

Product Chronology

The IHI Group has been providing technology in the form of products for 170 years. The technologies we have developed over the years range from the mundane to the cutting-edge. Combining them creates new value and turns them into something strong. The IHI Group creates value chains by connecting technologies with constant awareness of the value they create.

1853	1856	1866	1890
<p>Dec 5</p> <p>Ishikawajima Shipyard is established.</p> <p>(now Tsukuda, Chuo Ward, Tokyo)</p>	<p>Asahi Maru, Japan's first Western style wooden warship</p> <p>Source: Museum of Maritime Science</p> 	<p>Chiyodagata, Japan's first steam warship</p> <p>Source: Postal Museum Japan</p> 	 <p>Japan's first elevator in the leisure building Ryouunkaku</p> <p>Source: Edo-Tokyo Museum / DNPartcom</p>
1945	1955	1962	1966
<p>Ne-20, the first jet engine made in Japan</p> 	<p>Pencil Rocket, Japan's first rocket after the World War II</p> 	<p>Japan's first tower parking for the Takashimaya department building in Nihonbashi</p> 	<p>Idemitsu Maru, the world's largest and first-ever VLCC</p> 
1989	1993	1994	1997
<p>V2500 engine begins commercial operation</p> <p>Source: JAEC</p> 	<p>Japan's first ultra supercritical pressure boiler for Hekinan Thermal Power Station (unit 3)</p> <p>Source: JERA</p> 	<p>The first H-II Launch vehicle (IHI is in charge of the first stage LE-7 engine, etc.) ©JAXA</p> 	<p>Shield machine for Tokyo Bay Aqua-Line</p> 
2013	2020	2020	2021
<p>Epsilon test flight launch ©JAXA</p> 	<p>World's largest 250,000 kl LNG underground tank for Tokyo Gas Ogishima Plant</p> 	<p>Yamba Dam (in charge of a complete set of mechanical equipment, including the main gate)</p> 	<p>Haga Utsunomiya LRT</p> 

PRODUCT CHRONOLOGY

1896	1911	1922	1933	I VISION STORY
<p>Generator for the first made-in-Japan Asakusa Thermal Power Plant of Tokyo Electric Light Co., Ltd. Source: Electricity Museum</p> 	<p>Tokyo Station Building The first steel-frame building without scaffolding (Japan's first mobile crane)</p> 	<p>Wolseley, the first passenger car made in Japan</p> 	<p>Amagasaki Thermal Power Plant for Kansai Joint Thermal Power Plant Company (Japan's largest 53,000 kW generating steam turbines) Cooperation: Kansai Electric Power</p> 	
1969	1977	1978	1988	II VALUE CREATION STORY
<p>Japan's first LNG tanks for Tokyo Gas Negishi Plant Source: Tokyo Gas</p> 	<p>World's first automated storage for completed cars</p> 	<p>World's first construction method "U Project" (on-board pulp plant)</p> 	<p>Honda's engine equipped with IHI's turbo runs in the F1 and wins 15 out of 16 matches</p> 	
1998	2004	2010		III BUSINESS STORY
<p>World's largest suspension bridge, Akashi Kaikyo Bridge, opens</p> 	<p>Large 5,370m³ blast furnace for Sumitomo Metal Industries, Ltd. (Kashima) Source: NIPPON STEEL CORPORATION</p> 	<p>Asteroid explorer Hayabusa returns to earth (IHI is in charge of the return capsule, etc.) ©JAXA</p> 	<p>Huge LPG plant in Algeria (Phase 3)</p> 	
2022	2023	2024		IV SUSTAINABILITY STORY
<p>CO₂-free power generation achieved with the world's first gas turbine using 100% liquid ammonia</p> 	<p>World's top level yield of hydro-carbon production from CO₂ confirmed in the development of Sustainable Aviation Fuel (SAF) synthesis technology</p> 	<p>IHI's Cumulative Turbocharger Sales Reach 100 Million Units</p> 	<p>Developing World's First Aircraft Engine-Embedded Megawatt-Class Electric Motor</p> 	
				V DATA