control technology.

To provide safety, comfort, and a sense of security for everyone in the mobility and lifestyle domains, as well as contribute to a rich society and global environment, we will aim to be “Leaders in Innovation for the Future.”

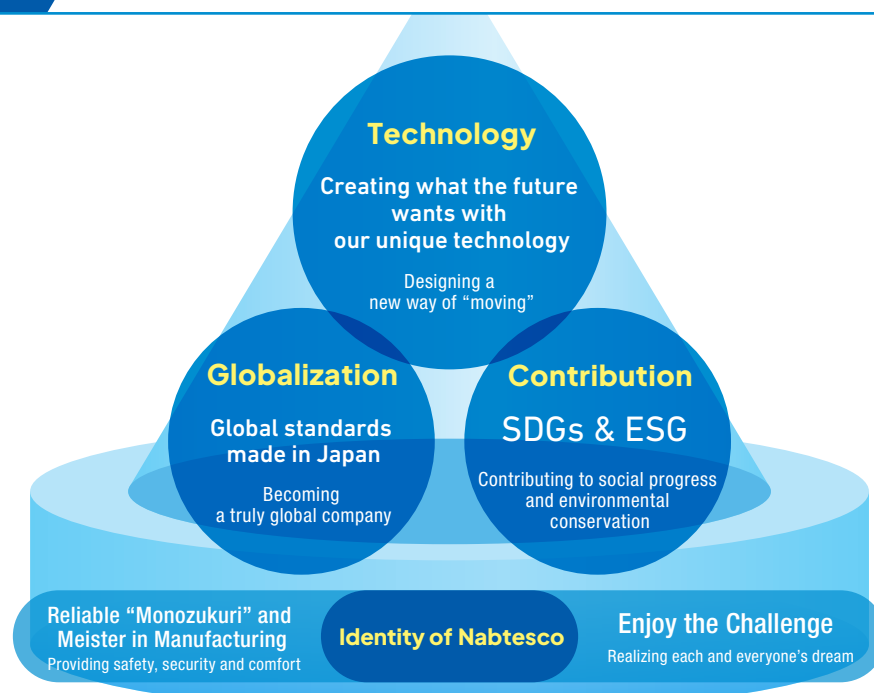
Nabtesco will evolve its unique motion control technology. To this end, we are taking on the challenge of creating new value by transitioning from a hardware technologies and component-centric approach to one that focuses on electrification, systematization, and DX

(digital transformation). We are committed to helping achieve a sustainable society by pioneering new motion control domains through our efforts to challenge Innovation and creation.

Innovation In Action Vision 2030

Vision 2030

Leaders in Innovation for the Future



Solutions for automatic doors utilizing the IoT AD-LINK

Challenges for automatic doors

- Automatic door maintenance and repair
⇒Excessive time taken to confirm and respond to sudden problems

Solutions

Automatic door monitoring and maintenance service (Available only in Japan)

Notifications are delivered the instant problems occur, which enables service-center staff to confirm the operational situation and promptly make repairs.



Solutions for marine vessels

Challenges in the Maritime and Shipping Industry

- Aging crew members and a shortage of young crew members
⇒Safe maritime navigation becomes challenging
- Skyrocketing fuel costs
⇒Skyrocketing maritime transportation costs

Solutions

- Providing autonomous navigation systems
- Improved fuel efficiency

Nabtesco's marine engine control system



Engine remote control

Manpower and labor saving:
TELEGRAPH AGENT™
Reduced manual work with
TELEGRAPH AGENT™

Optimal Planning System (Pythia)
Reduced fuel consumption thanks to
the calculation of optimal maritime
routes using Pythia



Manpower and labor saving:
TELEGRAPH AGENT™

By further accelerating electrification/systematization and DX in our business domains, we aim to be Leaders in Innovation for the Future, thereby advancing the provision of higher value-added products.

Ideas about “what could be”
are rough diamond of dreams.
We are heading towards the future.



Motion control technology is how we create dreams. Employees who embody this passion are Nabtesco’s greatest assets.

Our long-term vision of Leaders in innovation for the future relies on an indispensable resource: namely, our employees. Human capital is a primary source of our value creation process. In order to “meet” the expectations of customers, we need personnel who are strongly committed to meeting the needs of customers through unyielding technological innovation, performance & quality improvement and higher productivity. To take the next step of then exceeding the expectations of customers and society, we need to develop and attract personnel who can expand our existing business domains and launch new businesses to create and propose expectation-exceeding value. Nabtesco regularly conducts an employee engagement and organizational

diagnosis survey to grasp employees’ subjective ideas based on their engagement scores and clarify the present situation from the viewpoint of individuals and organizational culture. These findings inform initiative such as reforming our education and reskilling systems, thus aiding in the acquisition and development of personnel who will shape Nabtesco’s future.

This forms the foundation that gives rise to innovative human capital who can give voice to a future based on motion control technology.

Nabtesco, with its long-term vision of “Leaders in Innovation for the Future,” is committed to investing in human capital that allow employees of all backgrounds to take on exciting work with smiles on their faces.

Nabtesco
Action

We support the proactive
initiatives of our
employees.



Engagement

With an enriching
educational program, we
respond to our employees’
motivations.



Human Capital
Development

Our employees can choose
a style of working that fits
their lifestyle.



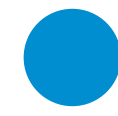
Fostering
Workplace
Diversity

The Nabtesco Way

Corporate Philosophy

The Nabtesco Group, with our unique motion control technology,
will provide safety, comfort and a sense of security in daily lives
as well as any form of transportation.

The Principles We Value



See the people.
See the planet.



Improve ourselves.
Advance society.



Create together.



Enjoy the challenge.



Stay curious.
Explore further.



Be open, fair,
and honest.

The Nabtesco Way is a collective term that means the Corporate Philosophy
and the Principles We Value.

By putting the Nabtesco Way into practice, we will lead to innovation.



The Nabtesco Way

Company Overview

Company Name: Nabtesco Corporation
Established: September 29, 2003
Address: JA Kyosai Bldg., 7-9, Hirakawacho 2-chome, Chiyoda-ku,
Tokyo 102-0093, Japan
TEL: +81-3-5213-1133 (main)



<https://www.nabtesco.com/en/about/company/overview/>

Primary Business Overview

Precision Reduction Gears

Precision Equipment Company
TEL: +81-3-5213-1151
URL: <https://precision.nabtesco.com/en/>



Railroad Vehicle Equipment

Railroad Products Company
TEL: +81-3-5213-1164
E-mail: railroad@nabtesco.com

Aircraft Equipment

Aerospace Company
TEL: +81-3-5213-1165
URL: <https://www.nabtesco.com/en/products/aircraft/>



Marine Vessel Equipment

Marine Control Systems Company
TEL: +81-78-967-5361
URL: <https://marine.nabtesco.com/en/>



Commercial Vehicle Equipment

Nabtesco Automotive Corporation
TEL: +81-3-5213-1191
URL: <https://www.nabtesco-automotive.com/en/>



Automatic Doors and Platform Screen Doors

Accessibility Innovations Company
TEL: +81-3-5213-1156
URL: <https://nabco.nabtesco.com/en/>



Welfare Equipment

Accessibility Innovations Company
TEL: +81-78-413-2724
URL: <https://mobilityassist.nabtesco.com/en/>



Packaging Machines

PACRAFT Co., Ltd.
TEL: +81-3-6275-1341
URL: <https://pacraft-global.com/en/>





Nabtesco
moving it. stopping it.

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Issued in February 2026