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FUTURE LEADER FUTURE CORE  
HANYANG

The efforts of the past create the present,  
and the present that challenges creates a certain future.  
Future Leader Future Core, Hanyang Precision

Endless efforts have been made for over 30 years for the value of your happy life.  
Hanyang Precision is changing for a bigger future based on sweat, passion and potential.  
Today, Hanyang Precision that will become a new history opens a hopeful tomorrow to  
become the customer's best partner.





### CEO Message

In the center of South Korea's change and its innovative stage, there is Hanyang Precision.

## A customer-oriented global company Hanyang Precision will lead its way.

Greetings,

Along with the unique management philosophy of Hanyang Precision Co. Ltd, based on principle and right track, we have taken big steps for over 30 years to walk the right path, with pride in global best quality and a modest attitude to our core technology.

We, Hanyang Precision Co. Ltd have contributed to the development of the local automotive and excavator industry since the establishment in 1981, and in order to provide safe and convenient products to the customers, we have focused on the future-oriented and the technology-based management innovation, and thanks to the continuous R&D activities from the entire executives and employees, we have grown into the customer-oriented global company that targets the best quality as its top priority.

Based on strict quality management system and self-verification competence, the main business system of our company involves automotive division comprised of materials of automobile parts, processing, and assembly and excavator division comprised of painting, complete assembly line, equipped with outstanding quality and a systematic production system.

In other subsidiary companies, based on an automated system, large size excavator of high quality and various products such as commercial vehicle parts and so on are being manufactured.

With such diversified business know-how, creative management and Hanyang Precision's unique RBPS management innovation system, efforts are being made to become a first class business that would lead the future industry. Furthermore, we give you our word once again that we will become the best company that will not disappoint the support and expectations of customers.

"Hanyang Precision that will generate incomparable values with the right management philosophy will become a company that prioritizes the value of customers."

The Chairman of Hanyang Precision Co. Ltd

Shin Dong Guk



### Innovation System

Hanyang Precision that highly regards environment and people will achieve a happy tomorrow based on RBPS management innovation.

## RBPS Management Innovation System towards creative management

Based on RBPS management innovation, we will strive to become a first-class company that considers quality, environment and people by unfolding company-wide innovative activities.



## Automotive Division

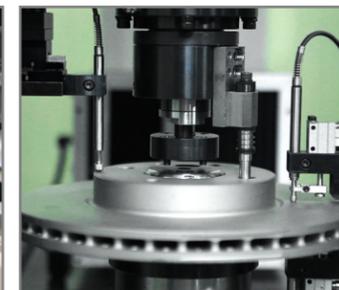
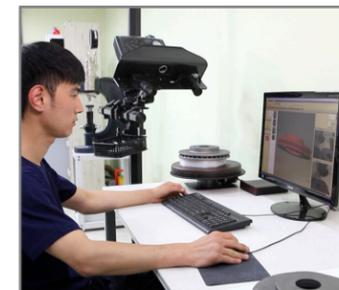
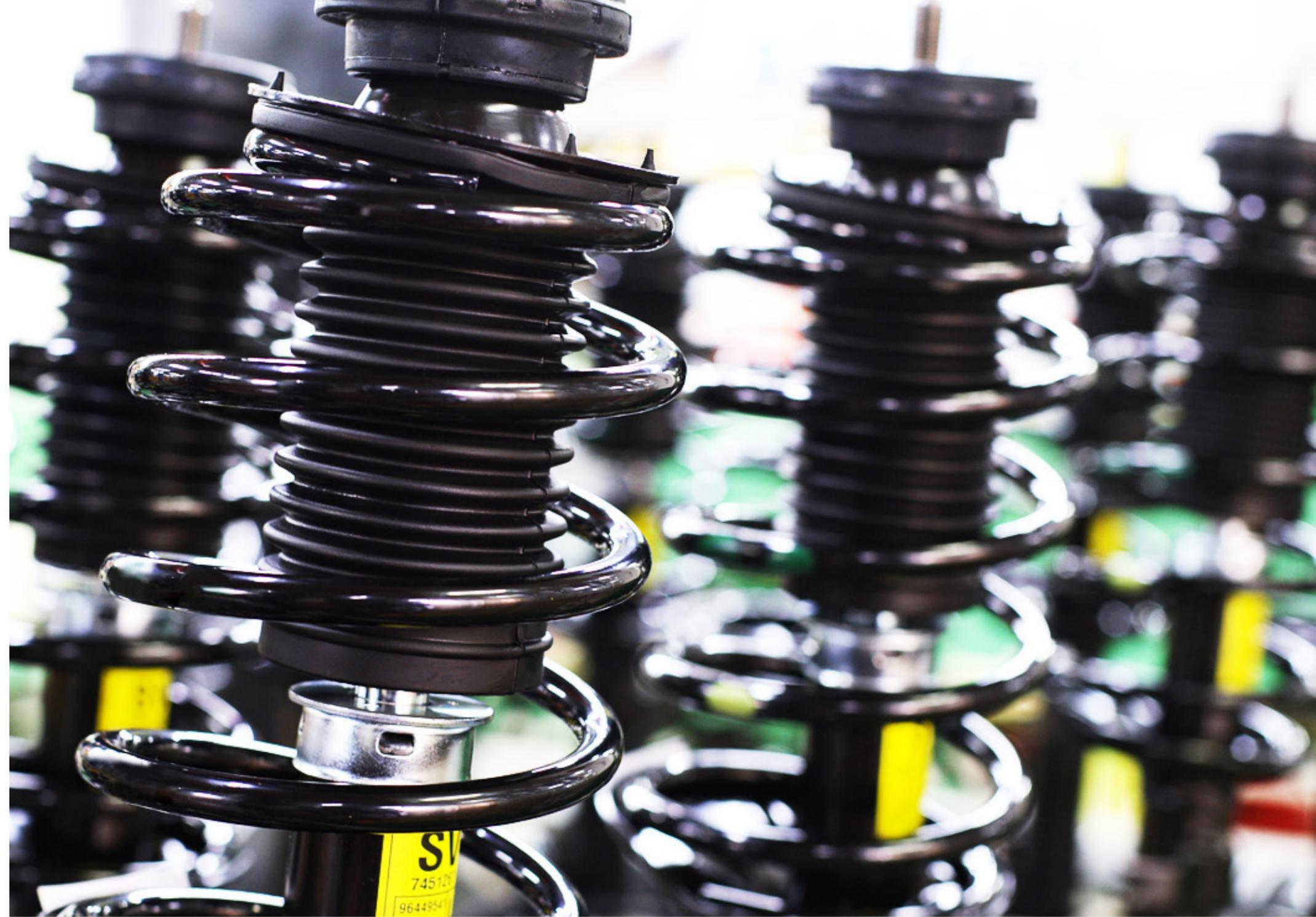
Disc, Drum, Hub  
Casting  
Suspension  
Wheel & Tire

# Business Overview

### Automotive division that pursues perfection for automobile safety

The automotive division with its technology acknowledged through TS 16949 certification has been manufacturing automotive brake parts' material and products such as disc, drum, hub and so on for over 20 years.

By applying the latest dynamometer, testing competence in the field of complete vehicles has been secured and along with the successful mass production of brake rotor of Alpheon, development for brake rotor, hub and so on is in place for not only GM Korea but also for the global GM. Efforts are being put to secure a product of perfect quality equipped with reliability from the initial development stage.





## Disc, Drum, Hub

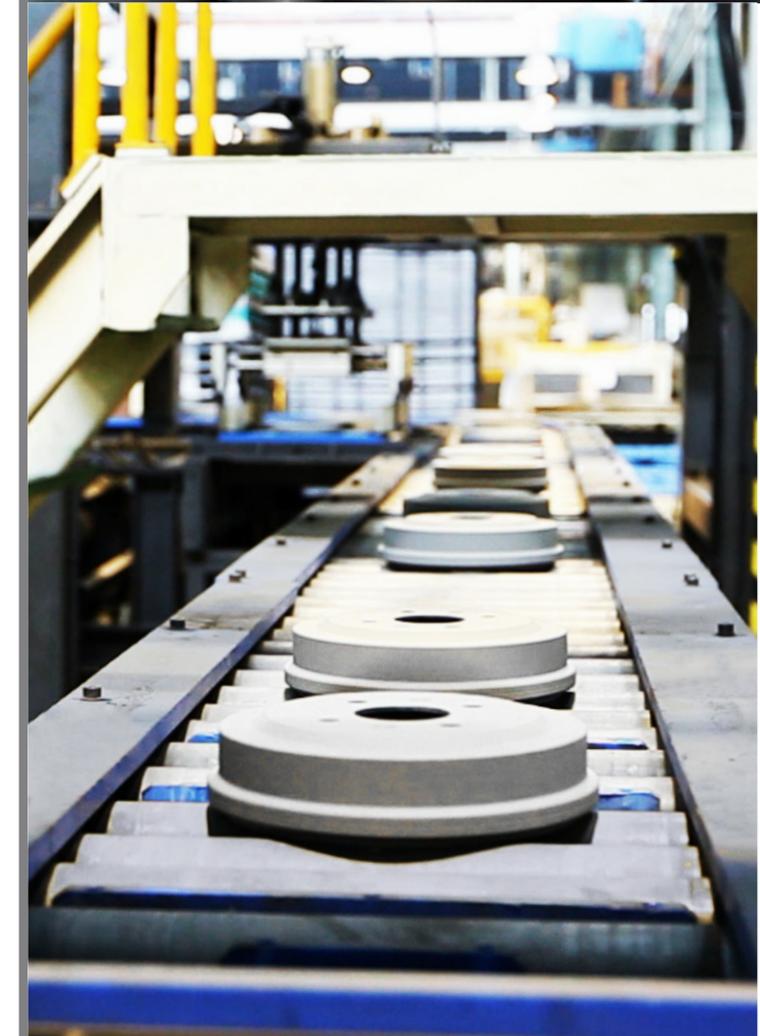
**Representative applied-cars** Matiz, Spark, Genra, Aveo, Trax, Mokka, Lacetti, Cruze, Orlando, Malibu, Alpheon

**Technology** Optimal product designing with 3D modeling through CAE  
Processing Jig designing and precision processing technology  
Part experimentation and validation

**Main Equipment**

Assembly Line	J200, T250 Front/Rear Ass'y Line
Painting Line	Pre-treatment Electro Deposition Painting Line
Processing Line	Hessap Line, Mazak Line
Quality Control	Out-of-roundness Measuring Device, Component Analysis Device, 3D Measuring Device, Shape Measuring Device, Brinell Hardness Testing Machine

**Test Equipment** Thermal Abuse Dynamometer  
Noise Dynamometer  
Hub Fatigue Tester  
Cyclic Corrosion Tester



## Casting

Hanyang S&C Haman plant manufactures the materials of disc and drum for the parts of the automotive brake system. Environmentally-friendly engineering, high technology and the up-to-date automation facilities have been set up to realize the world's best material quality. Hanyang S&C Haman plant will also play a leading role in this industry by optimizing product manufacturing as well as contributing to the industry development.

<b>Representative Product</b>	Brake Disc & Drum Material
<b>Main Facilities</b>	Melting Furnace (3,500kw 6Ton 2S4B) Pressure Pouring M/C (5Ton/7.5Ton ) Sand Plant (100Ton/Hr) Mold Cooler (Φ3,500) Shot Blast M/C (15Ton/Hr)



## Suspension

The suspension department is the primary vendor of GM Korea, and since 1996, it has been manufacturing the assembly of suspension system. In addition, it has also continuously been evaluated by the customers as "Grade 1 Company", the highest grade in terms of delivery and quality every year.

<b>Representative Product</b>	Genra Front Suspension System Cielo Front Suspension System (Exported)
<b>Main Facilities</b>	Assembly Line : Press M/C – Bearing, Hub Nut Runner – S/Caliper, Damper Thread RNG, Hex-nut Brake hose Fool-proof and self-inspection in all processes



## Wheel & Tire

As a new business of Hanyang Precision's automotive division, this new department manufactures Wheel & Tire sub-assembly for the GM Korea. It is equipped with production capability and the up-to-date facilities that are capable of meeting the customer's needs, and possesses the best quality guarantee ability based on vision system.

<b>Representative</b>	Wheel & Tire Assembly (Matiz, Spark)
<b>Main Facilities</b>	Vision System, Balance M/C, Inflator, Mounter, 5 level load system



## Business Overview

### The driving force of Hanyang Precision's development, Excavator Division

Hanyang Precision's excavator division is equipped with an assembly line and welding technology that is capable of manufacturing approximately 400 units per month, and with the motto of customer first principle, it is determined to manufacture the world's No.1 excavator through strict quality control, on-time delivery and consistent enhancement activities.

Beside, the close collaboration with other partner companies and the strong organizational bond among employees are the pride of the excavator division, and is the driving force of the development of Hanyang Precision. Starting from welding to the complete vehicle, experience the unique Hanyang Precision's excavator based on advanced manufacturing system.



## Welding Department



As the parent department of Hanyang Precision, which has continued manufacturing welding products over the last 30 years, manufactures the main welding parts of the small-sized excavators with the technologies accumulated to this day.



**Representative Product** Small-sized excavator, Zero-tail type excavator Main Frame, Track Frame, Boom, Arm, Blade Chassis Frame.

**Main Facilities** NC Laser Cutting Machine  
NC Plasma Cutting Machine  
NC Gas Cutting Machine  
110T Boring Machine  
NC 130 Boring Machine 7  
HM1000 MCT  
Robot Welding System

**Technology** Plasma/Laser Cutting Technology  
Specialized Welding Technology (AR, SUS, TIG)

## Assembly Department



**Representative Product** DX55 Series DX55 (Crawler Type), DX55W (Wheel Type)  
Main Models of Excavator Division  
Powerful driving power (high performance on slope)  
Excellent durability  
Increased exchange period of spare part, cost saving  
Convenient maintenance system

**Zero-tail Series** DX60R, DX80R, DX35, DX30, DX27  
Excellent performance in constricted regions  
High-tech oil pressure system & powerful,  
Environmentally-friendly Engine  
Extended view, excellent control system

**Main Facilities** Assembly Line : Conveyer Type Assembly Line  
Painting Line : Pre-treatment Line, complete painting line



Dong Woo Machinery  
Hanyang S&C  
POLSKA

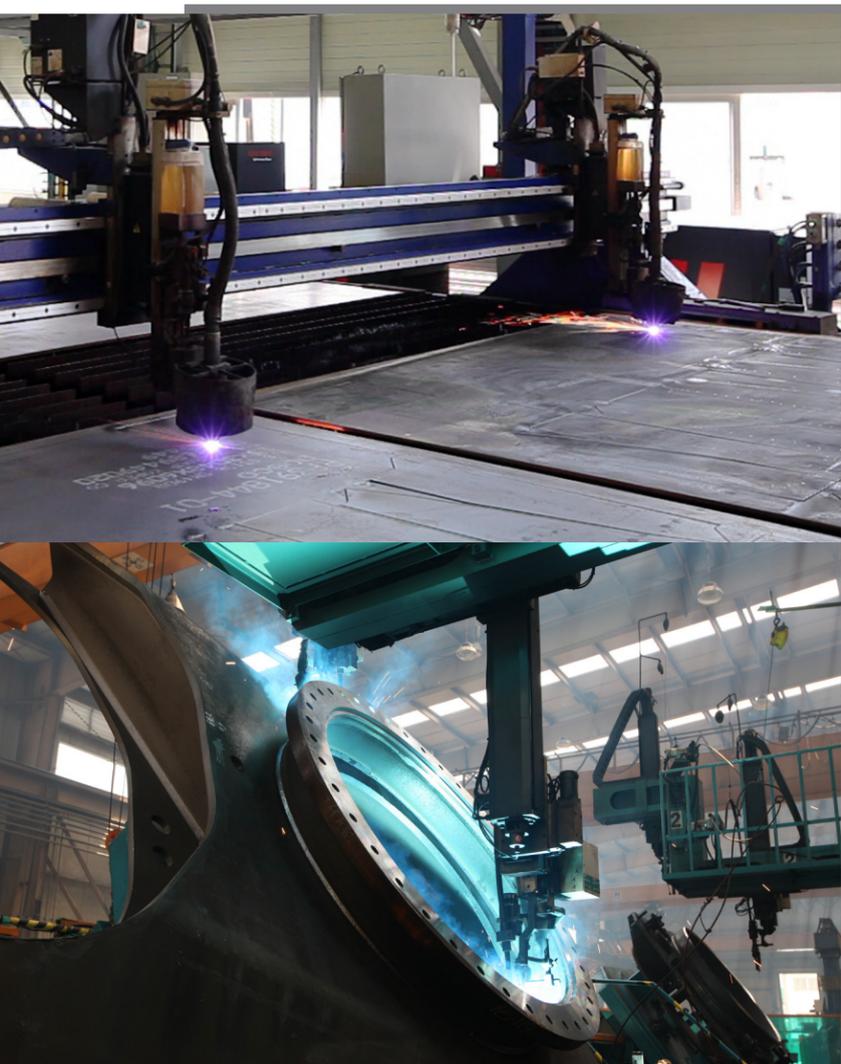
## Affiliate



### People-oriented, Hanyang Precision

An endless challenge toward the changes! It was unfamiliar in the beginning but our actions considering the environment changed us, and the transformed 'we' were able to produce the best quality products. Hanyang Precision is not merely a company but it is a fruitful workplace where all employees' dreams can be realized, where everyone will be able to enjoy a happy life. We will continue to evolve towards the best with a clean environment and with high quality products.





## Dong Woo Machinery

### Pioneer in the welding industry, Dong Woo Machinery

Dong Woo Machinery, as an outstanding vendor of Volvo Group Korea, manufactures and supplies high quality upper/lower frame, which are the main parts of large size excavators, and also manufactures small-sized excavator's Boom/Arm/Bucket, which are supplied to its parent company, Hanyang Precision.

**Representative Product** Welding parts for large size excavators  
EC360/480 (Upper Frame, Lower Frame)

**Main Facilities** CNC Plasma & Gas Cutting M/C  
Roller Bending M/C (t6 x 2000 ~ t40 x 530)  
Robot Welding System  
CNC Boring M/C (Hankook Precision)

## Hanyang S&C

### The reliable partner, Hanyang S&C

Hanyang S&C Co. Ltd is a company that specializes in manufacturing parts for commercial vehicles, such as dump truck's loading deck and silencer.

With differentiated competitiveness, it is a reliable partner for a global company, Tata Daewoo who is also the main customer.

<b>Representative Product</b>	Dump Deck	Dump truck's loading deck that transports aggregates for construction works and civil engineering works
	Sub-Frame	Frame that is fitted on top of Main Frame before loading dump truck's loading deck
	Silencer	Muffler for Tata Daewoo commercial trucks
	Device	Device that lifts the 15ton dump truck's



## POLSKA

### Another name of Hanyang Precision, HANYANG POLSKA

Hanyang POLSKA, a Poland-based subsidiary of Hanyang Precision, is the strategic foothold for Hanyang's global business in the heart of Europe. The company was established in Poland in December 2001 as a company that specialized in mold manufacturing for automobile parts, and in July 2007, it took over a local factory that supplies plastic furniture to IKEA, equipping itself with global competitiveness.

Currently, it supplies plastic household appliances to globally well-known customers such as IKEA and PHILIPS, and plastic automobile parts to FIAT and VOLKSWAGEN.

**Representative Product** IKEA Lekman series /Automotive Plastic parts

**Main Facilities** Engel 2200Ton  
KM 1100 / 850 Ton  
Total 19 Injection Molding machines



# Global Network



● GLOBAL CUSTOMERS

## Domestic

**Hanyang Precision**  
**HQ**  
 3048 Hagun-ri, Yangchon-myeon, Gimpo-si, Korea  
 T 032-578-9951 F 032-578-9956  
**Namdong**  
 Road 2 Block 3 607-1 Namchon-dong Namdong-gu Incheon City Namdong Branch  
 T 032-578-9953 F 032-821-4203  
**Changwon**  
 13 Palyong-dong 38 bun gil Pyeongsan-ro Euichang-gu Changwon City Gyeongsangnam-do  
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**Hanyang S&C**  
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 T 063-467-8900 F 063-467-8905

**Haman**  
 7B 2L Haman Industrial Complex San 50-1 Sado-ri Gunbuk-myeon Haman-gun Gyeongsangnam-do  
 T 055-794-1005 F 055-794-1006

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**Changwon**  
 13 Palyong-dong 38 bun gil Pyeongsan-ro Euichang-gu Changwon City Gyeongsangnam-do  
 T 055-295-3261 F 055-295-3260

## Overseas

**HY-POLSKA** Hanyang Polska Sp.zo.o ul. Chemiczna 121-040 Swidnik Poland  
 T +48 81 468 4988 F +48 81 468 4991

# Corporate History



1981	1981	Foundation of Hanyang Precision
	1986	Established Dong Woo Machinery (Chanwon plant)
	1990	Established Hanyang Precision Gajwa Plant
	1996	Established Hanyang Precision Gunsan Plant
	1996	Commencement of suspension Business (Hanyang Precision)
	1997	Established Hanyang ZAS with Daewoo FSO (Poland)
2001	1999	Took over D&D (Automobile Brake parts – Disk, Hub, Drum)
	2001	Established Hanyang Mold (Poland)
	2002	Commencement of small-sized excavator business (Hanyang Precision)
	2005	Established D&D Sihwa Plant
	2006	Awarded Delta & Global Supplier
2010	2007	Awarded Gamma & Global Supplier
	2007	Established Hanyang Polska plant
	2008	Merger of Hanyang Precision D&D
	2008	Established Hanyang S&C Gunsan Plant
	2010	Introduced RBPS Management Innovation System
	2010	Established Hanyang Precision Gimpo Plant (Integrated Sihwa/Gajwa/Juan Plant)

# Awards

Certificate  
 ISO 9001  
 ISO/TS 16949  
 Parts Material Specialized

## Representative Awards

- 2009 48th Trade Day – Award for 70 million dollar export (President Lee Myeong Bak)
- 2013 40th Commerce Day – The Order of Industrial Service Merit (President Park Geun Hae)
- 2013 South Korean Product Grand Prize – Korean Academy of Commodity Science & Technology



FUTURE LEADER  
FUTURE CORE  
**HANYANG**