



Made in KOREA

SINCE 1967

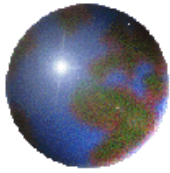


**SAMGONG  
GEAR**

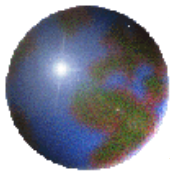
*Best Quality Gear  
Manufacturer*



SAMGONG GEAR IND. CO., LTD.  
삼공기어공업주식회사



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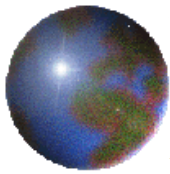
## “Best Quality Gear Manufacturer”

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



- **Site : 11,550m<sup>2</sup> (1,650m<sup>2</sup> sized Warehouse, 0.5km away )**
- **Homepage : <http://www.samgong.co.kr> / E-mail : [samgong@samgong.co.kr](mailto:samgong@samgong.co.kr)**



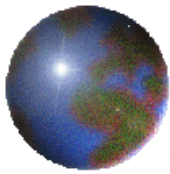


## HISTORY



## 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 1<sup>st</sup> 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**
- **2019.01 Patent registration for ring gear marking device (No. 1939826)**



All kinds of Transmission & Differential Gears  
For OE & Aftermarket

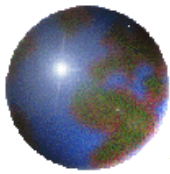
## ■ Differential Parts (Ring & Pinion / CWP)



## ■ Carrier Assembly

## ■ Transmission Gear



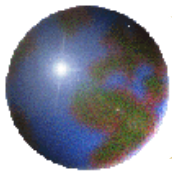


## ■ Inter Differential Assembly



## ■ Heavy Equipment Carrier Assembly





## ■ Automotive

Light trucks, including pick-up trucks, vans.



## ■ Commercial Vehicle

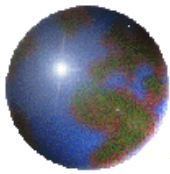
Medium and heavy-duty trucks, buses, and other commercial vehicles.



## ■ 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



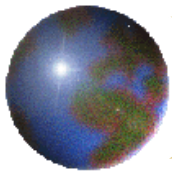
SSANGYONG



RENAULT SAMSUNG MOTORS

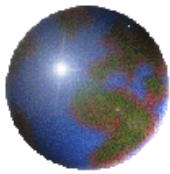






## PRODUCTION OUTLINE - Capacity & Specification

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



# QUALITY ASSURANCE - Certificates



# SAMGONG GEAR

## ● IATF 16949

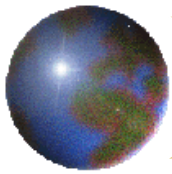
### Dec. 2018 - Nov. 2021 [ CISQ KOREA ]



## ● ISO 9001 /KS Q ISO 9001

### Oct. 2018 - Oct. 2021 [ JAS-ANZ ]





# 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



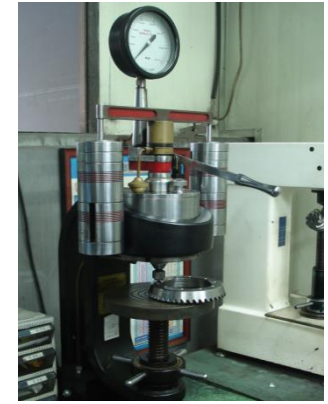
▲ CNC Gear Tester P40 - Klingelberg



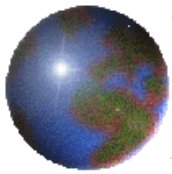
▲ CNC Gear Tester P26 -Klingelberg



▲ Hardness Tester -Rockwell



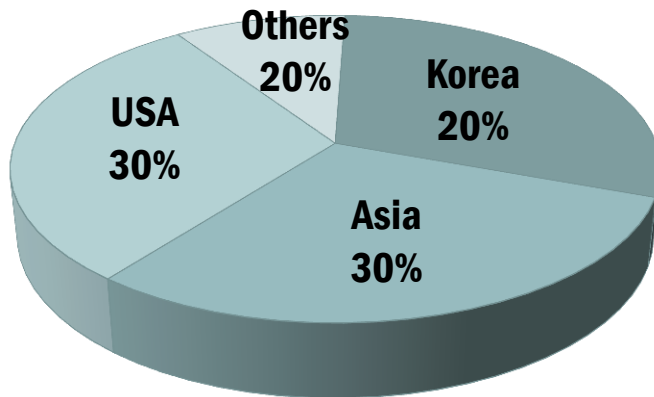
▲ Hardness Tester -Brinell



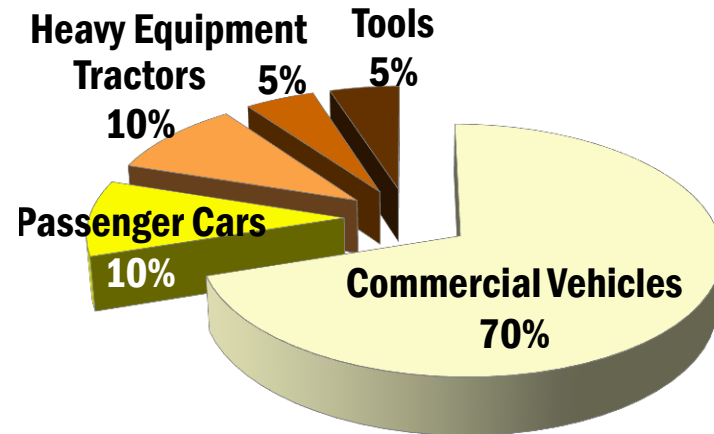
**Aftermarket 85%**

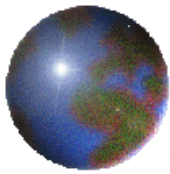
**OE 15%**

■ **Revenues by Region**



■ **Revenues by Application**





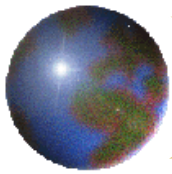
## ■ OEM Customers ( Korea )



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

## ■ OES Customers ( Indonesia )

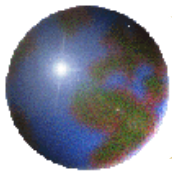




### ■ Principle of Customer Satisfaction

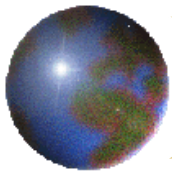


<b>Minimum quantity</b>	<ul style="list-style-type: none"><li>• <b>Transmission : 200 pcs ( small size )</b> <b>100 pcs ( large size )</b></li><li>• <b>Ring &amp; Pinion : 100 sets ( light/mid duty )</b> <b>50 sets ( heavy duty )</b></li></ul>
<b>Delivery ( shipment )</b>	<ul style="list-style-type: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



# 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



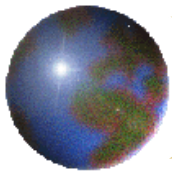
2016. 06 Medellin, Colombia



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



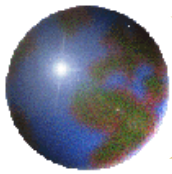
2016. 04 Lima, Peru



2016. 04 Ambato, Ecuador



2005. 08 Hochiminh, Vietnam



# VIEW OF PRODUCTION EQUIPMENT



◀ Machining Center  
WIA  
HI-V50D



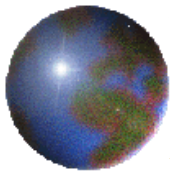
◀ CNC Lathe  
S&T  
ST850VD



◀ CNC Shaving  
Kanzaki  
GSK400 NC5



▲ CNC Shaping  
Mitsubishi  
ST25



# VIEW OF PRODUCTION EQUIPMENT



▶ **Chamfering**  
**Sanyo**  
**PRG-INC-FOUR**



◀ **Hobbing**  
**S&T**  
**H200**



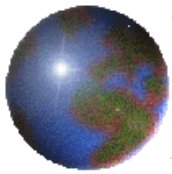
◀ **Cutter Sharpening**  
**Gleason**  
**NO.205**



◀ **Lapping**  
**Gleason**  
**No.600 HTL**



◀ **Generator**  
**Gleason**  
**275HC**



# VIEW OF PRODUCTION EQUIPMENT



◀ Samputensili  
S375G

Höfler ▶  
400K

**Gear Grinding Room**



▲ Grinding  
Gleason  
P600/800G

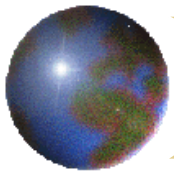


◀ CNC  
Internal Grinder  
Okuma  
GI20N



◀ CNC  
Cylindrical Grinder  
Okuma  
GP-35F 2

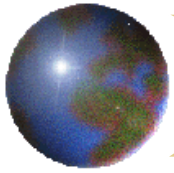




# VIEW OF PRODUCTION EQUIPMENT



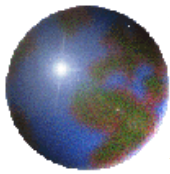
- Total capacity of 600 tons per month.
- 6 units of batch-type furnaces, 4 units of pit-type heating furnaces.
- 4 units of continuous heating furnaces, and 3 units of quenching presses.



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

**Best Quality  
Gear  
Manufacturer**





*'We Smile  
when you are Satisfied'*

Thank you

