

KOREA

www.samgong.co.kr

Best Quality

Competitive Price

Timely Delivery



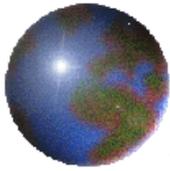
The Best **Cars in the World,**
Driven by **SAMGONG GEAR**

SINCE 1967

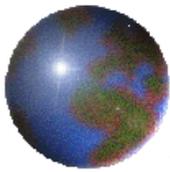


SAMGONG GEAR IND. CO., LTD.





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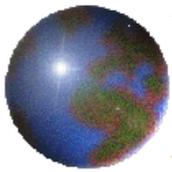
“Best Quality Gear Manufacturer”

- **Establishment : October, 1967**
- **Personnel : 190**
 - **Chairman(Founder) : Hyung, Chong Ho / President : Yoon, Moon Han**
- **Office and Factory**
 - **Location : Namdong - gu, Incheon city, Korea**



- **Site : 11,550^m₂ (1,650^m₂ sized Warehouse, 0.5km away)**
- **Homepage : <http://www.samgong.co.kr> / E-mail : samgong@samgong.co.kr**



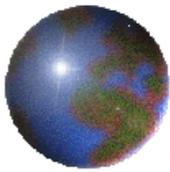


HISTORY



SAMGONG GEAR

- **1967.10 Established in Seoul**
- **1978.01 Registered as the first official vendor of T/M gears to Korean Gov't procurement sector**
- **1987.05 Started the production of spiral bevel gears and hypoid gears**
- **1992.10 Started the production of OE T/M & Differential Assembly for agricultural machinery**
- **1996.04 Set up new heat treatment lines**
- **1997.07 Moved to Incheon city (Current location)**
- **2001.12 Acquired ISO 9001/QS 9000 certificates**
- **2004.08 Began supplying OE final gear sets to HYUNDAI WIA**
- **2007.02 Acquired ISO9001, ISO/TS 16949 certificates**
- **2010.09 Participated in the development for the BlueOn, the 1st HYUNDAI E.V, as the official gear developer**
- **2013.09 Selected as a 'Hidden Champion' (by the Ministry of Employment and Labor)**
- **2014.06 Augmented the gear grinding facility with state-of-the art machines(5 units)**
- **2016.05 Awarded 'Medal of Industrial Service Merit' by Korean Gov't at Presidential Office**
- **2017.10 50th anniversary of establishment**
- **2018.07 Acquired ISO 9001 and IATF 16949 certificates**



All kinds of Transmission & Differential Gears
For OE & Aftermarket

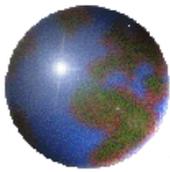
■ Differential Parts (Ring & Pinion / CWP)



■ Carrier Assembly

■ Transmission Gear



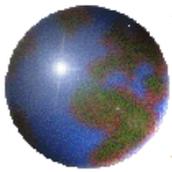


■ Inter Differential Assembly



■ Heavy Equipment Carrier Assembly





■ Automotive

Light trucks, including pick-up trucks, vans.



■ Commercial Vehicle

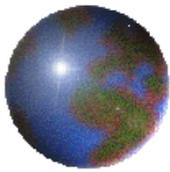
Medium and heavy-duty trucks, buses, and other commercial vehicles.



■ Off-highway

Agricultural and construction machinery; mining, forestry, and material handling equipment.





PRODUCTION OUTLINE - Vehicle & Machinery Brand Coverage

American



Japanese



ISUZU



European



Mercedes-Benz



SCANIA



Korean



DAEWOO



HYUNDAI



KIA MOTORS

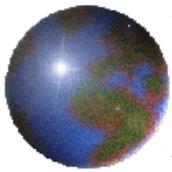


SSANGYONG



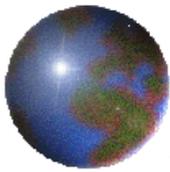
RENAULT SAMSUNG MOTORS





PRODUCTION OUTLINE - Capacity & Specification

Production capacity (Month)	• Transmission gear : 50,000 pcs		
	• Light / Medium duty Ring & Pinion : 25,000 sets		
	• Heavy duty Ring & Pinion : 7,000 sets		
Heat Treatment capacity (Month)	• 600tons		
Material	• SCM 420H, SCM 822H, etc.		
Gear range	• Module 2 - 14		
Quality grade (Precision grade)	Standard	Replacement gear	Tooth grinding gear
	JIS (Japan)	4	0
	AGMA(America)	10	14
	DIN (Germany)	8	4



QUALITY ASSURANCE - Certificates



SAMGONG GEAR

- ISO 9001 : 2015 / KS Q ISO 9001 : 2015 --- Oct. 2018 ~ Oct. 2021 [JAS-ANZ]
- IATF 16949 : 2016 --- Dec. 2018 ~ Nov. 2021 [CISQ KOREA]

CISQ AUTOMOTIVE
Consorzio di Organismi di
Certificazione Italiani dei
sistemi di gestione aziendale
accreditato IATF

CISQ
AUTOMOTIVE
www.cisqautomotive.it

Certificate No. **ICIM 9086/0**
Certificato N.

WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY
SI CERTIFICA CHE IL SISTEMA DI GESTIONE PER LA QUALITÀ DI

SAMGONG GEAR IND Co., Ltd.
64, Aengoggae-ro 654 beon-gil, Namdong-gu, Incheon
Korea

SITE EXTENSIONS / ESTENSIONI DI SITO
Not Applicable

IS IN COMPLIANCE WITH THE SCHEME REQUIREMENTS / È CONFORME ALLA NORMA
IATF 16949:2016

PERMITTED EXCLUSIONS / ESCLUSIONI AMMESSE
Par. 8.3 product design

FOR THE FOLLOWING ACTIVITIES / PER LE SEGUENTI ATTIVITÀ
IATF SECTOR: 17 - 22
Production, marketing and sale of axle ring/pinion gears for automobiles.

HAVING BEEN ASSESSED IN ACCORDANCE WITH THE IATF 16949 CERTIFICATION SCHEME PROCEDURE
RISPETTO ALLA NORMA ACCREDITATA ALLE REGIONI CON LICENZA CERTIFICAZIONE IATF 16949:2016 (ESCLUSO)

REFER TO MANAGEMENT SYSTEM MANUAL FOR DETAILS OF APPLICATION TO SCHEME REQUIREMENTS
RIFERIRSI AL MANUALE GESTIONE QUALITÀ PER I DETTAGLI DI APPLICAZIONE DEI REQUISITI DELLO SCHEMA

CURRENT ISSUE
EMISSIONE CORRENTE
03/12/2018

EXPIRING DATE
DATA DI SCADENZA
02/12/2021

Ilvo Simeoni
CISQ AUTOMOTIVE - IL PRESIDENTE
Piazza Don Enrico Maselli, 76 - 20099 Sesto San Giovanni (MI)

Yo Ogo
ICIM S.p.A.
Piazza Don Carlo Agnelli, 75 - 20099 Sesto San Giovanni (MI)

IATF

Per informazioni sulla validità del Certificato, visitare il sito
www.iatfglobaloversight.org
For information concerning the validity of the certificate, you
can visit the site www.iatfglobaloversight.org

Certificato IATF N° **0344903**
IATF Certificate N°

ACE

CERTIFICATE NO. **AQ-18J083**

WE HEREBY CERTIFY THAT THE QUALITY MANAGEMENT SYSTEM OPERATED BY

SAMGONG GEAR IND. Co., Ltd.

FOR THE FOLLOWING ACTIVITIES

Site:
64, Aengoggae-ro 654beon-gil, Namdong-gu, Incheon, Republic of Korea

IS IN COMPLIANCE WITH THE SCHEME REQUIREMENTS
ISO 9001:2015 / KS Q ISO 9001:2015

FOR THE FOLLOWING ACTIVITIES
Production of Axle Ring/Pinion Gears & Transmission Gears Automobiles

JAS-ANZ IAF

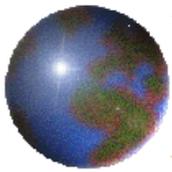
Original Date of Certification
08 Oct 2018

Date of Issue
08 Oct 2018

Date of Expiry
07 Oct 2021

Kim Byung Cheol
APPROVED BY

한국이스민트림
경기도 수원시 영통구 익곡대로 1556번길 16, 7층 1122호(영동동 디지털메타타워)
Tel 82-31-303-4594-5 Fax 82-31-303-4596 www.acekr.com



QUALITY ASSURANCE - Total Quality Management

QC Lab. staffed with dedicate engineers and quality control specialists

5 state-of-the-art testing equipment

The highest standards applied in the entire production process



▲ 3D Coordinate Measuring Machine -Brown & Sharpe



▲ CNC Gear Tester P40 - Klingelberg



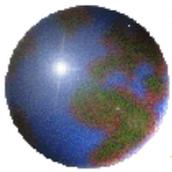
▲ CNC Gear Tester P26 -Klingelberg



▲ Hardness Tester -Rockwell



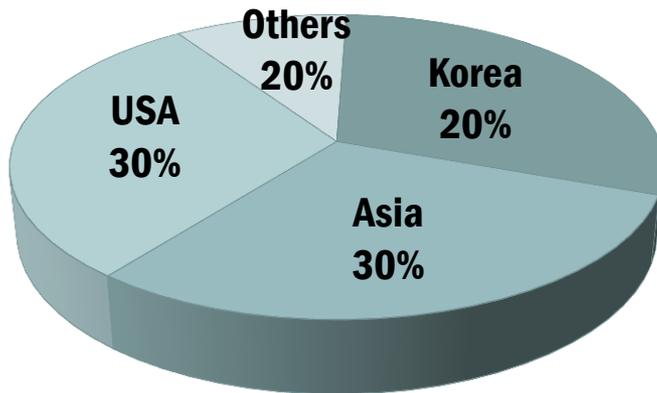
▲ Hardness Tester -Brinell



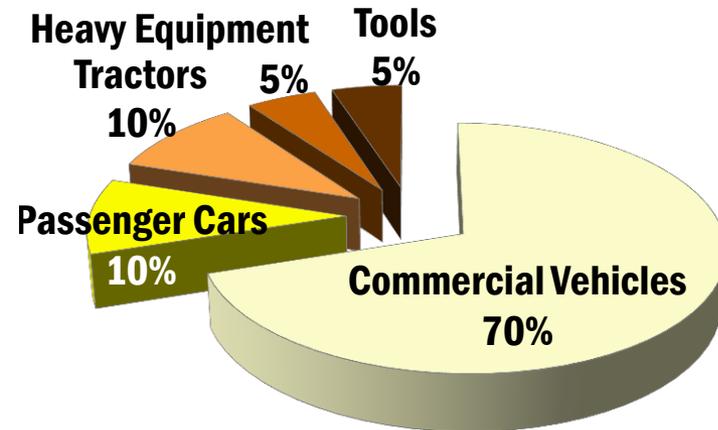
Aftermarket 85%

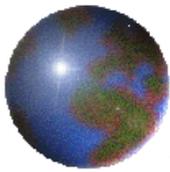
OE 15%

■ Revenues by Region



■ Revenues by Application





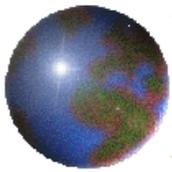
■ OEM Customers (Korea)



SAMGONG GEAR Co. participated in the development for the BlueOn, the 1st Hyundai E.V, as the official gear developer in 2010

■ OES Customers (Indonesia)

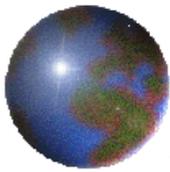




■ Principle of Customer Satisfaction

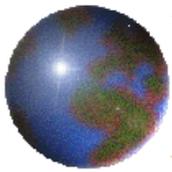


Minimum quantity	<ul style="list-style-type: none">• Transmission : 200 pcs (small size) 100 pcs (large size)• Ring & Pinion : 100 sets (light/mid duty) 50 sets (heavy duty)
Delivery (shipment)	<ul style="list-style-type: none">• 45 days from order placement
Development expertise	<ul style="list-style-type: none">• Competitive cost (common tools are available)• Development period (60 days)
Parts List	<ul style="list-style-type: none">• About 10,000 parts * Available on Website
Main Bank	Woori Bank, Korea



MARKETING - Global Markets (more than 50 Countries)





MARKETING - Participation in Global Shows

■ Exhibition : Automecanica

- 2018. 09 Automec, Frankfurt, Germany
- 2017. 04 Automec, Sao Paulo, Brazil
- 2016. 11 APIF, Tehran, Iran
- 2016. 06 FERIA , Medellin, Colombia
- 2016. 09 Automec, Frankfurt, Germany
- 2016. 04 Automec , Mexico City, Mexico
- 2015. 12 Automec , Shanghai , China
- 2014. 09 Automec, Frankfurt, Germany
- 2013. 12 Automec , Shanghai , China
- 2012. 06 AAME, Dubai, UAE
- 2007. 04 SAE, Detroit, USA
- 2006. 08 Autopetro, Hochiminh, Vietnam
- 2006. 03 AAME, Dubai, UAE



2018. 09 Frankfurt, Germany



2017. 04 Sao Paulo, Brazil

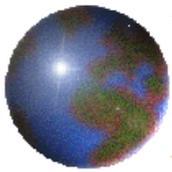


2016. 06 Medellin, Colombia



2006. 03 AAME, Dubai, UAE

- KOAA SHOW : In Oct. Incheon or Ilsan, KOREA



MARKETING - Participation in Global Shows

■ Launching Show

2016. 06 Medellin, Colombia

2016. 06 Ambato, Ecuador

2016. 04 Lima, Peru

2016. 04 Mexico City, Mexico

2005. 11 Hanoi, Vietnam

2005. 08 Hochiminh, Vietnam



2016. 04 Mexico City, Mexico



2016. 06 Medellin, Colombia



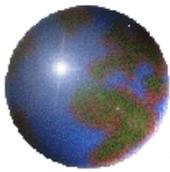
2016. 04 Lima, Peru



2016. 04 Ambato, Ecuador



2005. 08 Hochiminh, Vietnam



VIEW OF PRODUCTION EQUIPMENT



◀ Machining Center
WIA
HI-V50D



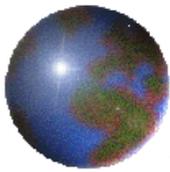
◀ CNC Lathe
S&T
ST850VD



◀ CNC Shaving
Kanzaki
GSK400 NC5



▲ CNC Shaping
Mitsubishi
ST25



VIEW OF PRODUCTION EQUIPMENT



▶ **Chamfering**
Sanyo
PRG-INC-FOUR



◀ **Hobbing**
S&T
H200



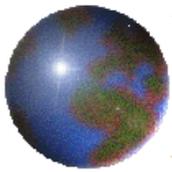
◀ **Cutter Sharpening**
Gleason
NO.205



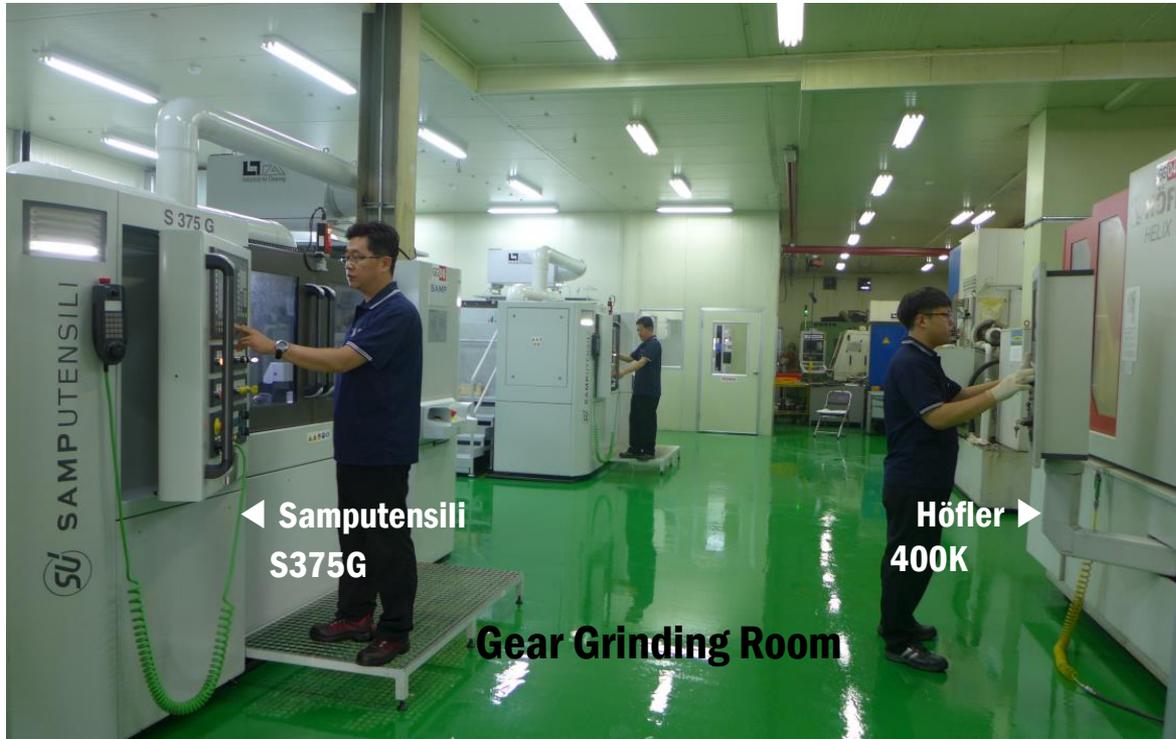
◀ **Lapping**
Gleason
No.600 HTL



◀ **Generator**
Gleason
275HC



VIEW OF PRODUCTION EQUIPMENT



◀ Samputensili S375G

Höfler 400K ▶

Gear Grinding Room



▲ Grinding
Gleason
P600/800G

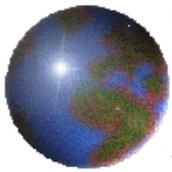


◀ CNC
Internal Grinder
Okuma
GI20N



◀ CNC
Cylindrical Grinder
Okuma
GP-35F 2

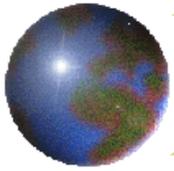




VIEW OF PRODUCTION EQUIPMENT



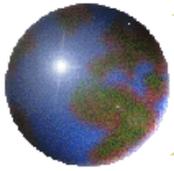
- Total capacity of 600 tons per month.
- 6 units of batch-type furnaces, 4 units of pit-type heating furnaces.
- 4 units of continuous heating furnaces, and 3 units of quenching presses.



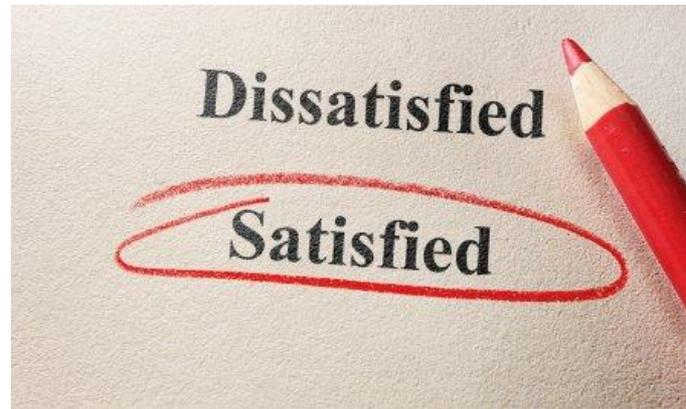
- **51 years of expertise**
- **The most advanced equipment**
- **Creativity challenge and passion**

**Best Quality
Gear
Manufacturer**





*We Smile
when you are Satisfied*



Thank you