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HS HYOSUNG PROFILE

CREATING VALUE **TOGETHER**

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HS HYOSUNG

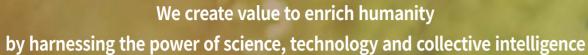
Embarking on a new journe for a better tomorrow

'CREATING VALUE TOGETHER'

CREATING VALUE TOGETHER



CREATING VALUE TOGETHER



HS HYOSUNG promises to open a new era that delivers healthier and prosperous life and future for all under the new corporate philosophy of "Value Management," which inherits and further develops the valuable experiences and properties HYOSUNG has accumulated for the past 60 years.

Our value management, conducted with the slogan "CREATING VALUE TOGETHER," is the new corporate philosophy of the company and aims to establish a balance between values in each field and maximize these values by expanding them to customers, shareholders, HS HYOSUNG members, business partners and even the community HS HYOSUNG is part of. HS HYOSUNG will maximize the value of the various businesses it engages in and will further strengthen its research and develop endeavors to maximize and optimize the values of all stakeholders based on the technological advancements achieved.

MASTERIA

"MASTERIA," HS HYOSUNG's corporate symbol, combines the Latin words "Materia" (meaning "origin" or "tree/forest") and "Aster" (referring to the goddess of stars). This portmanteau can also be interpreted as an amalgamation of "Master" and "Material." The HS HYOSUNG logo is inspired by the "Star," which has been part of HS HYOSUNG's name as the "Morning Star" and guides the world and our lives towards a more value-oriented path, and the "Tree" that represents a healthy future with its robust vitality, growth, and creation of multifaceted values such as clean air and cool shade. As a manifestation of the "Leading Star" and "Value Tree" that contributes to the world's development and provides limitless possibilities and value to humanity, the logo also embodies HS HYOSUNG's vision.



LEADING STAR

The "Star" Leading the World

Hyosung, which means "morning star" in Korean, embodies the founding philosophy of contributing to national development with unwavering entrepreneurship guided by a belief in becoming the star of the East. HS HYOSUNG is developing as a global leader in various business fields, including advanced materials, Al data solutions, SCM and mobility, with a solid foundation established with outstanding technologies and services. As the "Leading Star" that leads the world and creation, HS HYOSUNG promises to continue to develop into a company that leads the global market by creating a better tomorrow for its customers through constant challenges and innovation.



KRW 3,202 Billion

Total Sales of Advanced Materials

Advanced materials is the main business field of HS HYOSUNG, and the company develops, produces and supplies industrial yarn as well as carbon fiber and aramid fiber. As of the end of 2023, the total sales of HS HYOSUNG ADVANCED MATERIALS is KRW 3.202 billion.



Global No 1 Product

Tire Cord, Seatbelt Yarn, Airbag Fabric

Among the advanced material products of HS HYOSUNG, PET tire cords, seatbelt yarn and airbag fabric occupy the No. 1 position in global market share, and HS HYOSUNG tire cords in particular are used in nearly 50% of passenger car tires globally for the safety of people around the world.



Global Network 37 Site

19 countries, 37 overseas sites

HS HYOSUNG has made continuous efforts to build a global production base since its early years, and currently operates 17 manufacturing affiliates, 13 trade affiliates, 1 logistics affiliate, and 6 overseas branches and offices.

204,910 Million

Total Sales of Eco-friendly Products

HS HYOSUNG develops and supplies a wide variety of eco-friendly products that combine recycling and bio technologies, such as tire cords, PET, nylon yarn, airbag fabric and car mats.



Starting with the Jiaxing affiliate in China in 2020,

overseas affiliates in Germany and Romania began to produce, purchase and consume wind and hydroelectric power to reduce

the use of non-renewable energy. In 2023, additional solar power

Renewable Energy Usage

generation facilities were installed in the Jiaxing and Qingdao affiliates, increasing the amount of new and renewable energy generation by about 201% compared to 2022.

KRW 3,293 Million

Eco-friendly R&D Investment

HS HYOSUNG continuously conducts eco-friendly R&D in most of its businesses, including the development of tire reinforcement made with recycled PET based materials, development of wire rods for steel cord electric furnaces, and development of PET/NY dope dyed yarn.

VALUE TREE

A "Value Tree" of Growth and Coexistence

Trees and forests are sources that represent the beautiful balance of nature and symbolize a prosperous future. This is because trees and forests, which nourish the minerals of the earth and sunlight from the sun, are fundamentally connected to the birth and evolution of life. HS HYOSUNG continues to develop as a leading global material company by expanding the inspiration for innovation through continuous research and development in source technologies. With the spirit of the Value Tree, which symbolizes growth and coexistence, HS HYOSUNG will continue to maintain its position as a trusted partner.



Bio-material Lyocell Tire Cord

Lyocell Tire cord was developed by HS HYOSUNG ADVANCED MATERIALS using cellulose extracted from wood and produces approximately 30% less greenhouse gases compared to rayon or nylon tire cords. Other harmful byproducts of tire cord production, such as carbon disulfide and hydrogen sulfide, are minimized with the use of materials extracted from wood, and this prevents atmospheric and aquatic contamination caused by the generation and treatment of these harmful byproducts.



Recycled PET Floor Carpet

A floor carpet is an automotive component assembled on the underframe of an automobile. HS HYOSUNG ADVANCED MATERIALS developed the Recycled PET Floor Carpet by recycling waste PET bottles. This enables the company to continue to fulfill its mission of producing and supplying eco-friendly products capable of reducing plastic consumption and minimizing carbon emission.



Tree Planting in Celebration of Park Adoption for "Value Management"

HS HYOSUNG held a tree planting ceremony to celebrate the company's adoption of Seoraegol Park and a park adoption agreement signed with Seochogu Office. Through the agreement, HS HYOSUNG will manage Seoraegol Park as a safe and pleasant haven for the local community.



Ecosystem Preservation and Biodiversity Promotion Activities

HS HYOSUNG regularly conducts marine ecosystem preservation activities at adopted beaches through the "Adopt-A-Beach" program, and it also continues to fulfill its responsibility to preserve the ecosystem and promote biodiversity as a member of the community with a one-company, one-stream purification program, ecosystem disturbance species removal activity, purification volunteer activities and water tail grass restoration program.





BUSINESS AREAS



- · HS HYOSUNG ADVANCED MATERIALS CORPORATION
- · Global Safety Textiles (GST)



· HS HYOSUNG INFORMATION SYSTEMS CO., LTD.



- · HS HYOSUNG TRANSWORLD CO., LTD.
- HS HYOSUNG GLOBAL LOGISTICS VINA CO., LTD.



Mobility Business

- · HS HYOSUNG THE CLASS CORPORATION
- HS HYOSUNG TOYOTA CORPORATIO
- · HS HYOSUNG THE PREMIUM CO., LTD.
- · HS HYOSUNG PREMIERE MOTORS CORPORATION
- · HS HYOSUNG AUTOWORKS CO., LTD.

ADVANCED MATERIALS

Advanced Materials Business

HS HYOSUNG ADVANCED MATERIALS CORPORATION Global Safety Textiles (GST)

HS HYOSUNG ADVANCED MATERIALS CORPORATION • Tire Reinforcement PU • Technical Yarn PU • Interior PU • Carbon & Aramid PU



WORLD'S LEADING SOLUTION PROVIDER

We provide optimized customer value based on a system that can collectively produce and supply tire cords, steel cords, and bead wires, which are core tire reinforcement materials.



GLOBAL PRODUCTION SYSTEM

We supply high-quality products and timely customer services with an optimized global production system in many countries including China, Vietnam, the United States, Mexico and the EU.



EXTREME STRENGTH

We have successfully developed and commercialized ALKEX[®], a dream fiber stronger than steel, and carbon fiber TANSOME®, a cutting-edge material 10 times stronger than steel but only a quarter of its weight.





HS HYOSUNG ADVANCED MATERIALS prioritizes the safety and happiness of customers with its optimal high-tech materials.

HS HYOSUNG ADVANCED MATERIALS produces high-strength industrial yarn, fabric, and steel wire materials. In particular, it has the largest market share in the world as a supplier of tire cord fabric, yarn for automobile seat belts, and airbag fabric. It is strengthening its competitiveness with the self-development and commercialization of new materials that will drive sustainable growth.

HS HYOSUNG PROFILE



Tire Reinforcement PU

No. 1 market share in the world / Supplies 50% of passenger car tires worldwide

The Tire Reinforcement PU is the world's only comprehensive tire reinforcement manufacturer that supplies reinforcement materials for tires ranging from fiber tire cord to steel cord and bead wire. In particular, the company's PET tire cord, which has the largest market share in the world, is recognized for its excellent quality by global tire manufacturers, as evidenced by signing long-term supply contracts with major tire customers. The Tire Reinforcement PU has established local production systems in Korea and around the world, including in Korea, China, Vietnam, and Luxembourg, to stably supply products and provide prompt services. In addition, as the global No. 1 supplier of ultra-tensile steel cord, it is developing products to meet customer needs, such as lightweight and eco-friendly products.

• Tire cord • Steel cord • Bead wire







Technical Yarn PU

No. 1 in global market share of yarn for seat belts

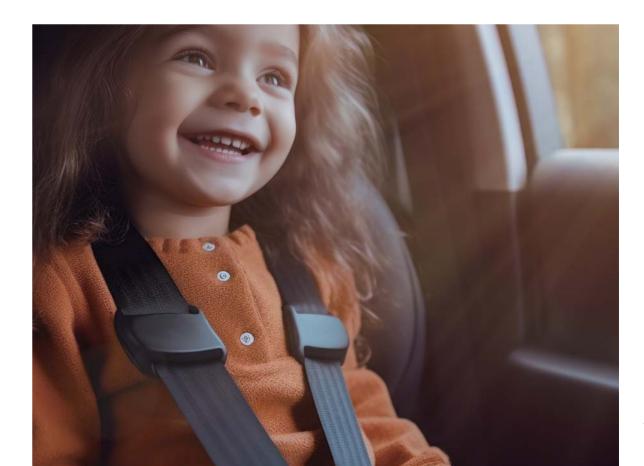
The Technical Yarn PU, which has the No. 1 global market share of yarn for automobile seat belts, sells many types of yarn needed in various industries. It developed a polyester yarn for automobile airbags for the first time in Korea, which has high market growth potential. As it develops recycled polyester yarn for automotive airbags, the company is steadily demonstrating research results and new products to provide customers with new value and growth engines. It is providing differentiated services with overseas production plants in China and Vietnam, and is continuously expanding its production capacity overseas.

- Polyester yarn for seat belts Polyester and Nylon 66 yarn for airbags
- Polyester and Nylon 66 yarn for high-strength sewing thread
- Polyester yarn for industrial applications including power transmission belts (PTB), rope, fishing, and nets















Interior PU

No. 1 market share in Korean roll and tile carpets

The Interior PU is the only carpet specialist operating in Asia capable of producing a full range of products from yarn to finished carpets. In particular, its main product, Swan Tile Carpet, has acquired the Korea Environment Mark and KS Certification, and leads the commercial carpet market with its unparalleled quality. Interior PU is also actively responding to the rapidly shifting demands of its customers by developing Korea's first contamination- and wear-resistant nylon square hollow fiber. In the case of automotive carpets, the Interior PU successfully developed the world's first polyester tufted carpet for automobiles, and is currently supplying it to renowned car manufacturers such as GM and Tesla. In addition, in line with the latest trend in the EV market, the Interior PU is solidifying its position as a leader in the automotive carpet market with automotive carpets (recycled products) made with Global Recycled Standard (GRS) certified yarn.

- Automotive carpet: Floor carpet, Optional mat
- Commercial carpet: Swan roll carpet, Swan tile carpet, Swan mat
- BCF yarn for carpets: Nylon, Polyester, Polypropylene





Carbon Aramid PU

HS HYOSUNG ADVANCED MATERIALS' carbon fibers and aramid, developed with its proprietary technologies, have the potential to be used in various industrial fields due to their high-strength properties.

Carbon Material Business

Korea's first commercialization of high-strength, intermediate modulus carbon fiber

With growing interest in increasing the efficiency of energy use, carbon fiber is gaining more attention as a key material for weight reduction. Carbon fiber is a fiber material with a carbon content of 92% or more. It is a state-of-the-art material that is a quarter of the weight of steel but more than 10 times stronger, and it is used in a variety of industries and sports/leisure fields. In particular, TANSOME®, the first high-performance carbon fiber developed in Korea, comes in a standard modulus grade (tensile strength of 5.5 GPa and tensile modulus above 250 GPa) and an intermediate modulus grade (tensile strength of 5.5 GPa and tensile modulus above 290 GPa).

HS HYOSUNG ADVANCED MATERIALS will continue to endeavor in research and development as well as technological innovation, to secure a more stable supply network, and to provide improved services for greater customer satisfaction.

- Industrial applications (pressure vessels, civil engineering construction, automotive parts, wind blades, etc.)
- Aviation applications (aircraft interior and exterior materials, brake discs, etc.)
- Sports/leisure applications (golf clubs, fishing rods, luxury bicycles, rackets, luxury leisure vessels, etc.)







Aramid Business

Successful commercialization of aramid fiber- ALKEX®

ALKEX®, a high-functional super fiber developed with proprietary technologies, offers five times the strength of steel and unique flame retardant properties. ALKEX® is used as a core material for bulletproof vests, helmets, and vehicles, and is actively being used for automobile and industrial purposes. Aramid is the main component of tires for EVs, which require stronger physical properties because of the weight of batteries. To respond to the increase in demand, the Aramid Business unit is striving to meet customer needs with a variety of products by securing an annual production capacity of 3,700 tons.

- Yarn/fabric for bulletproof products
- Yarn for fiber-optic cables and ropes
- Yarn for civil engineering and construction reinforcement
- Yarn for composite materials
- Yarn for MRG (for reinforcing hoses and belts)
- Yarn for protective clothing









Global Safety Textiles (GST)



The world's largest airbag fabric manufacturer

Global Safety Textiles (GST), which produces flat fabrics, cushions, and one-piece woven (OPW) products, is the world's largest manufacturer of airbag fabrics and has the biggest global market share in flat fabrics. GST boasts high technological competitiveness and holds patents for the latest weaving, cutting and OPW processes, and supplies a wide range of products to suit customer needs based on its total airbag fabric and cushion production processes. GST maximizes customer satisfaction based on its global network.

• Flat fabric for airbags (coated/uncoated/high-con) • Cushions for airbags • OPW fabric for airbags (coated/laminated/X-tether)

AI Data Solution Business HS HYOSUNG INFORMATION SYSTEMS CO., LTD.

HS HYOSUNG INFORMATION SYSTEMS CO., LTD.



NO 1. HIGH-END STORAGE

HS HYOSUNG INFORMATION SYSTEMS officially proved its value by establishing a powerful and safe data infrastructure with the VSP Series, which has been No. 1 in the IDC-certified high-end storage market for 10 consecutive years.



HS HYOSUNG AI PLATFORM

HS HYOSUNG AI Platform is an integrated AI platform developed for corporate AI applications, and combines GPU servers and storage infrastructure with optimized performance with an AI model operation management system. HS HYOSUNG AI Platform, which prioritizes performance, resource efficiency and operation management, is capable of presenting customized proposals considering customer requirements and operation environments.





The leading provider of AI and data infrastructure solutions, driving digital transformation optimized for customer business environments.

A company specializing in AI, data infrastructure and digital transformation (DX)

HS HYOSUNG INFORMATION SYSTEMS was founded in 1985 as Korea's first IT company to supply mainframes and disks to public and financial institutions, and has been leading the market for more than 35 years by offering advanced technology and optimized services across the entire IT infrastructure spectrum, including servers, storage, and appliances.

In line with the rapidly evolving AI era, HS HYOSUNG INFORMATION SYSTEMS offers future-oriented storage integration strategies and the latest solution lineups, including AI/HPC, data lakes, cloud, and software-defined data centers. With differentiated technology and customized consulting, the company provides the best strategies for the AI and data infrastructure innovation of its customers.

- IT Infrastructure and Data Center Modernization/Disaster Recovery Solution and Consulting Service
- Private/Hybrid Cloud Solutions Al Platform and Data Analytics Platform

SCM Business | HS HYOSUNG TRANSWORLD CO., LTD. HS HYOSUNG GLOBAL LOGISTICS VINA CO., LTD.

HS HYOSUNG TRANSWORLD CO., LTD.



GLOBAL SCM PARTNER

With more than 30 years of experience and knowledge accumulated while carrying out the logistics of a trading company, HS HYOSUNG has achieved the best competitiveness in the industry, and it continues to solidify customer trust through stable and efficient logistics management.

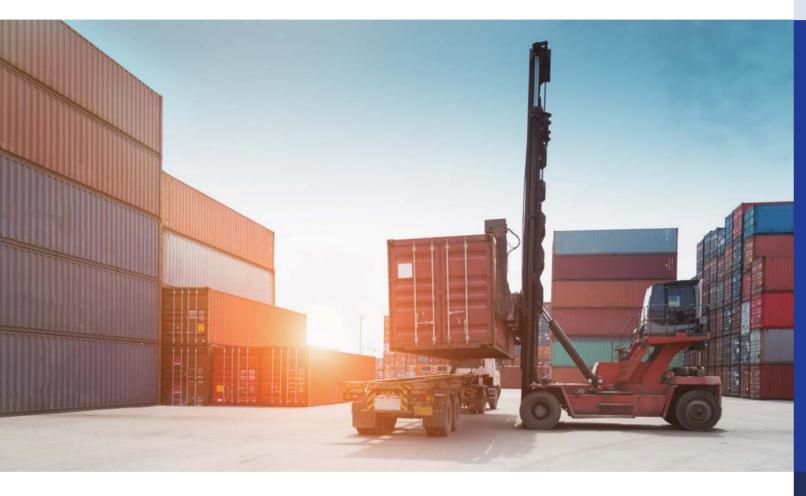




HS HYOSUNG TRANS WORLD is a global SCM partner that provides stable service and high-quality logistics solutions for all kinds of cargo, including containers, bulk, plant materials and project cargo, contributing to reducing logistics costs and strengthening the import/export competitiveness of customers.

With experience and know-how accumulated for over 30 years while overseeing the SCM operations of more than 20 business units of HYOSUNG Group, HS HYOSUNG TRANS WORLD has set up a third-party logistics unit to further expand its business.

While establishing a solid logistics network with 123 partners in 37 countries around the world, the company launched its Vietnam affiliate in 2023 and developed/introduced a global integrated IT system in 2024 to offer a more digitaloriented service and to optimize customer supply networks. HS HYOSUNG TRANS WORLD promises to provide toptier SCM services to its customers by achieving business innovation and developing services with systematic voice of customer (VOC) activities to respond flexibly to the wide range of customer demands.





TOTAL SERVICE FOR GLOBAL AUTOMOBILE

HS HYOSUNG offers differentiated total services from new car sales counseling to purchasing, A/S and used car transactions for premium car brands such as Mercedes-Benz, Toyota, Lexus, Jaguar and Land Rover, as well as electric trucks from BYD, the global No. 1 EV brand.

HS HYOSUNG GLOBAL LOGISTICS VINA the Vietnam affiliate of HS HYOSUNG TRANS WORLD, was established in Ho Chi Minh City to reduce logistics costs and strengthen the global competitiveness of group affiliates based in Vietnam while promoting PU growth and diversifying their profit structures. By expanding the experience and know-how HS HYOSUNG TRANS WORLD has accumulated over 20 years of overseeing the import/export operations of HYOSUNG Group affiliates with 123 partners in 37 countries around the world, HS HYOSUNG GLOBAL LOGISTICS VINA Company aims to expand its business into new logistics fields, including Vietnam group affiliate logistics management and third-party logistics and depot operations. The company will present logistics solutions optimized with systematic voice of customer (VOC) activities to respond quickly to changes in the logistics field and the wide variety of customer demands, and it is developing an efficient logistics information sharing system with continuous logistics IT system development and investment. HS HYOSUNG GLOBAL LOGISTICS VINA Company strives to increase customer value with the logistics services it provides to its customers.







HS HYOSUNG THE CLASS CORPORATION

HS HYOSUNG THE CLASS is Mercedes-Benz's top official dealer of choice, and it offers the best Mercedes-Benz experience based on stable and differentiated services, continuous investment and trust that only large companies can provide.

Since its establishment in 2013, HS HYOSUNG THE CLASS has operated a total of 10 showrooms, four in the Seoul area (Gangnam-daero, Songpa, Guri, Hanam), four in the Gyeonggi-do area (Bundang, Anyang, Dongtan, Yongin), and two in the Chungcheong-do area (Cheongju, Cheonan), and is a "Premium Lifestyle Provider" that offers total services ranging from purchasing to financing, A/S and certified used car transactions.

HS HYOSUNG THE CLASS promises to provide new experiences that no other brand can with consultants professionally trained to offer the value of Mercedes-Benz.

HS HYOSUNG TOYOTA CORPORATION

Since its establishment in October 2009, HS HYOSUNG TOYOTA, an official TOYOTA dealer, has been continuously expanding its network by operating showrooms in Seocho, Gangseo and Pyeongchon, as well as service centers in Seocho and Gangseo.

HS HYOSUNG TOYOTA was the first Toyota dealer to obtain "TSM Kodawari" (Toyota Customer Service Management Kodawari) certification based on the high-quality service experience it gives customers, and it continues to work to improve the value of customer lives with differentiated customer care services that set it apart from the competition.

HS HYOSUNG TOYOTA will continue to offer customers excellent products, services, and experiences to guide them toward a better lifestyle.







HS HYOSUNG THE PREMIUM CO., LTD.

HS HYOSUNG THE PREMIUM is the official dealer of Toyota Motor Korea, and sells Lexus and Toyota vehicles in the Jeolla-do region.

The company operates showrooms and general repair (GR) centers in Gwangju, Jeonju, and Suncheon for one-stop total service, as well as the largest Gwangsan (BP) service center in the Jeolla-do region.

HS HYOSUNG THE PREMIUM endeavors to be the partner of customers that offers an elevated cultural experience based on the know-how accumulated over the years.

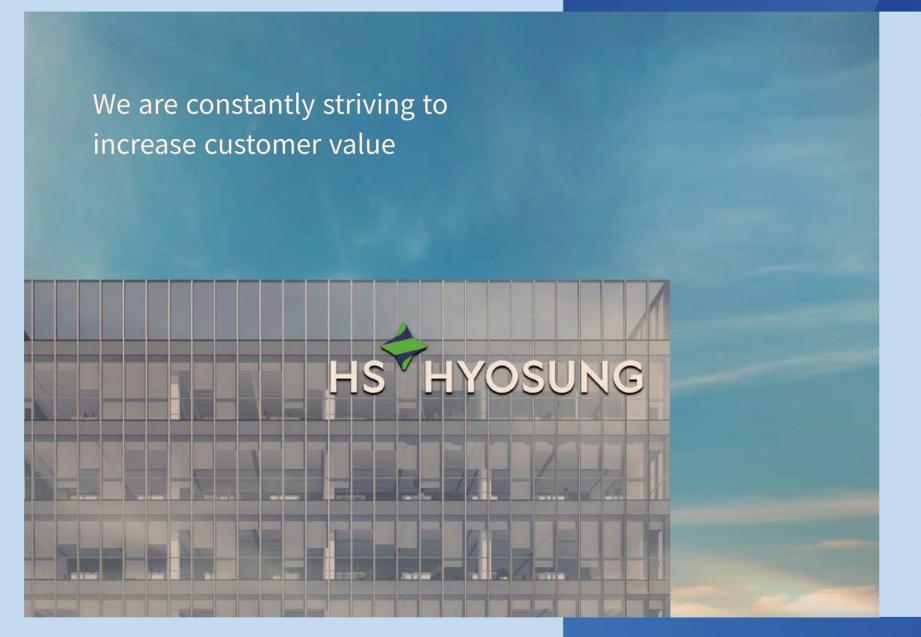
HS HYOSUNG PREMIER MOTORS CORPORATION

HS HYOSUNG PREMIER MOTORS is the authorized retailer of Jaguar Land Rover Korea. The company, founded in 2016, provides the proprietary value of British "Modern Luxury" to customers and operates the brand's largest comprehensive service centers, new car showrooms, and used car business in Busan, Ulsan, and Gyeongsang-do. HS HYOSUNG PREMIER MOTORS offers differentiated premium services and brand experience to discerning customers with the philosophy of Modern Luxury.

HS HYOSUNG AUTO WORKS CO.,LTD.

HS HYOSUNG AUTO WORKS is the dealer of commercial EVs from BYD, the world's No. 1 EV brand, and it oversees sales and service operations in Seoul, the northern metropolitan area, Incheon, Jeolla-do and Gangwon-do. It currently operates showrooms and service centers in Sangam in Seoul, Guri in Gyeonggi-do and Gwangju in Jeolla-do.

HS HYOSUNG AUTO WORKS is also the exclusive importer of complete cars and tuning parts from world-renowned tuning brands Brabus, ABT and AC Schnitzer. Experience the world's finest high-performance cars at the one-stop showroom at Banpo-dong, Seoul and service center in Sangam.



About HS HYOSUNG



Brief History



Research & Development



ESG Management



Global Network



World Wide HS HYOSUNG Map



Business Directory



Since its foundation in 1966, HS HYOSUNG has led the global materials industry beyond Korea with an unwavering spirit of challenge honed by the history of developing and producing Korea's first tire cord sheet and developing advanced carbon fiber. The endless innovation of HS HYOSUNG will continue with value management to give greater value to customers around the world.



BRIEF HISTORY

2015-2024

- 2025 HS HYOSUNG THE CLASS Maybach Brand Center scheduled to open (world's first)
- 2024 Established a new holding company, HS HYOSUNG; Incorporated affiliates of HS HYOSUNG ADVANCED MATERIALS CORPORATION, HS HYOSUNG INFORMATION SYSTEMS, HS HYOSUNG TOYOTA, HS HYOSUNG THE CLASS, HS HYOSUNG THE PREMIUM, HS HYOSUNG PREMIERE MOTORS, HS HYOSUNG GLOBAL LOGISTICS VINA COMPANY LIMITED, and HS HYOSUNG USA HOLDINGS; HS HYOSUNG INFORMATION SYSTEMS achieved No. 1 Korean IDC high-end storage market share for 10 consecutive years (2014-2023), and implemented "next-generation PACS system" high-performance infrastructure for Yonsei University Health System
- 2023 HYOSUNG Advanced Materials expanded carbon fiber line at Jeonju plant; HYOSUNG Advanced Materials established carbon fiber production affiliate in Bà Rịa–Vũng Tàu, Vietnam; HYOSUNG Information Systems implemented HPC infrastructure for the development and education of upstage Al solution and set up "D-Cloud zero-downtime system" for Daegu Metropolitan City Office
- 2022 HYOSUNG Advanced Materials established carbon fiber production affiliate in Jiangsu. China
- 2021 HYOSUNG Advanced Materials acquired "Gold Medal Rating" in the 2021 EcoVadis Assessment; HYOSUNG Advanced Materials expanded Ulsan aramid plant; HYOSUNG Advanced Materials signed longterm carbon fiber supply contract with Hanwha Solution; HYOSUNG Information Systems established Kumho Tire Al-big data-based digital twin; The Class Hyosung achieved accumulated sales of Mercedes-Benz exceeding 100,000
- 2020 HYOSUNG Advanced Materials expanded carbon fiber production line at Jeonju plant; The Class Hyosung signed MOU with Citi

- Bank and received five awards at the Mercedes-Benz Korea Dealer Awards, HYOSUNG Information Systems opened data center solution demonstration DX center
- 2019 HYOSUNG Advanced Materials received "USD 500 Million Export Tower" at the 56th Trade Day, HYOSUNG Information Systems supplied eBay Korea with the world's largest HCI
- 2018 HYOSUNG split into a holding company HYOSUNG and four business affiliates of HYOSUNG T&C, HYOSUNG Advanced Materials, HYOSUNG Heavy Industries and HYOSUNG Chemical; HYOSUNG Advanced Materials established new tire cord production affiliate in Vietnam
- 2016 HYOSUNG Group celebrated 50th anniversary, HYOSUNG Industrial Material PG Interior PU completed automotive carpet plant in Qingdao, China
- 2016 HYOSUNG Group achieved KRW 1 billion profit and joined the "KRW 1 Billion Club"
- 2015 HYOSUNG Group was designated as Excellent Institution for Sponsorship of Culture and Arts by the Ministry of Culture, Sports and Tourism; Established Creative Economy Support Group (Jeollabukdo); Opened Carbon Specialist Start Up Foster Center; HYOSUNG Information Systems ranked No. 1 in the high-end storage market
- 2015 HYOSUNG Group acquired Excellent Family-Friendly Company Certification; Acquired The Kwangju Ilbo

2001-2014

- 2014 HYOSUNG Information Systems HDS was designated as "Best Supplier" at the 2014 Quality Awards; The Class HYOSUNG opened Cheonan showroom; HYOSUNG Industrial Material PG highperformance carbon fiber TANSOME received 2014 Korea Technology Award
- 2013 HYOSUNG Industrial Material PG completed Jeonju carbon fiber plant; Acquired ISO certification; Launched carbon fiber brand TANSOME;

- Tire Reinforcement PU acquired internationally accredited Carbon Labeling certification
- 2011 Tire Reinforcement PU signed an MOU with Michelin for long-term supply contract extension (5 years); Successfully developed carbon fiber and announcement of investment plan;, Tire Reinforcement PU signed USD 180 million steel cord supply contract (largest contract in the steel cord industry); Acquired Global Safety Textiles (GST, world's No. 1 airbag fabric company)
- **2010** HYOSUNG Tire Reinforcement PU announced the establishment of a joint steel cord venture in China/Thailand with Sumimoto of Japan
- 2009 HYOSUNG Industrial Material PG completed construction of aramid fiber plant. Established HYOSUNG Toyota
- 2007 HYOSUNG completed construction of tire cord plant in Vietnam; The Class HYOSUNG received Top Customer Satisfaction for 3 consecutive years
- 2006 HYOSUNG was designated as "The Most Respected Company" for 3 consecutive years; Completed construction of steel cord plant in Nanjing, China; Held ceremony for the 100th anniversary of HYOSUNG founder Manwu Jo Hong-je; Tire Reinforcement PU signed USD 320 million tire cord supply contract with Goodyear
- 2005 HYOSUNG Information Systems received Minister of Information and Communication Merit Award; HYOSUNG Tire Reinforcement PU signed USD 650 million steel cord supply contract with Michelin; Acquired local plant
- 2004 HYOSUNG completed construction of tire cord plant in Jaxing, China; Interior PU launched "Ion-Free" PTT carpet; Eonyang plant acquired ISO/TS 16949:2002 certification
- 2003 HYOSUNG developed nylon 66 yarn for airbags; Tire Reinforcement PU Ulsan plant acquired ISO/TS 16949:2002 certification; Established HYOSUNG Steelcord Qingdao LLC in Qingdao, China; Established import car sales affiliate The Class HYOSUNG
- 2002 HYOSUNG Tire Reinforcement PU acquired Michelin tire cord plant in Scottsville, USA; Signed long-term tire cord supply contract with Michelin
- 2001 HYOSUNG developed the world's first high-functional PTT carpet;

HYOSUNG Information Systems established strategic partnership for storage sales with SUN

1966-2000

- 1998 HYOSUNG T&C, HYOSUNG Trading, HYOSUNG Life Industries and HYOSUNG Heavy Industries merged into HYOSUNG Co., Ltd.; Steel cord unit acquired ISO 9001 certification
- 1997 Completed construction of Cheongwon home carpet plant; Chemical fiber unit acquired ISO 9001 certification
- 1996 Tongyang Nylon renamed HYOSUNG T&C; Tongyang Polyester renamed HYOSUNG Living Industry; HYOSUNG Living Industry established HYOSUNG VINA in Vietnam
- 1995 Tongyang Nylon completed construction of Daejeon tile carpet plant
- 1992 Tongyang Nylon began production and sales of artificial grass for interior application
- 1990 Tongyang Nylon received USD 500 million Export Tower Award
- 1987 Tongyang Nylon completed construction of Eonyang steel cord plant
- 1986 HYOSUNG NAS installed Korea's first public organization system (Korea Electric Power Corporation)
- 1985 Established HYOSUNG NAS (currently HS HYOSUNG INFORMATION SYSTEMS); Completed construction of Anyang General Training Institute
- 1984 Passing of HYOSUNG founder Jo Hong-je
- 1983 First export of tire cord production technology to India
- 1981 Tongyang Nylon completed construction of employee apartments for Ulsan plant
- 1977 Developed BCF yarn for carpets
- 1975 Tongyang Polyester held Ulsan plant completion ceremony
- 1973 Established Toplon and Tongyang Polyester
- 1971 Established Technological Institute
- 1970 Tongyang Nylon acquired Hanil Nylon; Tongyang Nylon began conveyer belt sheet at Ulsan plant
- 1968 Tongyang Nylon held Ulsan plant completion ceremony and began tire cord sheet production
- 1966 Tongyang Nylon was registered as corporation and completed construction of Ulsan tire cord plant



RESEARCH & DEVELOPMENT

STEEL WIRE TECHNICAL CENTER

The Steel Wire Technical Center was established in 1986 to develop leading-edge production technologies for tire reinforcement materials (Steel cord, bead wire) and related products. The Steel Wire Research Center has been a leader in research focused on enhancing tire performance and reducing weight by applying Ultra High Tensile Strength Steel Cord. Recently, we have concentrated on developing nextgeneration steel cord for tire lightweighting and durability improvement, and we are currently working on manufacturing technology for Megahigh Tensile Strength Steel Cord. Additionally, with a commitment to a sustainable future, we are at the forefront of sustainable research and technology development that contribute to resource conservation and environmental protection through the development of eco-friendly raw materials and processes. Leveraging a collaborative network with various universities and research institutions, the Steel Wire Research Center provides optimized solutions and competitive value to global customers. Moving forward, we will continue to lead the industry by developing innovative technologies that meet customer demands and adapt to market changes, securing future growth drivers.







• Steel wire processing technology development

- Steel wire heat treatment technology
- Plating and surface treatment technology
- Wire Drawing Technology
- Mega high-tensile strength product manufacturing technology

Tire-specialized research

- Ultra high performance tire (UHPT) reinforcements
- Low fuel consumption tire reinforcements
- Eco-friendly tire reinforcements
- Electric Vehicle tire reinforcements
- Tire analysis technology
- Research on the characteristics of future vehicles and next generation tires

· Sustainable Research

- Research on the use of recycled scrap as raw materials
- Research on the use of eco-friendly raw materials and process development

· Steel wire application research

- Ultra-fine wire development
- Hose wire development
- Steel wire reinforcing communication cable development
- Special function wire development



2024	durability improvement of truck and bus tires.
2022	Developed New Higher Strength Steel Cord for EV Tire
2021	Developed Sustainable Bead Wire
2020	Developed design technology for optimized condition of steel wire drawing process
2019	Developed precision-control heat treatment technology through a metal microstructure prediction program
2018	Developed steel communication cable center tensile wire / supporting wire
2017	Developed the fine-diameter hose wire
2016	Developed the ultra-fine filament steel cord for LTR carcass
2015	Developed hybrid cord, a new concept tire reinforcements
2013	Established Chinese Steel Wire Technical Center, Developed high performance stranding machine
2012	Developed fine-diameter saw wire, and diamond wire, Designed and optimized bead wire manufacturing process in Vietnam plant
2011	Established Vietnam Steel Wire Technical Center
2010	Designed and optimized the steel cord production process in Vietnam
2009	Developed mono wire for ultra-light tires
2008	Optimization & designing of the steel cord production process in Nanjing (China) plant
2007	Designed and optimized the saw wire production process
2006	Developed UT (Ultra Tensile, 4000 Mpa) steel cord
2005	Developed recycling process of lubricants used in wet drawer of wire to reduce waste
2004	Optimization & designing of the steel cord production process in Qingdao (China) plant
2003	Developed a new steel cord production process improved brass plating
1999	Developed NT (Normal tensile, 2850 Mpa), HT (High tensile, 3300Mpa), ST (Super tensile, 3650 Mpa) steel cord
1998	Developed a new bead wire production process
1996	Developed technology that enhances the platting efficiency of brass
1987	Designed and optimized the tire reinforcement production process

Developed Sustainable Steel Cord, Developed of a 1+5 UT Next-Generation Unique Steel Cord for lightweighting and

ESG MANAGEMENT

HS HYOSUNG is a global company that provides outstanding technology and services in various business fields including advanced materials, data solutions, SCM and mobility with the vision of "creating value that brings prosperity to mankind by harnessing the power of science, technology and collective intelligence."





ESG Management Vision and Core Values

Just like its symbol, "Masteria," HS HYOSUNG will faithfully perform its role as a Leading Star and Value Tree that benefits the world and offers endless possibilities and values to all mankind with value management for the maximization and optimization of stakeholder values as its foundation.

Share Value Maximization

We maximize shareholder and investor profit by improving business performance through continuous value creation.



HS HYOSUNG'S ESG

Management

"Creating Value Together" Value management that

we create together

Customer Value Maximization

We improve customer satisfaction by developing innovative new technologies and reliable products and services.



Mutual Cooperation Reinforcement

We build trust with partners with fair and transparent transactions.



We bring happiness to every HS HYOSUNG family through a corporate culture that shares and communicates its vision.

Happiness of HS HYOSUNG Family



Social Value Reinforcement

We faithfully fulfill our social responsibility and pursue sustainable growth achieved in cooperation with the local community.



2024 ESG HIGHLIGHT



· HS HYOSUNG ADVANCED MATERIALS acquired Platinum rating in 2024(Global Top 1%)

Dow Jones Sustainability Indices

Powered by the S&P Global CSA

- · HS HYOSUNG ADVANCED MATERIALS listed on the DJSI Korea Index for two consecutive years
 - · Top 6% among all participating companies



- · Achieved top industry standard for energy efficiency and performance
- · HS HYOSUNG INFORMATION SYSTEMS, VSP One Block



- · HS HYOSUNG certified as Great Place to Work in employee survey
- · Designated by Vietnam and Luxemburg GPTW



- · Designated as Certified Local Community Contribution Institute for 6 consecutive years
- · HS HYOSUNG ADVANCED MATERIALS HQ and Ulsan plant

HS HYOSUNG CREATING VALUE TOGETHER



Volunteer work harvesting and packaging agricultural goods at Smart Farm for the Disabled



Yubudo Island ecosystem-disturbing plant species removal activity

GLOBAL NETWORK

implemented over an extended period of time, and this has been the driving force behind HS HYOSUNG becoming a global company with more than 70% of its sales generated overseas. The global network of HS HYOSUNG is still working toward a better tomorrow.

















Localized Strategic Network

The global competitiveness of HS HYOSUNG originates from a local strategic network that quickly and stably supplies the products customers want. HS HYOSUNG has been focusing on establishing a global production base since its early years, and accurately identifies the preferences and lifestyles of each customer and reflects them in its products.



HQ 8 Plant 4 Institute 1



37 locations in 19 countries

Production Affiliate 17 | Trade Affiliate 13 Logistics Affiliate 1 | Branch and Office 6



17 locations in 10 countries

KOREA | CHINA | HONG KONG | VIETNAM JAPAN | INDIA | INDONESIA | MALAYSIA TAIWAN | THAILAND



12 locations in 8 countries

GERMANY | LUXEMBOURG | ROMANIA | RUSSIA ITALY | SPAIN | TÜRKIYE | SOUTH AFRICA



8 locations in 2 countries

USA | MEXICO

WORLD WIDE HS HYOSUNG MAP

Overseas Locations

ASIA

CHINA

· Jiaxing · Qingdao · Jiangsu

· Changshu · Hong Kong

VIETNAM

· Dong Nai · Quang Nam

· Ba Ria Vung Tau · Hochiminh City

JAPAN

INDIA

· Tokyo · Osaka · Haryana

INDONESIA MALAYSIA \cdot Jakarta · Kuala lumpur

TAIWAN THAILAND

· Taipei ·Bangkok



EUROPE & AFRICA

GERMANY

LUXEMBOURG

· Murg · Bad Saekingen · Colmar-Berg

ROMANIA

RUSSIA

· Jud. Mures · Sighisoara · Moscow

ITALY

SPAIN

$\cdot \, \text{Milanese}$

· Barcelona

T RKIYE

SOUTH AFRICA

· Maslak Istanbul

· Kwazulu Natal · Gauteng









● Mapo · Cheongdam · Dogok Anyang Plant Daejeon Plant Jeonju Plant

AMERICAS

USA

· Charlotte

· San Diego

· Detroit

· Decatur

MEXICO

· Torreon Coahuila

· Ensenada B.C



Korean Locations

SEOUL

· Mapo · Cheongdam · Dogok

ANYANG

· Anyang Plant

Roll Carpet, Automotive Carpet

Nylon BCF DAEJEON

· Daejeon Plant

Tile Carpet, PP BCF

ULSAN

· Steel Cord Institute

· Ulsan Plant

Aramid JEONJU

· Jeonju Plant

Carbon Fiber



BUSINESS DIRECTORY

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