

Product Overview

As social infrastructure professionals in four business areas, the IHI Group solves various social issues and delivers prosperity and greater value to people's lives. The value that the IHI Group offers comes from its technologies. In the future, the IHI Group will focus on value itself, and by providing an entirely new form of products and services, the IHI Group will connect the value it creates with the value that its customers seek.

★ = Value provided by the IHI Group

⚙️ = Sources of value and technologies serving as strengths

1 Power generation boiler

- ★ Realization of low CO₂ emission power generation
- ⚙️ Cutting-edge ammonia combustion technology

2 Methanation plant

- ★ Generation and supply of e-methane
- ⚙️ Our proprietary catalyst with the highest durability

3 LNG storage facility

- ★ Ultra-low temperature energy storage
- ⚙️ Materials and welding technologies for cold storage

4 Marine diesel engines

- ★ Low CO₂ emission ships
- ⚙️ Decarbonized propulsion systems

5 Onshore gas engines

- ★ Realization of low CO₂ emission power generation
- ⚙️ Power generation engine compatible with decarbonized fuels

6 Bridges

- ★ Achieving economic growth and ensuring safety and security
- ⚙️ One-stop construction capabilities from design to maintenance

7 Gate facility

- ★ Disaster prevention and mitigation through water management of river basins
- ⚙️ Remote control and long-distance monitoring technology for water gates

8 Transport systems

- ★ Barrier-free transportation method
- ⚙️ Ultra-low floor vehicle design

9 Tower parking

- ★ Efficient and speedy automobile parking and entry/exit
- ⚙️ Extensive delivery record and maintenance network

10 Jib climbing cranes

- ★ Improved construction efficiency and shortened construction period for skyscrapers
- ⚙️ Control and transport technology for heavy objects

11 Automation and labor-saving systems

- ★ Resolving labor shortages at logistics sites
- ⚙️ Product lineup to meet diverse customer specifications

12 Compressors

- ★ Highly efficient supply of industrial air
- ⚙️ Aerodynamic design, high-speed rotation technology

13 Vehicular turbochargers

- ★ Improved environmental performance of various engines
- ⚙️ Aerodynamic design, high-speed rotation technology, mass-production technology

14 Aero engines

- ★ Reduction of CO₂ emissions through improved fuel efficiency
- ⚙️ High technical capabilities throughout the life cycle

15 Launch service business (Epsilon, SPACE ONE)

- ★ Compact launches that lower the threshold for space utilization
- ⚙️ High-efficiency technology for the entire launch system

16 Forest management, water utilization, and flood control for river basins

- ★ Contributing to disaster prevention and mitigation
- ⚙️ Data collection and data analysis technology from land to space

17 High-density weather observation system POTEKA

- ★ Contributing to disaster prevention and mitigation
- ⚙️ Sensing and communication technologies



Image of the future

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PRODUCT OVERVIEW



I VISION STORY

II VALUE CREATION STORY

III BUSINESS STORY

IV SUSTAINABILITY STORY

V DATA