



DAESEONG GEAR

Precision through Technology

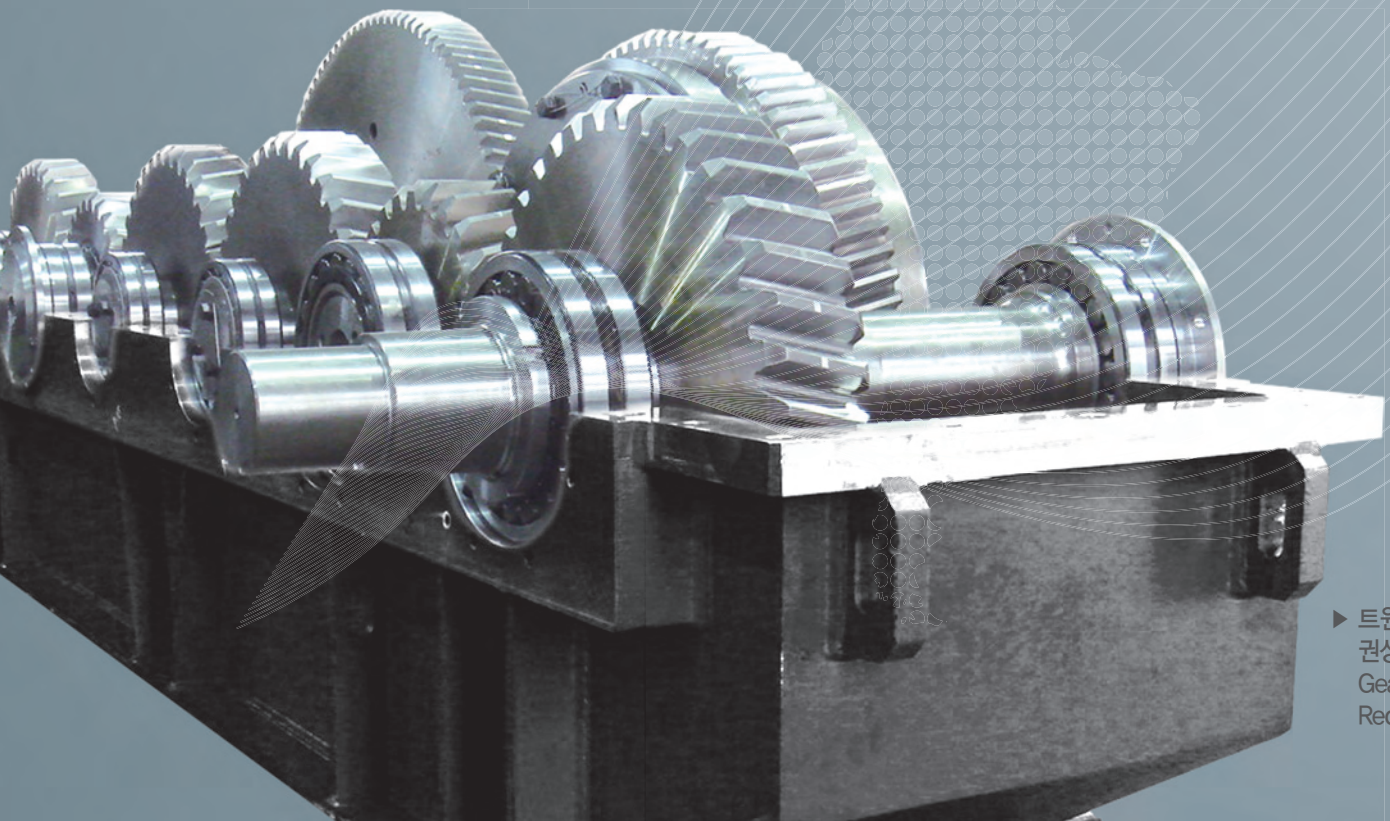




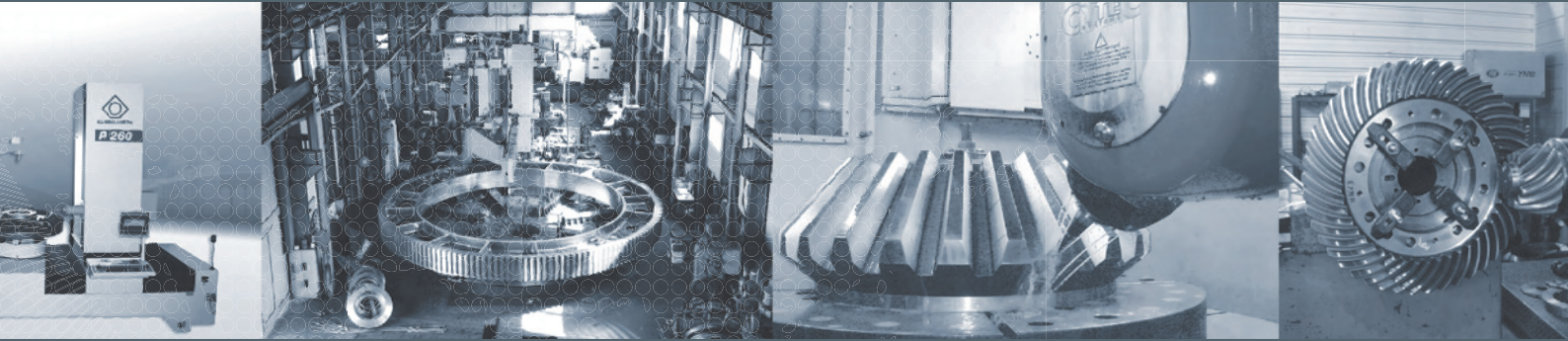
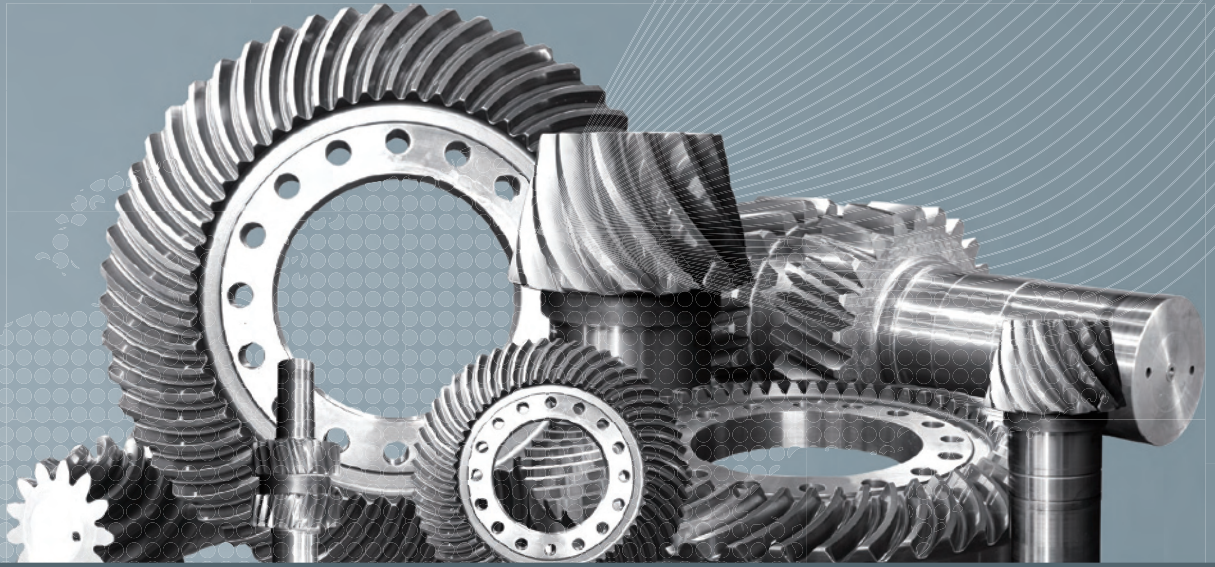
大成기어
DAE SEONG GEAR MFG. CO.

국내 최대 가공 능력을 자랑하는 대성기어!

최고의 품질로 세계시장에 진출하고 있습니다
최첨단 장비는 고객만족을 시켜주는 제품을 생산합니다



▶ 트윈스피드
관상감속기
Gear Speed
Reducer



Precision through Technology

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A Message from the president

저희 대성기어는 1968년 1월 창사이래 각종 기어와 감속기 제작 전문업체로서 최상의 품질과 서비스를 제공하기 위해 최선을 다하여 왔습니다. 현재는 시멘트 밀, 제철소밀, 선박용 기어 및 산업용 기어를 전문적으로 생산하고 있습니다. 오랜 기간의 경험, 축적된 기술과 이론, 전문적 기술인력, 첨단 기계와, 측정 장비, 가공능력과 품질관리를 통하여, 대성은 한국 최고의 기어 생산 공장으로 성장하게 되었으며, 지금은 많은 국내와 일본, 유럽, 미국 등 국외업체에 제품을 공급하고 있습니다.

특히 저희 대성기어가 보유한 장비인 스트레이트/스파이럴 베벨기어(직경2,300), 스퍼/헬리컬 기어(직경12,000), 내치 기어(직경6,000)는 한국 최대 가공능력을 갖고 있습니다. 스퍼/헬리컬 연삭 기어는 최대직경 3,600, 치폭 1,250까지, 그리고 터닝 가공은 최대직경 10,000까지 가공 가능합니다. 위에 열거된 장점으로, 대성기어는 그 명성에 맞게, 빠른 납기, 최고의 품질과 경쟁력 있는 가격을 위하여 어떤 노력도 아끼지 않을 것입니다.

감사합니다.

대표이사 정상철

Dae Seong Gear has been a trusted manufacturer of gears and reducers since 1968. Throughout our history Dae Seong Gear has been known to produce customized high quality gears through hard work, dedication, and excellent machine power. We have grown to be the best gear company in Korea and look forward to increasing our presence in other markets as new branches are formed. Today, Dae Seong Gear has produced gears for clients all over the world in various industries such as Cement, Construction, Steel, Marine, and Mining.

As our technology and capabilities increase with each passing year we can truly say that we have the largest capability in Korea producing large size spiral bevel, helical, cylindrical, and girth gears. Dae Seong Gear continues to live up to its reputation of high expectations; better results.

President Mr. *Sang-Chul Jung*



대성기어에서 제작한 실제 베벨기어
Spiral Bevel Gear for Marine Industry

회사연혁 A brief history of our company

- 1968 Factory established in Seoul, South Korea by Sang-Chul Jung
- 1975 First spiral bevel gear manufactured
- 1987 First 8 meter girth gear manufacturer
- 1988 Started the hard cutting process for spiral bevel gears
- 1996 Built new factory in Incheon, South Korea
- 2000 Developed new measurement and inspection center for cylindrical gears
- 2001 Produced Gleason style spiral bevel gears
- 2006 Hard Cutting and Finishing with Klingelnberg equipment
- 2008 Started 5-axis simultaneous cutting method
- 2010 Opened Agents in Japan, China, Philippines, Germany, and USA
- 2010 Installed Klingelnberg gear measuring center for spiral bevel and cylindrical gear
- 2011 Established EM Gear American Branch of DSG



ISO 9001



ABS



DNV



GL



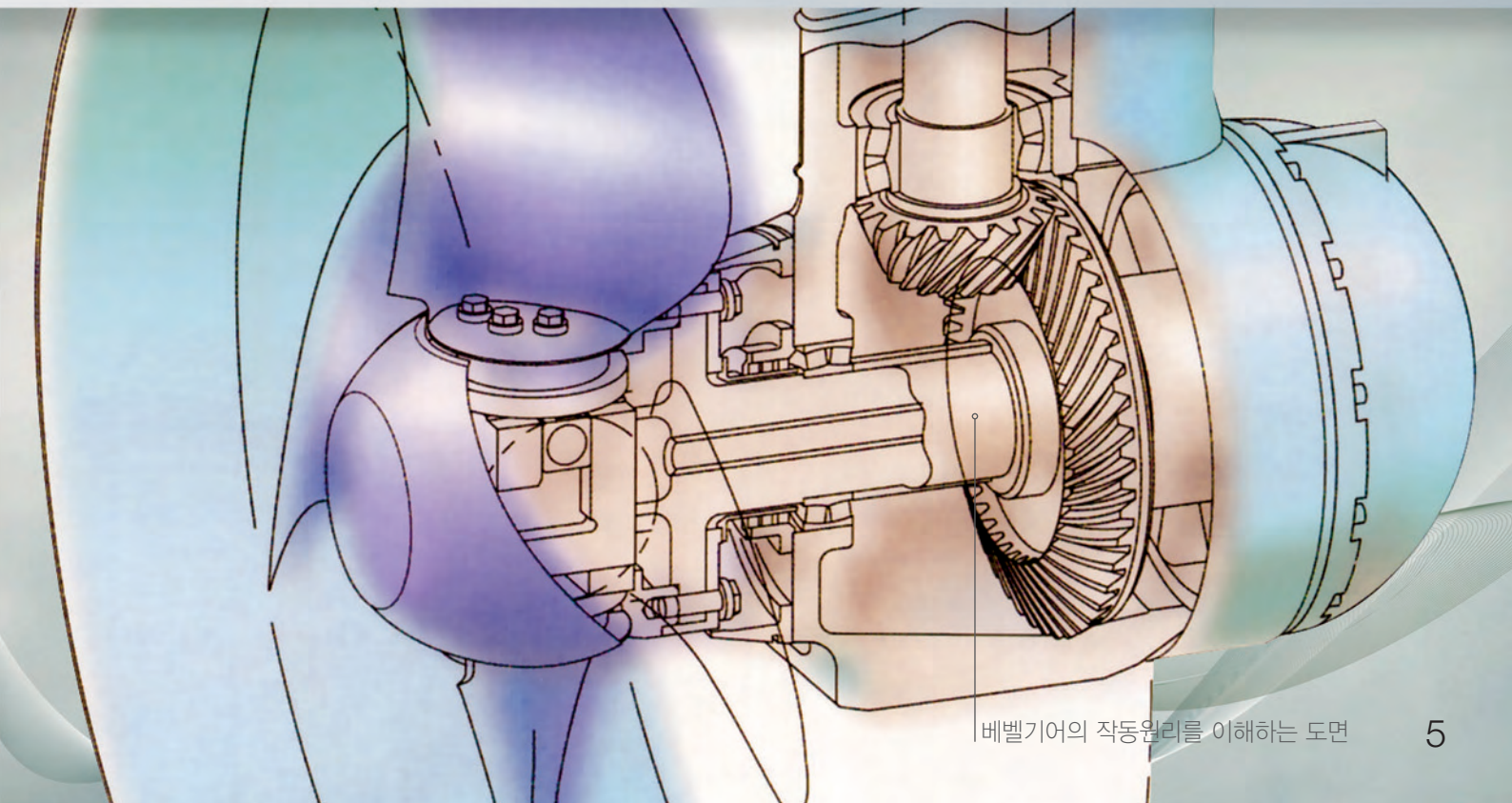
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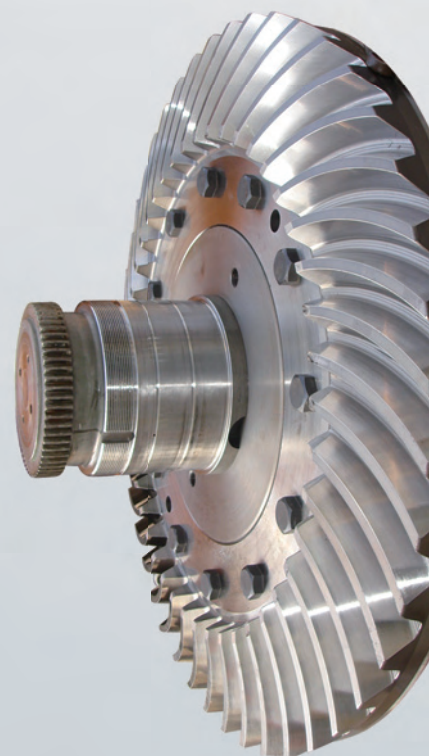


KR





▶ Spiral Bevel Gear
스파이럴 베벨 기어





M37, Dia 462mm
* Length 2,200mm

▶ Klingelnberg CNC-controlled
Universal Spiral Bevel Gear Cutting Machine

Capacity – Max. out dia : 1,200mm
Max Normal Module : 18,5 (=M 26)
Grade : AGMA 11 or DIN 6 with Hard Cutting

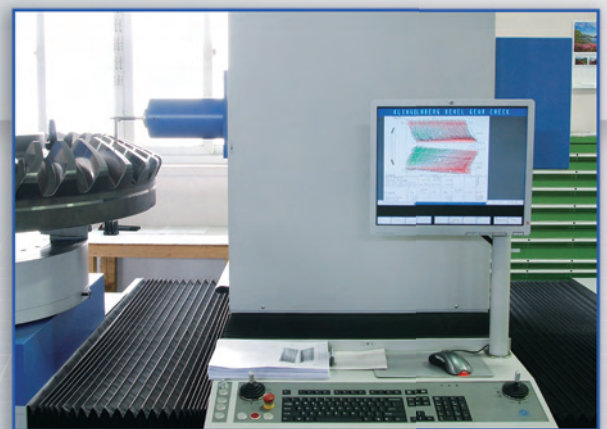
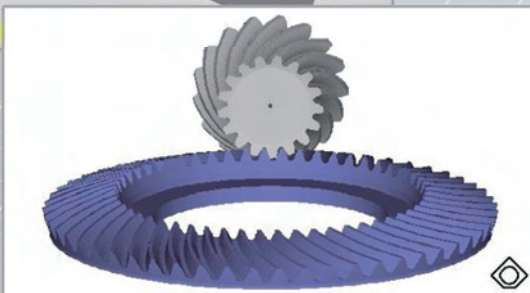
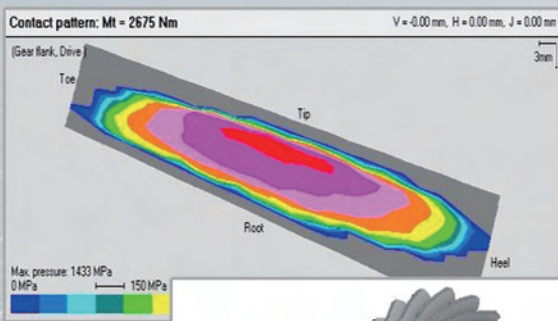


▶ SPIRAL BEVEL GEAR FOR
RM EDGER MILL REDUCER
(M36x29/38NT)



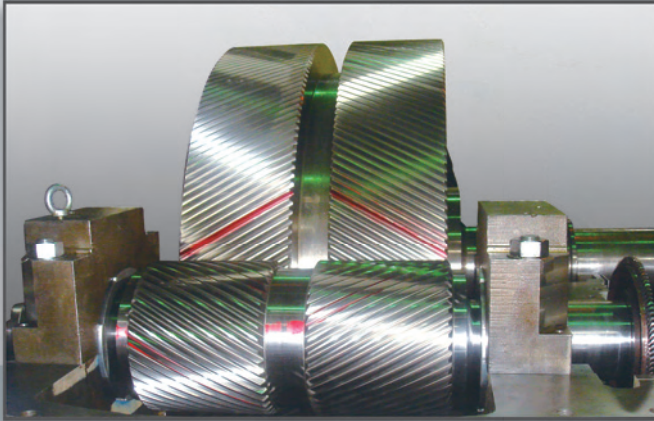


▶ Klingelberg P260

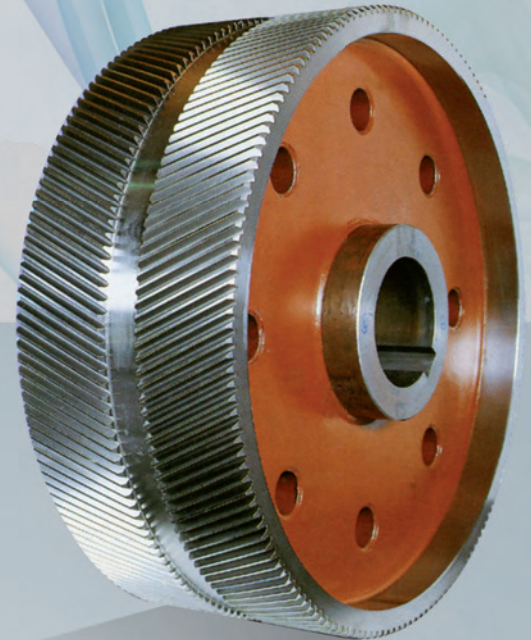


※ 실제 보유 장비 촬영 사진
Actual P260 testing

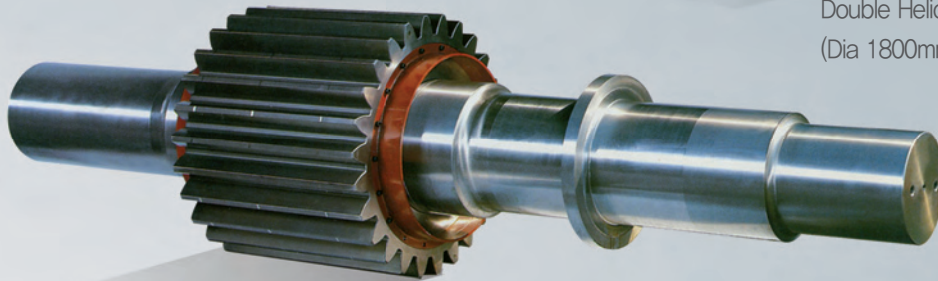
▶ Klingelberg : Spiral Bevel Gear 3D Design, Inspection, and correction software



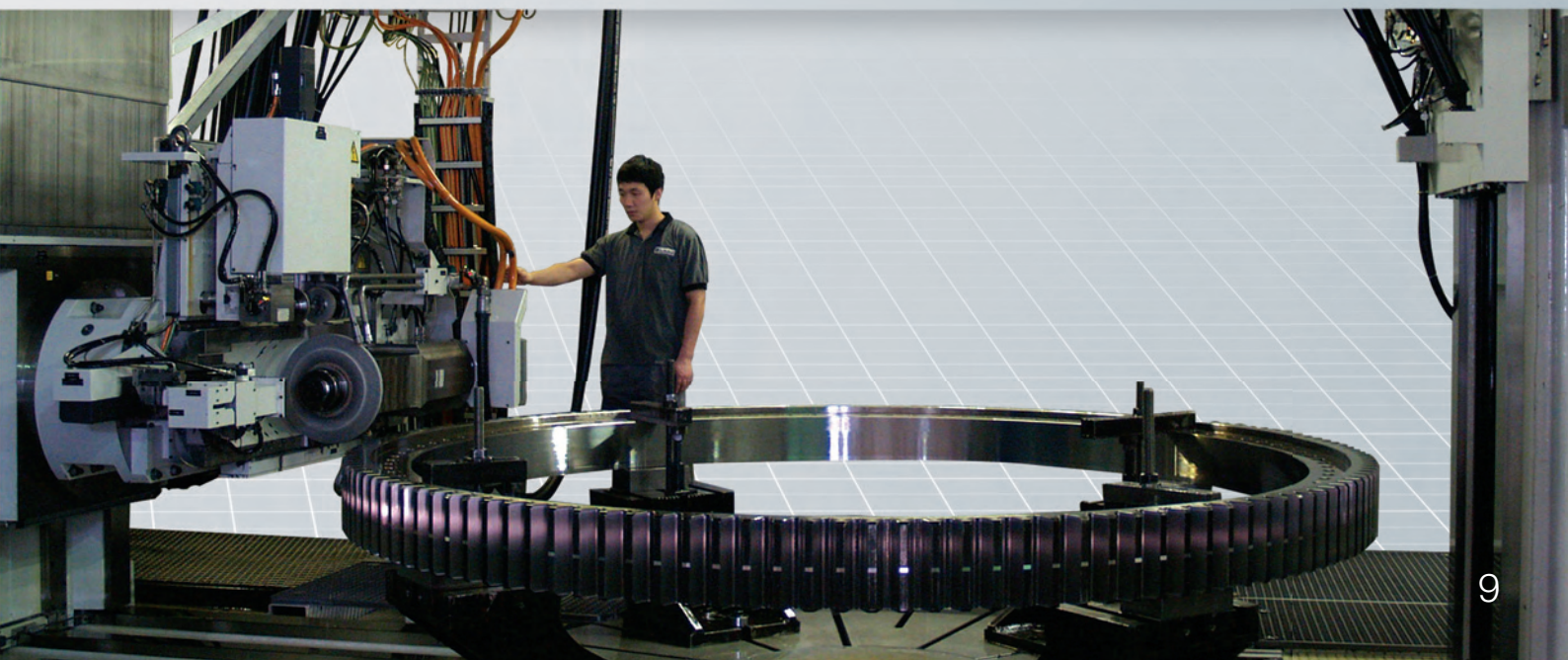
▶ Turbine Generating Gear
Double Helical Gear (DIN 4 CLASS)



▶ Press Gear
Double Helical Gear for Press
(Dia 1800mm : Welding Type-JIS 0 Class)



▶ 시멘트압연설비용 피니언 기어
Girth Pinion for Cement Mill (M30×26NT)

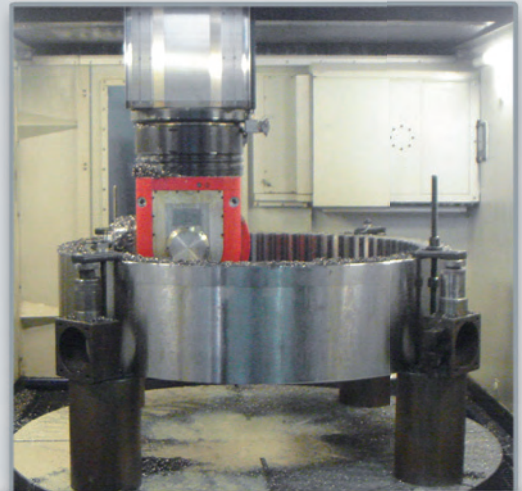


▶ Beveloid Gear M16*47NT



▶ 5축 내치 가공

5 axis simultaneous milling machine with internal gear cutting



▶ P3200G 기어 연삭

Gleason-Pfauter P3200G Gear grinding



▶ 피니온 스탠드 기어 치면 연삭

Pinion shaft tooth grinding



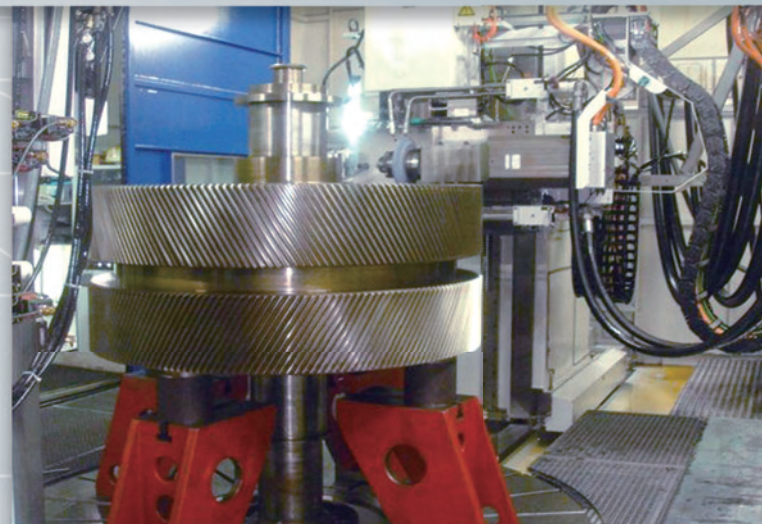
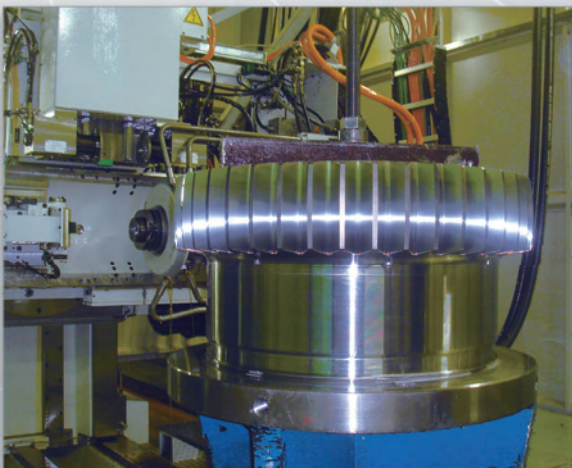


▶ P3200G Gleason Pfauter Gear Grinding
그리슨 파우더 기어 연마기



▶ Gear Grinding for Turbine Generator

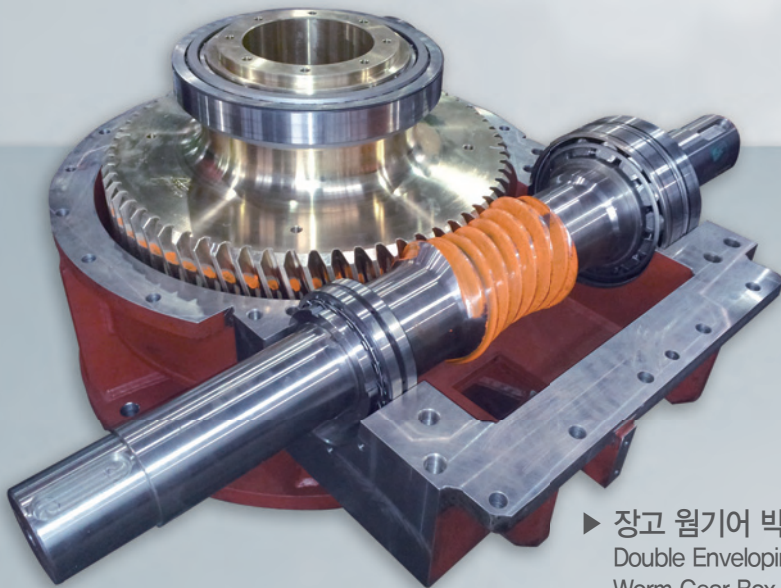
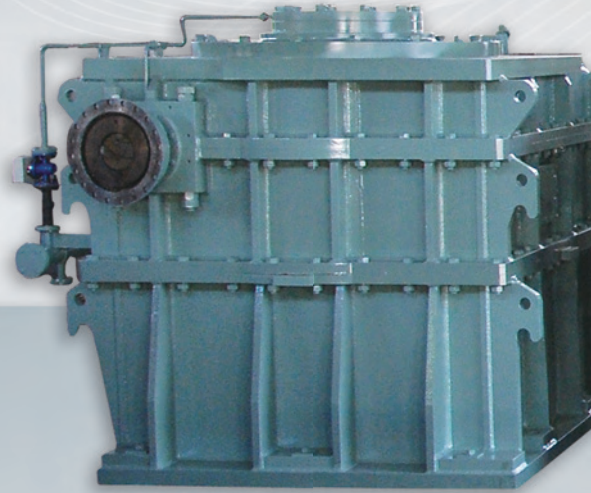
▶ Tooth Grinding For Crown Gear



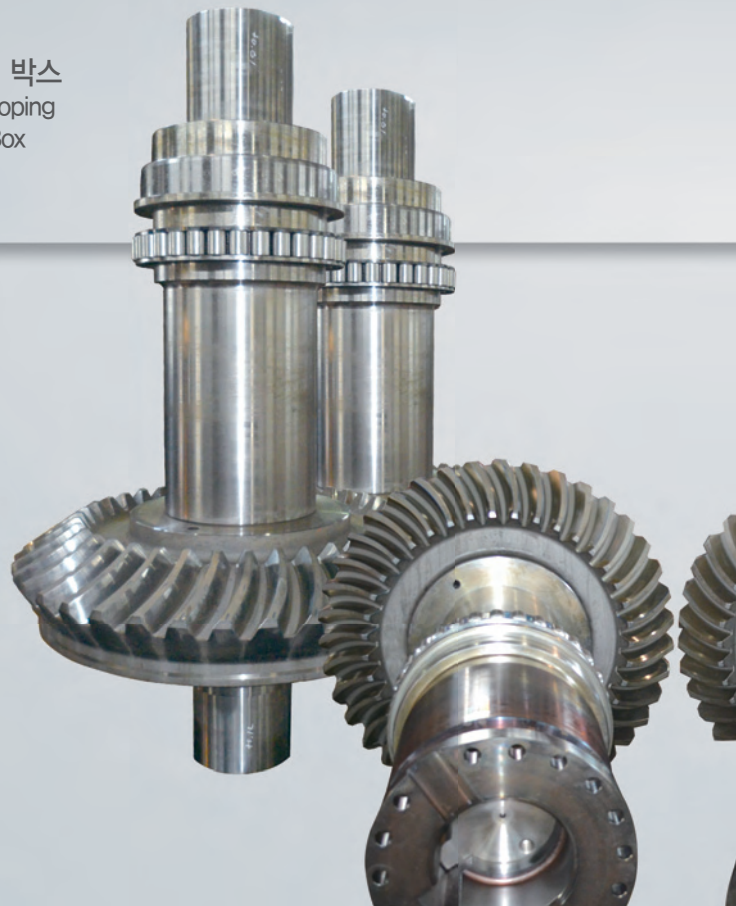


▶ 스트레이트 베벨 하드컷팅
Straight bevel gear hard cutting

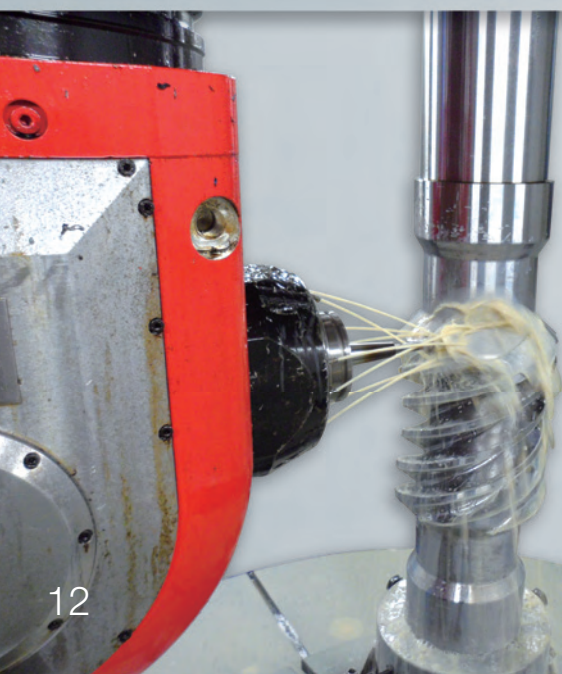
▶ 에저밀 감속기 대형 베벨기어
Edger Mill reducer powered by spiral bevel gear



▶ 장고 월기어 박스
Double Enveloping
Worm Gear Box



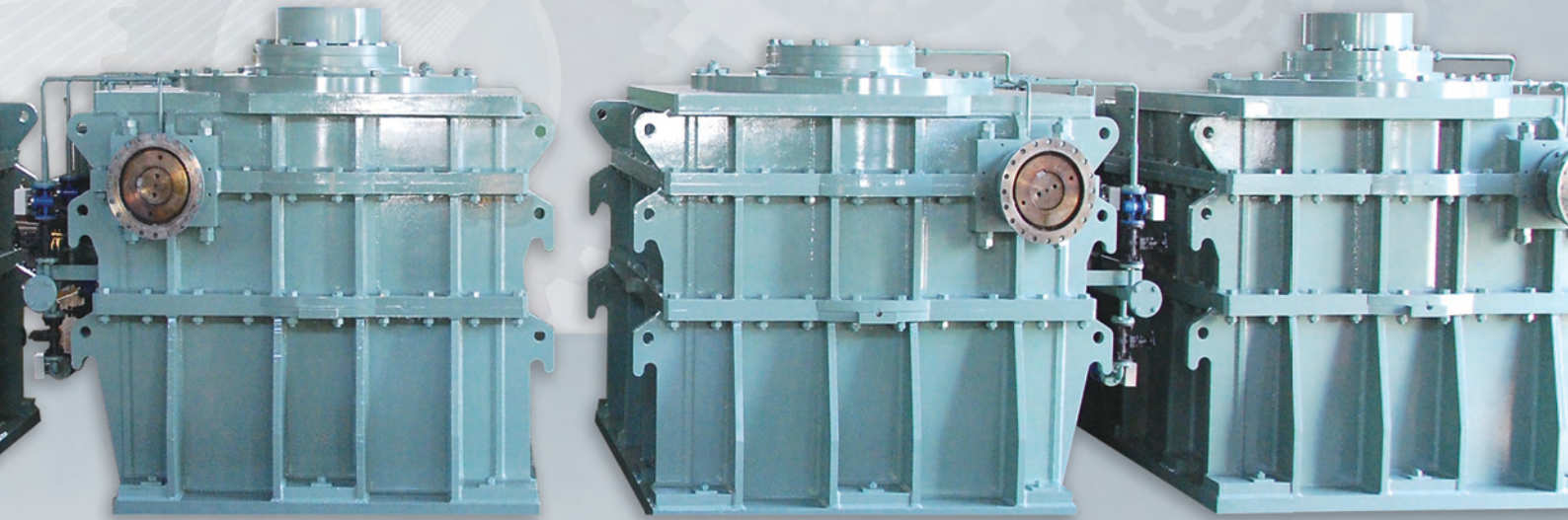
▶ 장고 월기어 가공
Double enveloping
worm Gear Work



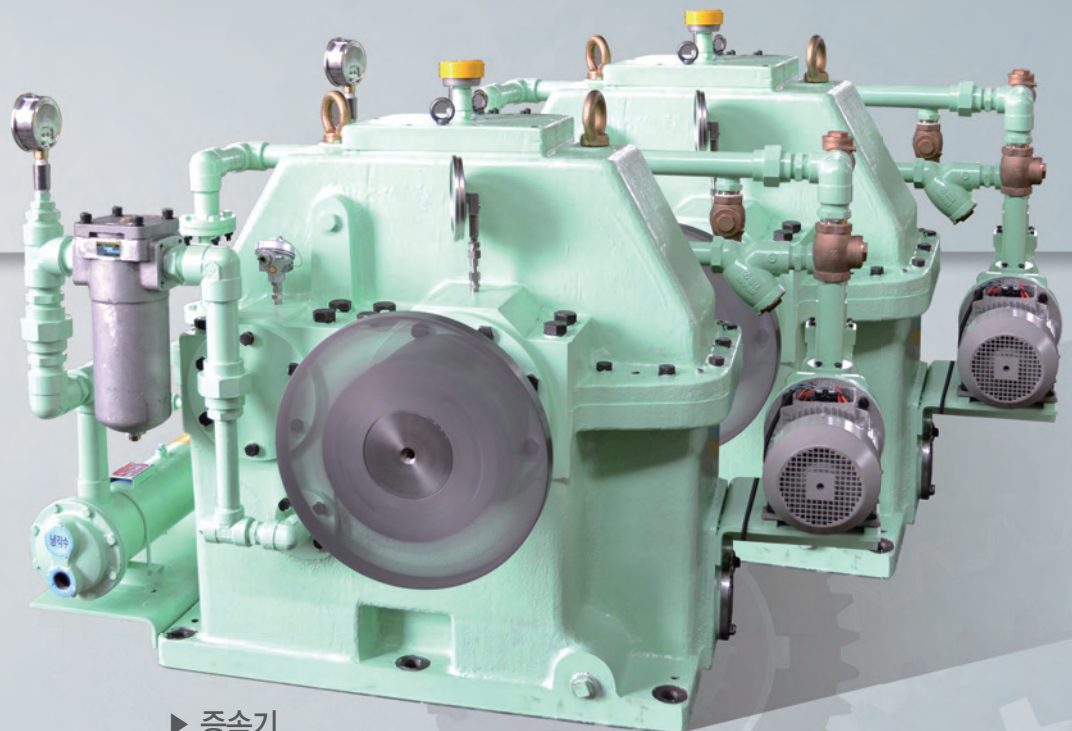


▶ M50 Girth Pinion

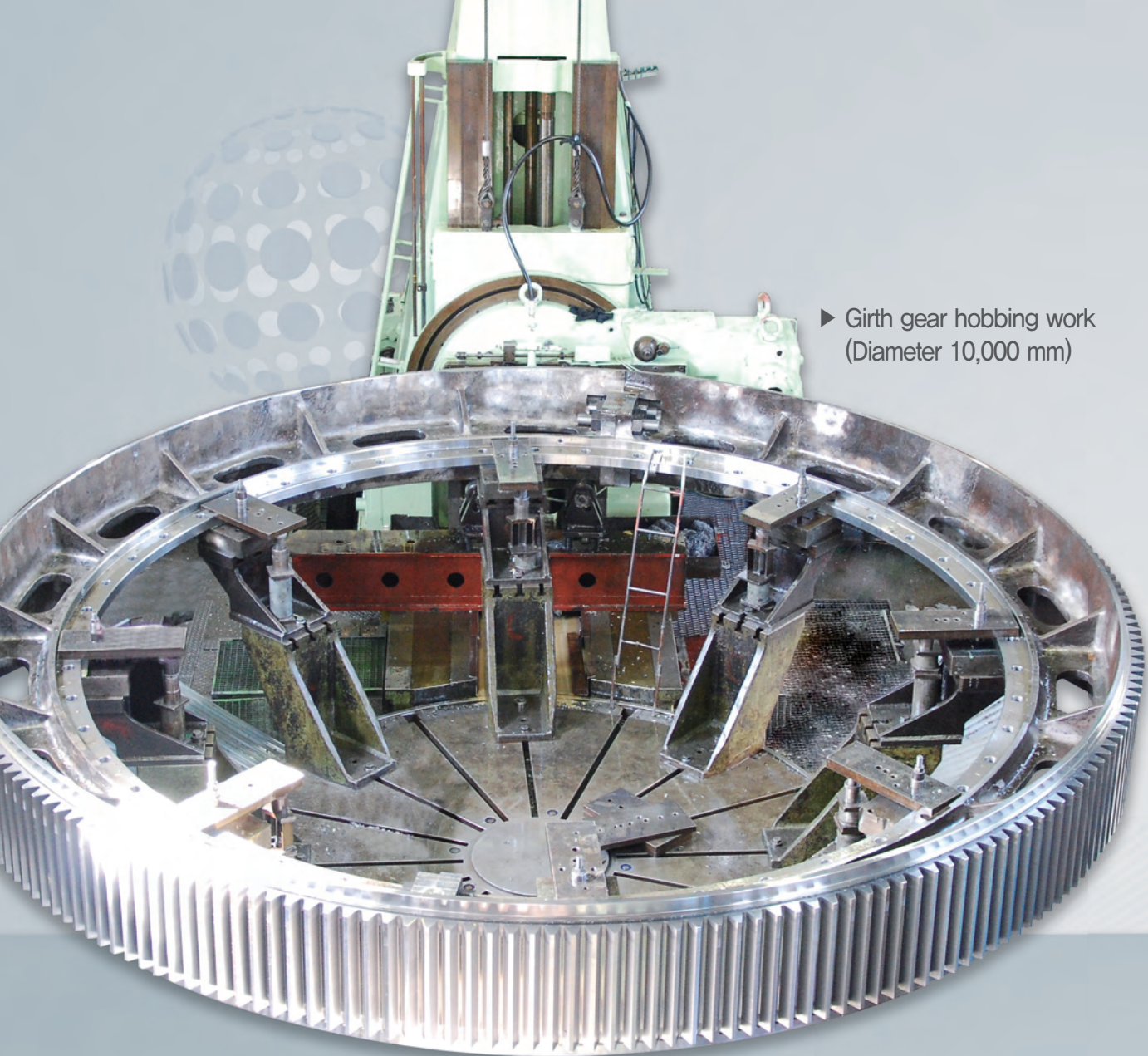
▶ Twin speed hoisting reducer



▶ Spiral bevel gear
for Edger Mill



▶ 증속기
Speed Incriaser



► Girth gear hobbing work
(Diameter 10,000 mm)

Bevel Gear

Type	Module	Max. Dia(mm)	Max Face Width
Spiral Bevel (Klingenberg)	nM 2–nM36	4"–78" 100mm–2,000mm	13" 330mm
Grinded Spiral Bevel (Gleason)	nM 2–12	100mm–600mm	
Straight & Skew Bevel (Gleason & 5xis Simultaneous Milling Machine)	nM 2–nM38	4"–78" 100–2,000mm	15" 381mm
Angular Hypoid Tester		118" 3,000mm	

Spur/ Helical Gear

Type	Module	Max. Dia(mm)	Max Face Width
Spur/ Helical Gear with Tooth Grinding	Up to M50	10"–142" 250mm–3,600mm	Up to 51" 1,300mm
Spur/ Helical Gear without Tooth Grinding	Up to M60	4"–393" 100mm–10,000mm	78" 2000mm

Equipment for Inspection and Measurement

Type	Capability
PFSU 1600	Max Dia, 1600
Portable Pitch Error Tester	Module 20
Built in Tester	Max Dia, 3200
Helical Master Gear	DIN 1
Klingenberg	Max 2600



▶ Girth gear turning work



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DAE SEONG GEAR MFG, CO.

EM gear

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