

High Quality & Technology

REO CO.,LTD.
Steven Tech Inc KOREA Office
WWW.REOENG.CO.KR

| Supplier

REO CO.,LTD.
Steven Tech Inc KOREA Office

| Manufacturer

 (주) 제이원정공
JWON Precision Co.,Ltd



公司簡介 회사 소개

ABOUT REO CO., LTD



“

HIGH QUALITY & TECHNOLOGY

REO Co., Ltd, specialized in hydraulic and mechanical power transmission gear with a 56 year-old history and tradition, has been leading Korea's industrialization and advancement. REO Co., Ltd has high technology and are equipped with the best manufacturing facility, and we have been developing, manufacturing and supplying key components of power transmission gear used in railroads, vehicles, and defense capacity such as high-speed gear, shaft, housing, carrier, and spin.

We do our best to become a leading company to achieve 『reliable quality, advanced service, and high quality of corporate culture』 by continuous technical development and active investment. We ask for your continuous interest and full support on REO Co., Ltd, who is not satisfied with the current level, but do strive for the highest level.
We wish you all well and happy. Thank you.

HISTORY



High Quality
& Technology
—
REO.CO.,LTD

With a bright group of human resources and technology, we aim to provide product development and design services and strive to allow these projects to contribute to the development and marketing of clients.

- 2003. 06. Established Reo Co., Ltd.
- 2004. 08. Selected as Technology Innovation Task (Strategic Task) Firm(Office of Heavy Machinery)
- 08. Selected as a New Technology Firm (Ministry of Industry and Resources)
- 2005. 06. Selected as the Innovative Firm for Parts and Materials Industry — Academia Cooperation (Changwon University)
- 2006. 12. Selected as foreign technician firm
- 07. Selected as the Regional Industrial Technology Developer(Ministry of Industry and Resources)
- 04. Registered as ad venture Firm (No. 062124032 — 1 —00112)
- 2007. 06. selected as an innobiz firm(No. 7111-2382)
- 02. Achieved ISO9001 / 14001 center
- 2008. 02. Established technology research center
- 2015. 05. Reo Co., Ltd. and JWon Precision Co., Ltd. signed an MOU for mutual cooperation in sales and manufacturing.
- 2017. 10. Foreign buyer sign up for the MOU (ADAS 2017)
- 2018. 10. Foreign buyer invitation consultation MOU (ADAS 2018)
- 10. Reo Co., Ltd. and Taeyoung Hi-Tech Co., Ltd. signed an MOU for mutual cooperation in sales and manufacturing.

MAJOR CLIENTS

主要顧客 主要고객사



HYUNDAI
DYMOS



Hanwha

S&T Dynamics



LIG 넥스원



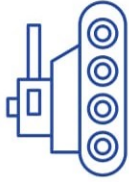
HYUNDAI
WIA



GENERAL MOTORS
KOREA

BUSINESS AREA

事業領域 사업분야



방산 (지상, 유도, 항공)

Defense
(Ground, Guide, Aerospace)



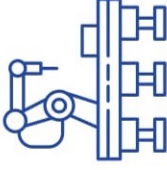
철도 및 차량

Railroads and Vehicles



항공

Aerospace

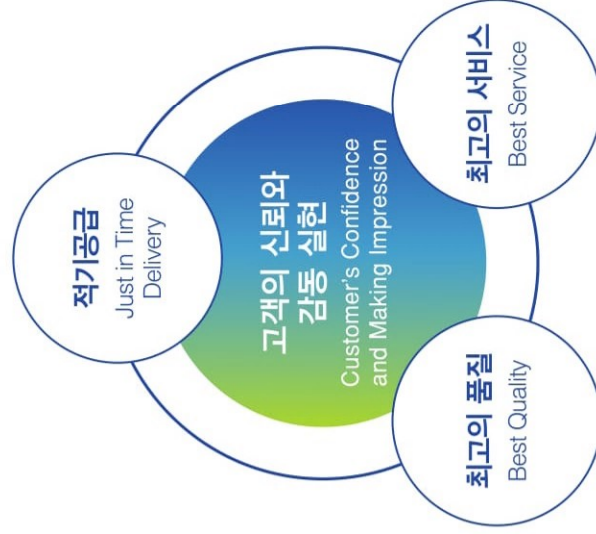


산업/공작기계

Industry / Machine Tool

QUALITY MANAGEMENT

品質經營 品質경영



01

프로세스의 지속적 개선
Continuous Improvement of Process

02

최고의 품질, 경쟁력 확보
Securing Competitiveness with High Quality

03

적기 공급, 최상의 서비스 제공
Providing Just in Time Delivery and Best Service

04

고객이 만족하는 제품 생산
Manufacturing Products with High Customer
Satisfaction

R&D PRODUCTS

研发产品 연구개발제품

DEFENSE INDUSTRY

国防领域 방산

전차, 장갑차, 자주포 변속기 구동장치용 기어 및 기어 ASS'Y, 샤프트류
Gear for tanks, armored vehicles and transmission of self-propelled guns and driving units, gear ASS'Y, and shafts

유도무기 및 대공포, 미사일 제어장치용 기어류

Guides weapons, antiaircraft guns, gear for missile control system

전투차량 및 일반차량 구동장치용 기어 및 기어 ASS'Y, 샤프트류

Gear for combat vehicles and normal vehicles, gear ASS'Y, and shafts

항공기 제어장치용 기어 및 기어 ASS'Y

Gear for aircraft control system and gear ASS'Y



RAILROADS & VEHICLES & AEROSPACE

铁路 철도
车辆 차량
항공 항공

KTX, 전동차, 도시 고속철 구동장치용 하우징, 기어 및 기어 ASS'Y, 샤프트류
Housing for KTX, subway, and rapid-transit train, gear and gear ASS'Y, and shafts

소·중·대형 차량 구동장치용 기어 및 기어 ASS'Y, 샤프트류

Gear for small, medium-sized, and heavy vehicles, gear ASS'Y, and shafts

항공기 제동장치용 기어 및 기어 ASS'Y

Gear for aircraft braking and gear ASS'Y



INDUSTRY TOOL & MACHINE TOOL

工業 산업기계
机床 공작기계

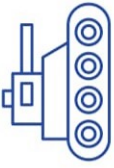
산업 / 공작기계용 기어 및 기어 ASS'Y, 샤프트 류

Gear for Industry / Machine tool, gear ASS'Y, and shafts



MAJOR MANUFACTURED PRODUCTS

主要生产产品 主要 생산제품

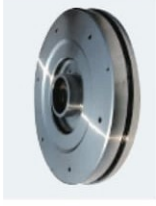


DEFENSE INDUSTRY

国防工業
방산

궤도 및 전투차량용 구동 체계의 핵심 부품인 기어 및 기어 ASS'Y, 샤프트류, 하우징, 캐리어 등과 유도무기의 제어장치용 기어류를 개발 및 생산하고 있습니다.

It develops and produces gears, which are the key components of driving system in tracked vehicles and combat vehicles, gear ASS'Y, shafts, carriers, and gear for guided weapons control system.



고정밀도 High density
고내구성 High durability
고품질 High quality



RAILROADS & VEHICLES

鐵路 & 車輛
궤도 & 차량

궤도와 상용 및 차량용 기어, 샤프트류를 초정밀 가공 기술력과 완벽한 공정 관리로 최상의 제품을 개발 및 생산하고 있습니다.

It develops and produces the best quality products of gear for railroads and commercial vehicles, and shafts with super-precision technology and perfect process control saystem.



저진동 Low frequency
저소음 Low noise
고내구성 High durability



AEROSPACE

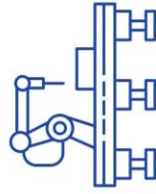
航空
항공

AS9100 (항공 우주품질 경영시스템 인증기업)을 획득하면서 항공 분야의 제이원정공만의 초정밀 가공 기술력과 완벽한 공정관리로 최상의 제품을 개발 및 생산하고 있습니다.

It develops and produces the best quality products with super-precision technology and perfect process control, by acquiring AS9100 (certificated by Aerospace Quality Management System)



고정밀도 High precision
고내구성 High durability
저소음 Low noise



**INDUSTRIAL
& MACHINE TOOL**

工业 & 机床领域
산업 & 공작기계

소, 중, 대형 상용 차량 및 중장비의 구동장치 부품과 고정밀도를 요구하는 공작기계의 핵심부품인 기어 및 기어 ASS'Y, 샤프트류를 완벽한 품질로 개발 및 생산하고 있습니다.

It develops and produces driving system components for small, medium sized, heavy, commercial vehicles, heavy equipment and gear, gear ASS'Y, and shafts requiring high precision technology which are the major components for machine tools with perfect quality.

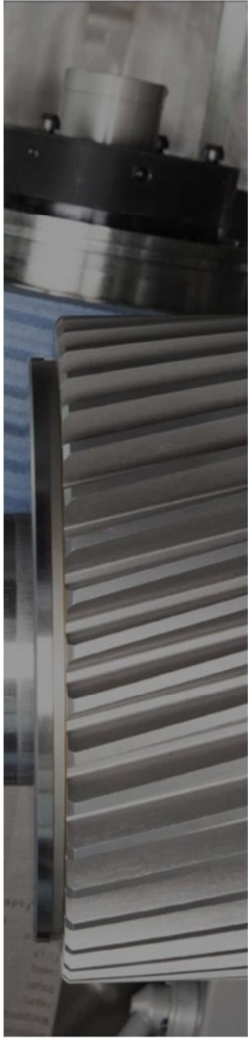


고정밀도 High precision
고내구성 High durability

Gear Type & Size Capability



Type of Gear	Pitch Diameter	Diametral Pitch	Face Width	Unground Tooth	Ground Tooth
External Spur Gear	30 inches	3 to 48 DP	8.0 inches	AGMA Class 10	AGMA Class 14
Internal Spur Gear	30 inches	3 to 48 DP	7.0 inches	AGMA Class 9	AGMA Class 14
External Helical Gear	30 inches	5 to 48 DP	8.0 inches	AGMA Class 10	AGMA Class 13
Internal Helical Gear	30 inches	6 to 48 DP	7.0 inches	AGMA Class 9	AGMA Class 13
Involute Spline	20 inches	3/6 to 24/48 DP	8.0 inches	ANSI892.1 Class 5	ANSI892.1 Class 5



Custom Gear Manufacturing with High Standards by Customer's Specification and Drawing. Resources that give Your Projects the Precision Edge.

Our facilities are capable of producing gears 800mm (31.5 inches) maximum in workpiece diameter and 0.5 to 25.0 in module to AGMA Class Q12 or DIN 5 specifications via a full complement of state-of-the-art custom gear manufacturing assets including Gleason, Klingelnberg, and Okamoto.

High Quality & Technology

Quality



- Gear Quality Control to Provide the Best Products.

Our company ensures that gears produced meet your requirements.

- High Quality Gears that Suit Your Requirements.

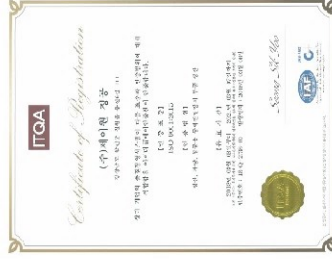
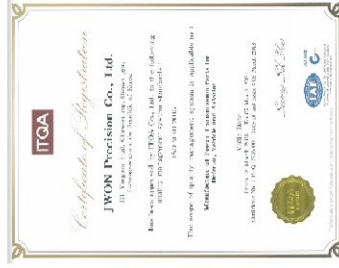
Our manufacturing process is designed to meet your required specifications.

- Our professional utilize specialized equipment including :

- Klingelberg Gear Inspection machine Model P65 M20.0 X Ø650 X 870
- OsakaSeimitsukikai Gear Inspection machine Model GC3H M8.0 X Ø350 X200
- Zeiss 3D Measuring machine Model ACCURA 1800 X 1200 X 1000
- S-T Projector Model S-T 1600 X/Y Axis 300/200

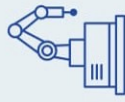
Certifications

In addition to customer and third party standards,
JWON Precision Co. Ltd. is AS9100 and
ISO 9001:2017 certified for manufacture of precision gears and gearboxes.



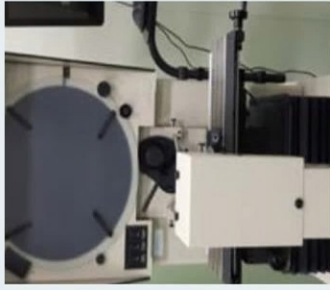
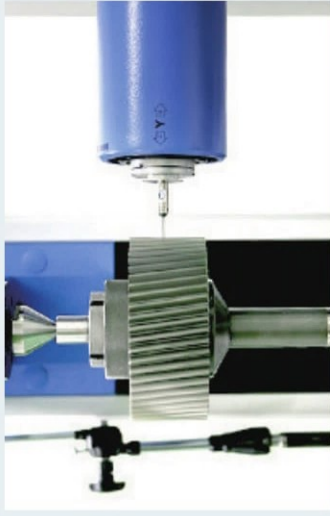
TECHNOLOGY & MANUFACTURING FACILITY

持有技术及产品生产设备 보유기술 및 제품생산설비



PRECISE MEASUREMENT EQUIPMENT 精密测量装备 정밀측정장비

Name	Capability	Manufacturer	Quantity	
기어측정기 Gear measuring machine	P65	M20.0 X Ø650 X 870	Klingelnberg(Germany)	1
	GC3H	M8.0 X Ø350 X 200	OsakaSeimitsukikai(Japan)	1
3차원 측정기 3D measuring machine	ACCURA	1800 X 1200 X 1000	Zeiss(Germany)	2
투영기 Projector	S-T1600	X/Y-Axis 300/200	S-T(America)	1





PRECISE PROCESSING EQUIPMENT

精密加工 装备 정밀가공장비

01

GEAR PROCESSING (Shaping, Shaving, Hopping Machine)

齿轮加工 기어가공

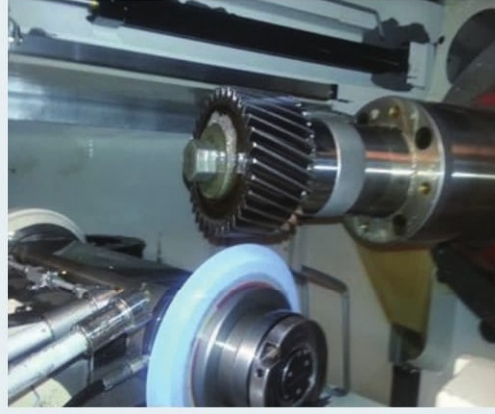
Name	Processing ability	Manufacturer	Quantity
P600/800ES	M15.0 X Ø800 X 220	Gleason(Germany)	2
Z1000	M10.0 X Ø1000 X 180	Module(Germany)	1
5M161	M10.0 X Ø1000 X 200	Stanko(Russia)	3
SH251	M6.0 X Ø300 X 70	Mitubishi(Japan)	1
TSH250	M6.0 X Ø300 X 60	Tong-il(Korea)	1
LS400	M6.0 X Ø450 X 80	Lorenz(Germany)	1
V400	M6.0 X Ø400 X 120	Sykes(England)	2
TK651	M6.0 X Ø800 X 180	Tokyo(Japan)	1
NGS30B	M8.0 X Ø300 X 200	Nachi(Japan)	2
P800	M30 X Ø800 X 1100	Gleason(Germany)	1
JDP2	M9.0 X Ø660 X 300	Je-il(Korea)	3
GH300	M7.0 X Ø350 X 300	Mitubishi(Japan)	2
KS14	M7.0 X Ø350 X 300	Kasifuji(Japan)	1
HY800	M15.0 X Ø900 X 600	Ho-Young(Korea)	1



TOOTH SURFACE GRINDING PROCESSING

齿面磨削加工 치면연삭 가공

Name	Processing ability	Manufacturer	Quantity
P600/800G	M25.0 X Ø800 X 600	Gleason(Germany)	3
VIPER 500W	M0.5~13 X Ø500 X 500	Klingelnberg(Germany)	1
SHG-360 NC	M5.0 X Ø360 X 200	Okamoto(Japan)	1
SHG-400 NCS	M7.0 X Ø400 X 200	Okamoto(Japan)	1
LFG-3540	M15.0 X Ø400 X 130	Luren(Taiwan)	1



03

CNC (Computer Numerical Control)

Name	Processing ability	Manufacturer	Quantity
SKT300	Ø560 X 720 X 90	Wia(Korea)	1
TBL8	Ø370 X 700	S&T(Korea)	1
ST850VD	Ø800 X 650	S&T(Korea)	1
L300C	Ø560 X 720 X 90	Wia(Korea)	1
TIPL4	Ø400 X 1050	Tong-il(Korea)	1
HL460	Ø400 X 1050	Whachun(Korea)	1



04

MCT (Machining Center Tool)

Name	Processing ability	Manufacturer	Quantity
VX500	M10.0 X Ø1000 X 200	Wia(Korea)	1
KH63G	M6.0 X Ø300 X 70	Wia(Korea)	1
KH80G	M6.0 X Ø300 X 60	Wia(Korea)	1
SIRIUS7050S	M6.0 X Ø450 X 80	Whachun(Korea)	1



REO CO.,LTD.

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