# Powered by Innovation, Pioneering the Future

# **Company Creed / Corporate Philosophy**

- 1. Place a high value on trust and strive for the utmost reliability.
- 2. Maintain a vibrant company based on harmony and open-mindedness.
- 3. Be creative and contribute to society through our business activities.

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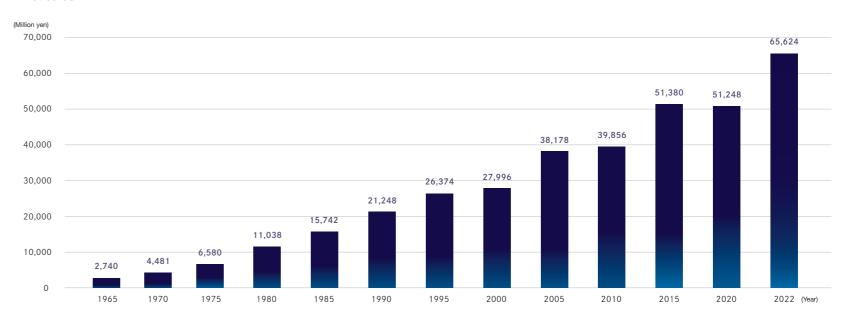
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# **Value Creation History**

Since our foundation in 1878, we have contributed to society's advancement through the provision of products that anticipate the needs of the times by using our technical expertise-the roots of our identity. We will continue to take on new challenges as we contribute to society in the safety and renewal fields.

#### **Net sales**



#### 1878-1950 -1962 -1980 -1998-2022-

- 1878 Ashimori Buhei the 10th begins trading in cotton and linen in Osaka, the center of Japan's spinning industry at that time.
- 1885 Begins manufacturing cotton power transmission ropes
- 1887 Begins manufacturing spindle bands for ring spinning machines in order to respond to demand spurred by technological changes in the industry.
- 1908 Establishes a full-fledged mass-production factory (in Juso, Osaka) in response to the stellar reputation for the company's braiding technology and the toughness of its ropes and spindle bands.
- 1935 Reorganizes as a joint-stock company named Ashimori
- 1944 Changes the company name to Ashimori Industry Co., Ltd.

- 1950 Company listed on the Osaka Securities Exchange.
- 1952 Succeeds in Japan's first development of the latex rubber-lined fire hose and begins its manufacture.
- 1953 Begins manufacturing synthetic fiber ropes.
- Company listed on the First Section of the Tokyo Stock Exchange.
- 1962 Begins manufacturing automotive seathelts.
  - Begins manufacturing airbags in 1989.
- 1967 Obtains JIS (Japanese Industrial Standards) labeling approval, a first for an automotive seatbelt manufacturer, a year after the JIS seatbelt standard was created.
- 1980 Begins PALTEM pipeline rehabilitation business; Ashimori adopted its proprietary technology for textiles and fire hoses to jointly develop PALTEM

with Tokyo Gas Co., Ltd.

- 1991 Begins manufacturing Air Roll cargo-transportation system.
- 1998 Establishes KPN Ashimori Co., Ltd. (now Ashimori (Thailand) Co., Ltd.). Establishes bases in Shanghai in 2003, India in 2009, South Korea in 2011, Mexico in 2012, and Germany in 2017.
- 2008 Establishes Ashimori Industry Yamaguchi Co., Ltd. Establishes the Hamamatsu
- 2016 Acquires Allsafe Japan Ltd.
- 2017 Acquires Shibata Industry Co., Ltd. Acquires Takara Sangyo in Shiga, Japan.

- 2022 Moves to the Prime Market on the Tokyo Stock Exchange
- 2023 Moves to the Standard Market on the Tokyo Stock Exchange.

1878-

Understanding the times and entering new business areas

1950 -

1962-

1980 -

1998-

2022-

**Excellence recognized worldwide** 

# Foundation: Rope-making begins

At a time when spinning factories were sprouting up in Osaka, company founder Ashimori Buhei the 10th believed that cotton yarn was a key to industrial advancement and a product sure to be in ever greater demand. He was the first in Japan to succeed in using a machine to make cotton rope used as a means to transmit power from one engine to multiple machines.





# Starts fire hose business

To respond to a rapid decline in demand for cotton power transmissions ropes, Ashimori decided to forego using linen, which was difficult to procure, and instead succeeded-for the first time in Japan—in the manufacture of cotton and nylon fire hoses that were leak proof thanks to latex rubber lining



# **Enters field of automotive** safety systems

With car seatbelts becoming mandatory in the U.S., increased demand was anticipated in Japan as well. Using its years of know-how in weaving, Ashimori began developing and manufacturing car



# Starts pipeline rehabilitation business

Taking advantage of the trend to maintain and repair existing gas pipelines instead of installing new ones, Ashimori utilized its accumulated technologies to develop PALTEM, a new pipeline rehabilitation technology (hose lining method) that was the first of its kind in Japan



## Expands overseas, establishes drivers of growth

In the automotive safety systems business, Ashimori built its first factory outside Japan, in Thailand, in 1998. The company went on to accelerate its global push by establishing strategic overseas bases for greater procurement capability, improved cost competitiveness, and wider sales routes. In the high performance products business, Ashimori expanded its production system. The company also strengthened business and expanded operations through moves including acquisitions of companies dealing in logistics



machinery and pipeline rehabilitation work.

#### **New Ashimori Vision 2028**

In the leadup to our 150th anniversary in 2028 we have revised our Mission Vision and Values statements to make them more engaging for group employees. We have also created a new slogan: "Powered by Innovation, Pioneering the Future" to enhance unity. The slogan inherits the spirit of our company creed and demonstrates our strong will to utilize our technological strengths and continue to reform our company culture with the aim of becoming an excellent, world-class organization.

# **Value Creation Process**

**Business activities** Output Outcome Input

# Company slogan Powered by Innovation, Pioneering the Future



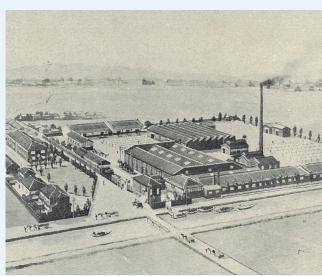
Ashimori Industry Co., Ltd. Integrated Report 2023 05

# The Source of Value Creation

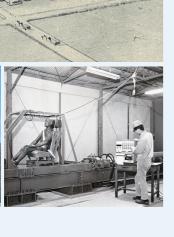
Ashimori has accumulated many strengths over its 145-year history. These strengths tradition and reliability; technology, adaptability, and R&D; and our people—are at the core of our company creed. They have enabled us to diversify business to come out with a range of products that contribute to the realization of a safe, secure, and comfortable society.

# **Tradition, Reliability**

Ashimori will celebrate its 150th anniversary in 2028. On the foundation of the strong technical expertise we have built up, we have sincerely responded to the detailed needs of the market and built relationships of trust with countless customers. By providing products that protect lives and livelihoods, we will continue to be a corporate group trusted by all.

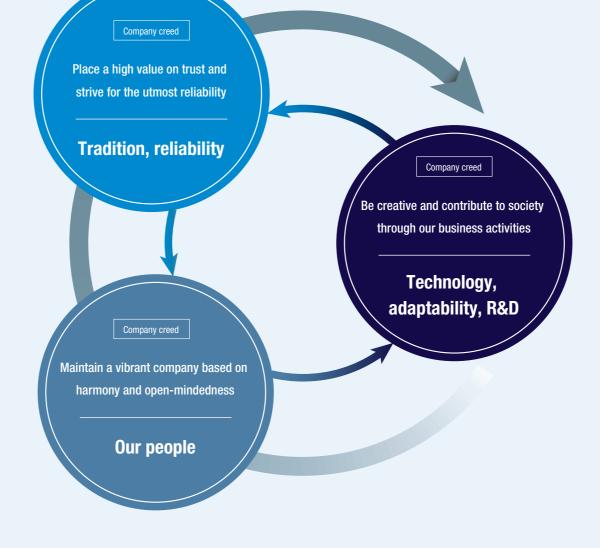


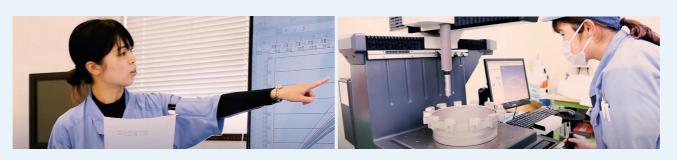




# **Our People**

The Ashimori Group HR Vision Statement has been formulated to foster our ideal of an Ashimori employee: someone strongly committed to our company principles, who takes the appreciation they receive for their efforts inside and outside the company to make their job more rewarding. The Ashimori Code of Conduct has also been formulated as our commitment to society.



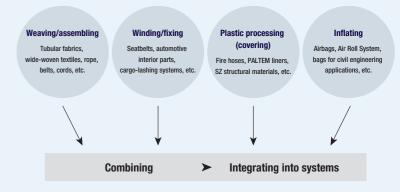


# Technology, Adaptability, R&D

Originally a rope manufacturer, we have continued to diversify our business operations by applying the core technologies that we cultivated in textiles. Now, having surpassed the boundaries of the textile industry, our central operations are in the fields of safety and renewal activities, such as safety-related automotive parts and the reconstruction of essential utilities. We will continue contributing to society through unceasing R&D and technological innovation.



## Harnessing core technologies to tap into the safety and renewal market



By deploying and combining our four core technologies of braiding/weaving, resin (coating) processing, winding/fastening, and inflating, we have developed products ranging from fiber/resin/metal composite components to complete systems. We are engaged in ongoing R&D with the aim of expanding our business in the safety and renewal market.

# **Our Businesses**

#### Features Solutions **Business** Our products ensure safety for car occupants in the Seatbelt-related Achieving both safety and comfort event of a traffic accident and provide a comfortable Seathelts car interior, thus contributing to improving the functions of automobiles, a part of social infrastructure. The transition to electric vehicles is moving the trend **Automotive Safety Systems** towards lighter automobile parts, and we are partnering with automobile manufacturers to develop ▶ P.18 products with low environmental impact. Airbag-related State-of-the-art technologies protect lives Airbags We have always manufactured a range of airbags that have incorporated the most advanced technologies of their time in the fields of fibers, chemistry, electrotechnics, electronics, control, mechanics, and net sales Side airbags Driver airhags Passenger airbags 46,666 million yen **Interior products** A comfortable car interior Preventing cargo from collapsing Fiscal year ended Sunshades (electric and nonelectric) March 2023 ic) regulate the separates the passenger Separation nets amount of sunlight seats and the cargo space. entering through car It prevents the cargo from windows and thus help collapsing or entering into create a comfortable the passenger seats during sudden brakina. BMW X2 (©BMW AG) We contribute to PALTEM (Pipeline Automatic Lining SysTEM) is a type PALTEM division ance and management of essential utilitie maintaining essential of trenchless technique for rehabilitating buried utility services using safe Manufacture and sales of materials and pipelines-such as those carrying potable water, equipment for PALTEM pipeline rehabilitation; rehabilitation technology. sewage, agricultural water, gas, telecommunications pipeline rehabilitation work signals, or electricity—without having to dig up the Construction materials pipe. This environmentally friendly method minimizes **High Performance Products** damages to pipeline surroundings while supporting lifeline infrastructure. ▶ P.20 We help make social infrastructure safe and secure **Disaster prevention division** Handling large-scale fires

Consolidated 18.926 million ven Fiscal year ended March 2023

- Fire hoses
- Emergency drain hoses
- Disaster prevention materials and equipment

# **Industrial materials division**

- Fishing and marine ropes
- Reinforcing fabrics for timing belts
- Labor-saving logistics systems

We manufacture and sell a variety of products from fiber materials to labor-saving logistics systems. Besides materials that help make possible clean, environmentally friendly energy, we have truck logistics products that can be easily used by anyone and contribute to a workplace conducive to all.

by providing a range of hose types; for example,

the time of water discharge, and large-diameter

minimize damage and injury in disasters.

low-pressure-loss hoses that reduce pressure loss at

hoses. We also have disaster mitigation products that

Ever since receiving JIS (Japanese Industrial Standards) certification in 1967, a first for a seatbelt manufacturer, we have been actively working to achieve both safety and comfort in developing next-generation seatbelts incorporating the technologies we have built up.





Curtain airhags



covers (luggage covers) are to block baggage and other items in the vehicle's cargo space from outside view. They are a great anti-theft measure.

Pipes (essential utilities) buried underground are subject to aging and have seen pipes damaged and weakened due to frequent earthquakes and ground sinkage. In response to the increasing needs for pipeline



Low-pressure-loss hoses reduce pressure loss by up to 50% during water supply, thus improving fire-fighting performance (greater water volume. shorter time in hose longer water supply distance).



Large-volume water-supply hoses can send large amounts of water over long distances. Since both sides of the hose are covered with urethane resin, it has the needed high weather resistance and durability for battling large blazes.

## Rescue support during disasters



Our water supply and drainage system boasts superb mobility and portability. It can contribute to quick rescue activities by providing temporary drainage in urban areas and supplying clean water in

# Labor savings in logistics



Our Air Roll System uses an air hose to raise and ower roller conveyors equipped on truck beds. It can easily be used by elderly people and women to lessen their workload.

## Preventing sinking on soft ground



Palace Sheet (tubular fabric technology) is a surface stabilization method that uses sheets to stabilize the surface layer of soft ground. When used as footing for heavy machinery temporarily placed on agricultural land, it is easy to remove and the ground can be easily restored to its original state

# At work in many fields



From wide-woven textiles used for rubber materials and heat-resistant screens, to lashing belts used to secure cargo or vehicles, we provide fiber materials for a wide range of fields.