

**SAMJIN JEONGGONG CO., LTD.**



## General Information

Business Type

**Manufacturer**

Company Foundation Year

**1973**

Number of Employee

**310**

Head Office

**68,DAEHEUNG 1-GIL,SEONGNAM  
-MYEON,DONGNAM-GU, CHEONAN-SI,  
CHUNGCHONGNAM-DO,KOREA**

Plants

**CHEONAN : 114,831m<sup>2</sup> (12,360,327ft<sup>2</sup>)**

**ULSAN : 26,108m<sup>2</sup> (281,024ft<sup>2</sup>)**

**JEONJU : 32,884m<sup>2</sup> (353,960ft<sup>2</sup>)**

Office & Warehouse in USA

**2667 PRODUCT DRIVE,ROCHESTER HILLS,  
MI 48309, USA**

Website : [www.samjinnut.co.kr](http://www.samjinnut.co.kr)

## Certification

**IATF 16949, ISO 14001, ISO 45001**

## About our Company

Since its establishment in 1973, SAMJIN JEONGGONG CO., LTD. has made significant progress and has become Korea's biggest steel nut company, offering a wide range of products that are necessary for various industries, including automotive, construction, petrochemical, oil & gas Industries, as well as home appliances.

SAMJIN has received great evaluations from overseas customers, resulting in increasing orders every year.

## Facility

Classification	Size Range	UNITS
<i>Cold Former</i>	M4 ~ M20	158
<i>Hot Former</i> (700/1300TON PRESS)	5/8" ~ 4" (M16-M100)	8
Tapping(Threading)	M3 ~ M64	531
Press (Locking/Assembly)	1 ~ 250 ton	111
Welding M/C	Spot W/D	43
VISION INSPECTION	M6 ~ M16	31

## Sales Rate

Customer Information	<u>Annual Sales (2023)</u>
	<b>US\$ 191 M</b>
HYUNDAI & KIA: 29%	<u>Export Amount (2023)</u>
	<b>US\$ 82 M</b>
Tier1,2 for Automotive: 50%	
GM NA/GLOBAL/KOREA: 6%	
Export(Oil & Gas/Petrochem/Construction) : 5%	
OTHER INDUSTRIES : 10%	
<u>Automotive: 85%/ Others: 15%</u>	



## Contact

Sales Contact in US : Joonhak Lee

Email : [jhlee@samjinnut.co.kr](mailto:jhlee@samjinnut.co.kr)

Tel: (248) 853 - 6100

Sales Contact in Korea : Hyeonmin Yoo

Email : [jmyoo@samjinnut.co.kr](mailto:jmyoo@samjinnut.co.kr)

TEL: +82 41 410 6121



## SAMJIN AMERICA CORPORATION - OFFICE & WAREHOUSE



### Business Profile

- ▶ Foundation : April. 2005 (Started business with GM NA)
- ▶ Building: 17,235 square feet ▶ Location : Rochester Hills, MI 48309, U.S.A
- ▶ Sales: \$5.8Million/2023
- ▶ Major Customer: GM NA, GM BRAZIL, GM MEXICO, GM ARGENTINA, GM, COLOMBIA, SGM and etc.
- ▶ Main items: Non-decorative wheel nut(M12/M14), Drive shaft hub nut(M22/M24/M27) and others.
- ▶ Total 15 parts are current running items.

## Head office & Cheonan plant(2008)



144 Employees [Cold Forged Nuts]

## Jeonju plant(2010)



62 Employees [Weld Nuts]

## Ulsan plant(1994)



104 Employees [Hot Forged Nuts]

## PRODUCT INFORMATION

### Wheel Drive & Brake System



#### WHEEL NUT

- APPLICATION FIELDS: AUTOMOTIVE
- SIZE RANGE: M12 - M30
- SURFACE TREATMENT: CHROMIUM PLATING, ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL



#### FLANGE NUT

- APPLICATION FIELDS: AUTOMOTIVE, ELECTRONICS(HOME APPLIANCES), CONSTRUCTIONS
- SIZE RANGE: M5 - M45
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL



#### HEX LOCK NUT

- APPLICATION FIELDS: AUTOMOTIVE, ELECTRONICS(HOME APPLIANCES), CONSTRUCTIONS
- SIZE RANGE: M6 - M45
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL

### Body & Chassis



#### HEX NUT

- APPLICATION FIELDS: AUTOMOTIVE, CONSTRUCTION, PETROCHEM INDUSTRY
- SIZE RANGE: M5 - M64
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL, STAINLESS STEEL



#### WELD NUT

- APPLICATION FIELDS: AUTOMOTIVE
- SIZE RANGE: M4 - M14
- SURFACE TREATMENT: CORROSION INHIBIT
- HEAT TREATMENT: NONE
- MATERIALS: CARBON STEEL, BORON STEEL



#### CONICAL NUT

- APPLICATION FIELDS: AUTOMOTIVE
- SIZE RANGE: M5 - M14
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL

### Steering System



#### SLOTTED NUT

- APPLICATION FIELDS: AUTOMOTIVE, ELECTRONICS(HOME APPLIANCES)
- SIZE RANGE: M8 - M36
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL



#### NYLON LOCK

- APPLICATION FIELDS: AUTOMOTIVE, ELECTRONICS(HOME APPLIANCES), CONSTRUCTIONS
- SIZE RANGE: M6 - M45
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL, ALLOY STEEL

### Engine



#### CONROD NUT

- APPLICATION FIELDS: AUTOMOTIVE
- SIZE RANGE: M7 - M16
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON STEEL



#### FORGED PARTS

- APPLICATION FIELDS: AUTOMOTIVE, CONSTRUCTION, PETROCHEM INDUSTRY
- SIZE RANGE: AS PER CUSTOMER'S SPECIFICATION AND REQUIREMENTS
- SURFACE TREATMENT: ZINC PLATING, Zn-Ni PLATING
- HEAT TREATMENT: QUENCHING / TEMPERING
- MATERIALS: CARBON AND ALLOY STEEL, BORON STEEL, SUS, BEARING STEEL



#### PISTON PIN

## APPLICATION AREA

### AUTOMOTIVE INDUSTRY / 자동차 산업



### RAILROAD BRIDGE / 철교가설

### CONSTRUCTION SITE / 건설분야



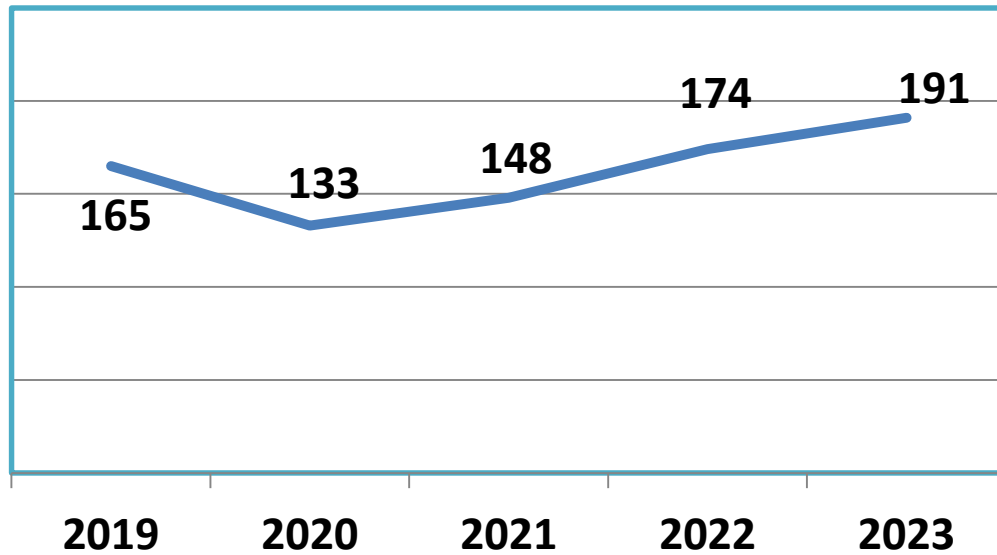
### OIL & GAS (PETROCHEMICAL / REFINERY) INDUSTRY / 정유화학산업



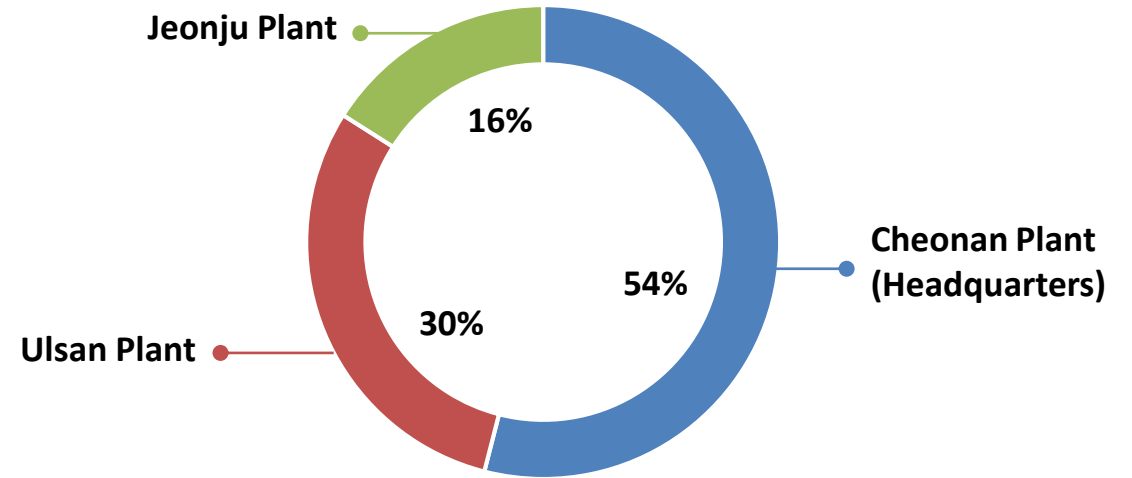
## SALES

 **2023 SALES(ACTUAL) : US\$ 191million**  
**2024 SALES(PLAN) : US\$ 220million**

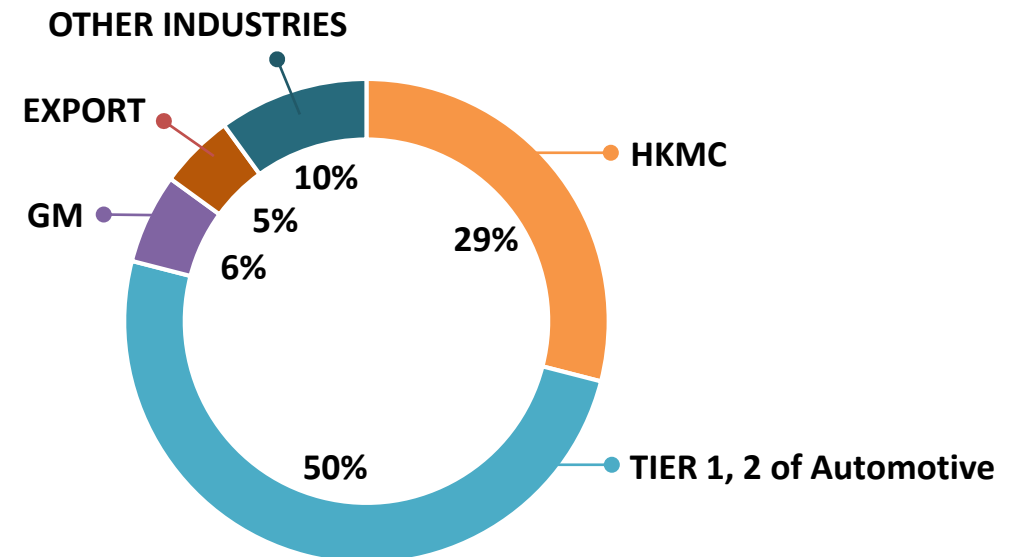
Annual sales (US\$ 1Million)



## Classification by plant



## Classification by customer



## MAIN PRODUCTS (HMC/KMC/GMK/RSM/TIER)

PART NAME	PCS / MONTH	SALES /MONTH
	Wheel Nut (washer assembly) [M 12]	170,000 \$65,000
	Wheel Nut [M12]	8,330,000 \$1.5M
	Lock Nut [M6 ~ M45]	22,000,000 \$3M
	Weld Nut [M5 ~ M14]	170,000,000 \$1.8M
	Conical Nut [M5 ~ M12]	36,000,000 \$1.5M

## MAIN PRODUCTS (GMNA/GMK/GM UzAuto)

PART NAME	PCS / MONTH	SALES /MONTH
	Wheel Nut [M12, M14]	600,000 \$110,000
	Drive Shaft Hub Nut [M22, M24, M27]	650,000 \$290,000
	Staking Nut [M24]	20,000 \$10,000
	Other Parts	450,000 \$40,000
	Wheel Nut (with Stainless Cap) [M12, M14]	1,300,000 \$390,000

## PROCESS



## INDUSTRIAL COMPLEX FOR THE SUBCONTRACTORS OF SAMJIN

### SECTOR:

- SURFACE TREATMENT(PLATING/COATING)
- HEAT TREATMENT
- TOOL/DIE
- WASHER/CAP
- OTHER SUB-CONTRACTORS

LOCATION: Just a 5-Minutes drive from SAMJIN



## Testers & Measuring Devices



X-Y-Z Axial Measuring Machine



Shadow Graph



DIMS Measurement



Friction Tester



Tensile Tester



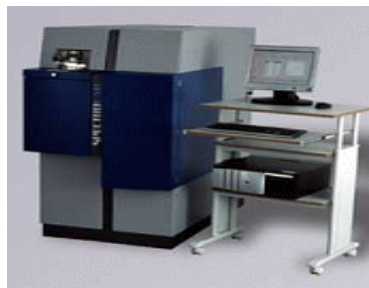
Thickness Measurement



Hardness Tester



Corrosion Tester



Analytical Chemistry Measurement



## List of Testers and Equipment



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LIST	USAGE
X-Y-Z Axial Measuring Machine	DIMS measure
Shadow Graph	DIMS measure
Friction Tester	Friction test
Tensile Tester	Tensile test
Hardness Tester (Vickers, Rockwell)	Hardness test
Corrosion Tester	Corrosion test
DIMS Measurement	DIMS measure
Thickness Measurement	DIMS measure
Analytical Chemistry Measurement	Chemistry measure

## Layout of Cheonan Plant (Headquarters)

Area: 114,831m<sup>2</sup> (12,360,327ft<sup>2</sup>)

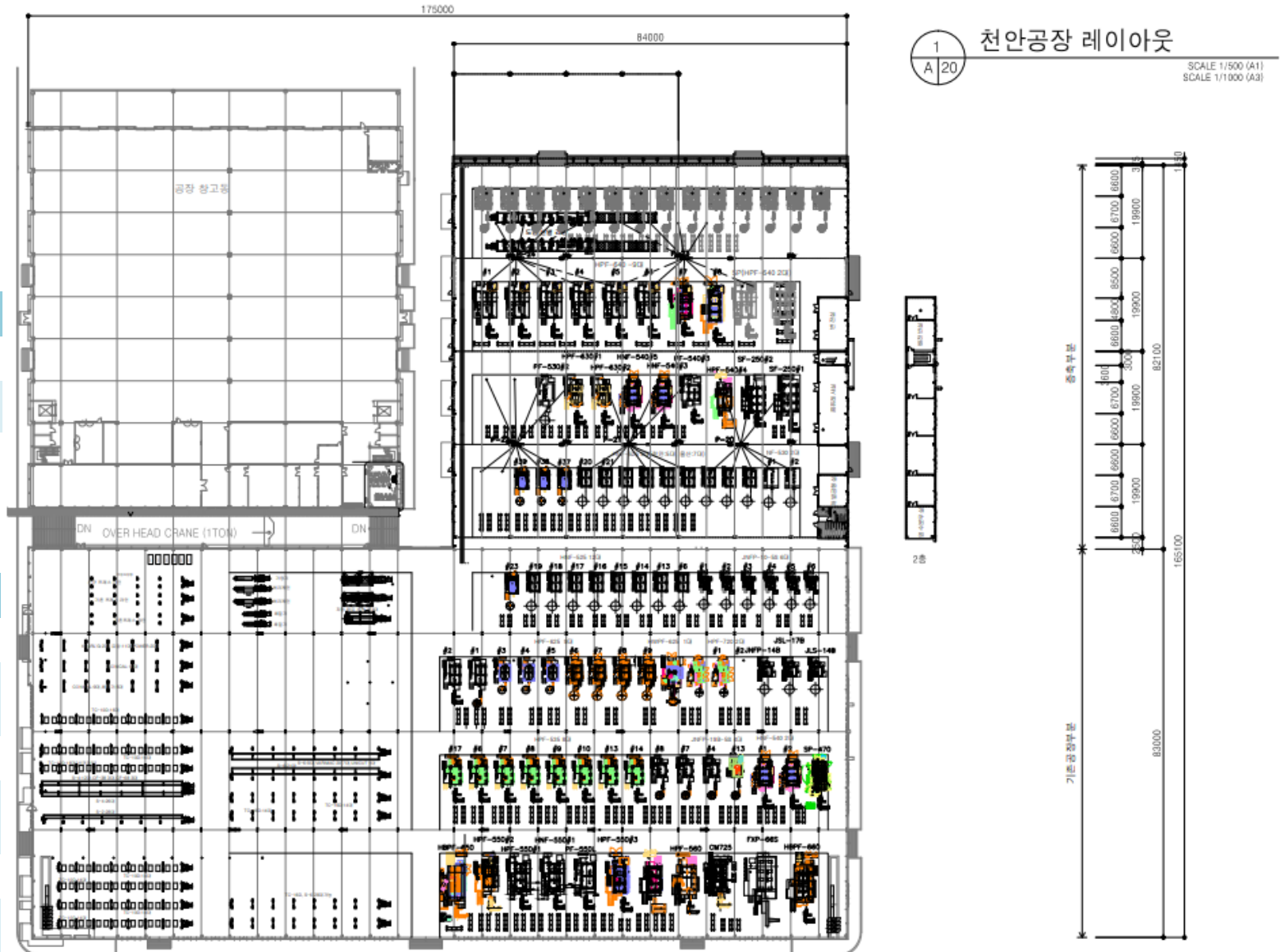
Building: 34,209m<sup>2</sup> (368,222ft<sup>2</sup>)

### Capacity

Classification	Q'ty	Weight(Ton)
Cold Former	415,500K	3,500
Hot Former	11,050K	1,560
TOTAL	426,050K	5,060

### Facilities (Total)

Classification	Size Range	UNITS
Cold Former	M4 ~ M20	158
Hot Former (700/1300TON PRESS)	5/8" ~ 4" (M16-M100)	8
Tapping(Threading)	M3 ~ M64	531
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View of SAMJIN





**Thank you!**

