

Net sales (Billion yen)

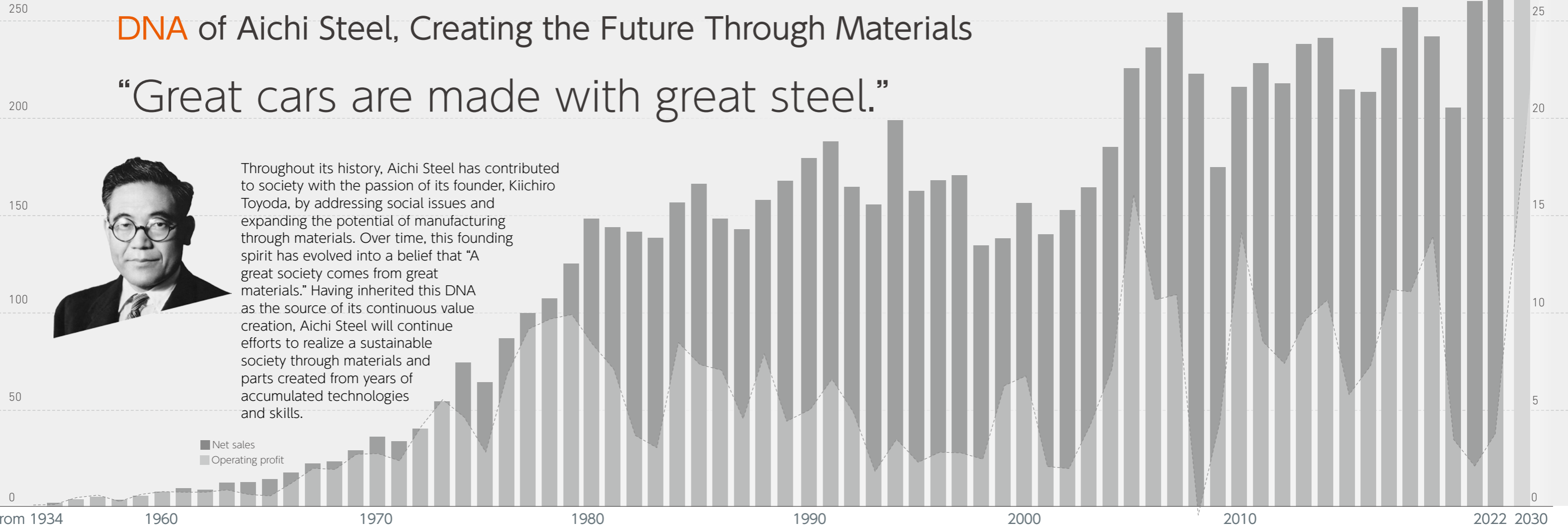
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DNA of Aichi Steel, Creating the Future Through Materials

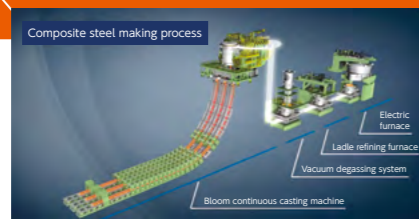
“Great cars are made with great steel.”



Throughout its history, Aichi Steel has contributed to society with the passion of its founder, Kiichiro Toyoda, by addressing social issues and expanding the potential of manufacturing through materials. Over time, this founding spirit has evolved into a belief that “A great society comes from great materials.” Having inherited this DNA as the source of its continuous value creation, Aichi Steel will continue efforts to realize a sustainable society through materials and parts created from years of accumulated technologies and skills.



Foundation



FOUNDATIONS Major investment as a decisive response to expansion of the automotive industry in Japan

- Adopted large electric furnaces and the latest steel rolling equipment, etc., and expanded production capacity by 2.5 times, to achieve international competitiveness in terms of quality and price
- Developed mass production systems, and started integrated forging with steel making processes, to meet the increased demand for forged products and need for high quality in an increasingly motorized society

ORIGINS Independent production of essential materials for automobiles

- Established as the steel making division of Toyoda Automatic Loom Works to enable the company to manufacture its own outstanding steel with durability and machinability suited to use as a material for automobiles



A1 prototype passenger car equipped with parts manufactured in the Steel Making Division

Growth

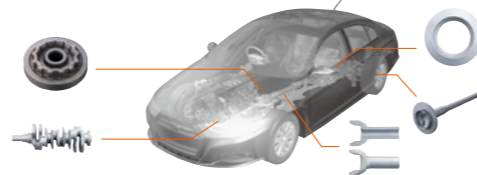
CHALLENGES Developed composite steel making process

- Adopted the world's first composite steel making process, which combined cutting-edge basic steel making technologies, to improve energy efficiency and achieve dramatic improvements in quality, cost, and delivery

DNA evolution (expanding the potential of manufacturing)

EVOLUTION Using the power of materials to address social issues

- Evolved founding spirit into a belief that “A great society comes from great materials,” and opened up a wide range of business fields, including environment, safety, medicine, and food with a focus on mobility, to contribute to the SDGs



CIRCULATION Consideration for the global environment

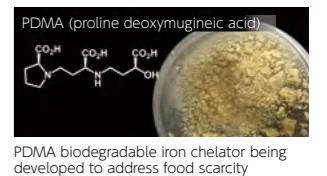
- Developed and implemented recycling technologies for end-of-life cars, and reuse technologies for the byproduct slag, and accelerated activities toward establishing a circular economy

EXPANSION Globalization and new businesses

- Established Aichi Steel's first overseas forging production site, built stable overseas supply systems, and contributed to globalization of the automotive industry
- Started full-scale production of electronic and magnetic parts, and started working toward a smart society



Large autonomous BRT bus equipped with the GMP5 autonomous driving support system
Photograph provided by: East Japan Railway Company



PDMA biodegradable iron chelator being developed to address food scarcity



1939-1945
World War II

1960s-1970s
Rapid economic growth in Japan

1985
Plaza Accord

2008
Global financial crisis

2015
Paris Agreement, 2030 Agenda for Sustainable Development

2020
Japanese government declaration of carbon neutrality by 2050
Spread of COVID-19