

# KUMOH HEAVY INDUSTRIES

높이의 한계를 넘어 신뢰의 상징으로 거듭납니다.  
(주)금오중공업의 우수한 기술력으로 고객의 가치를 높입니다.

Transcending the limits of height, it is reborn as a symbol of trust.  
Enhancing customer value with its excellent technological prowess.

 KUMOH

[www.kumohheavy.com](http://www.kumohheavy.com)

## 높이의 한계를 넘어 신뢰의 상징으로 거듭납니다.

(주)금오중공업의 우수한 기술력으로  
고객의 사업에 가치를 높입니다.

저희 (주)금오중공업은 “고객만족”, “최고품질”을 경영이념으로  
다변화하는 주변 환경에 다양한 고객의 요구를 적극적으로 만족시키며  
노력한 결과 크레인 제조 분야를 선도하는 업체가 되었습니다.

(주)금오중공업과의 만남은 곧 '귀사 제품의 품질과 신뢰도를 높이는  
계기'가 될 수 있으리라 확신합니다.

하루가 다르게 발전하는 디지털 시대에 발맞추고 최상의 품질, 최적의  
납기로 만족을 드리고자 노력할 것이며, 가격 또한 최고의 경쟁력으로  
나날이 발전하는 크레인 산업의 밑바탕이 되어 한국 및 세계 제조 산업의  
미래를 개척하는데 일익을 담당하는 회사가 되고자 최선을 다하겠습니다.  
감사합니다.

## Transcending the limits of height, it is reborn as a symbol of trust.

Kumoh Heavy Industries' excellent technology increases  
the value of customers' businesses.

We, Kumoh Heavy Industries Co., Ltd., have become a leading company in the crane manufacturing industry by actively satisfying the needs of various customers in a diversifying environment with the management philosophy of “customer satisfaction” and “highest quality.” We are confident that your encounter with Kumoh Heavy Industries Co., Ltd. will soon be an opportunity to “improve the quality and reliability of your products.”

We will strive to keep pace with the rapidly developing digital era and provide satisfaction with the best quality and optimal delivery time, and we will do our best to become a company that plays a part in pioneering the future of the Korean and global manufacturing industries by becoming the foundation of the crane industry that is developing day by day with the best price competitiveness. Thank you.



 KUMOH

CEO **Kim Tae-gyu**



■ 사업영역 | Business Area

**제강 크레인**  
Steel Mill Crane

**산업 크레인**  
Industrial Crane

**항만설비 크레인**  
Port Crane

**풍력 관련 크레인**  
Wind Power Cranes

**특수목적 크레인**  
Special Purpose Crane

**원자력 & 연료취급설비**  
Nuclear Power & Fuel Handling Equipment

# 회사연혁

## History

### 1987~1999

- 1987. 07.** 동성산업 설립  
Established Dongseong Industry
- 1994. 05.** (주)금오중공업으로 법인 전환  
Incorporated as Kumoh Heavy Industries
- 1996. 01.** 산업안전공단 무재해 1배 달성 업체선정  
Selected as a company that achieved zero accidents by the Korea Occupational Safety and Health Agency
- 1997. 12.** 유망중소기업지정 (신용보증기금)  
Designated as a promising small and medium-sized company (Korea Credit Guarantee Fund)
- 1999. 05.** 경남은행 최우수 업체 선정  
Selected as the best company by Gyeongnam Bank
- 1999. 06.** ISO 9001:2015 품질경영시스템 인증 획득  
Obtained ISO 9001:2015 certificate quality management system certification

### 2000 ~ 2011

- 2001. 05.** 경상남도지사 표창장 수여  
Awarded a commendation from the Governor of Gyeongsangnam-do
- 2003. 03.** 기업은행 FAMILY 기업선정  
Selected as a FAMILY company by Industrial Bank of Korea
- 2004. 02.** (주)포스코건설 우수업체 선정  
Selected as an excellent company by POSCO Construction
- 2004. 12.** (주)포스코 우수업체선정  
Selected as an excellent company by POSCO Construction
- 2008. 03.** 부산지방국세청장 표창장 수여  
Awarded a commendation from the Busan Regional Tax Office Director
- 2009. 04.** 인도네시아 HANIL JAYA STEEL 용 CRANE 수주  
Order for CRANE for HANIL JAYA STEEL in Indonesia
- 2010. 02.** (주)삼성엔지니어링 협력업체 등록  
Registered as a partner of Samsung Engineering Co., Ltd.
- 2010. 09.** (주)삼성엔지니어링 바레인 SULB, Steel Mill Project Crane 17대 수주  
Samsung Engineering Co., Ltd. Bahrain SULB, Steel Mill Project Crane 17 Units Order
- 2011. 03.** (주)포스코 우수공급사 선정  
Selected as an excellent supplier by POSCO





## ~ Present

- 2016. 11.** 한국방위산업진흥회 준회원 가입  
Joined the Korea Defense Industry Promotion Association as an associate member
- 2019. 11.** 경영혁신형 중소기업(메인비즈) 선정  
Selected as a management innovation-type small and medium-sized enterprise (Main Biz)
- 2021. 11.** 한국원자력환경공단 유자격 등록  
Registered as a qualified person with the Korea Atomic Energy Environment Agency
- 2022. 03.** ISO 45001:2018 안전보건경영 시스템 인증 획득  
Obtained ISO 45001:2018 Occupational Health and Safety Management System Certification
- 2023. 01.** 영국 SeAH Wind Over Head Crane 수주  
Order for Over head cranes for SeAH Wind in UK
- 2023. 05.** 한국수력원자력 유자격 등록  
Korea Hydro & Nuclear Power qualified registration  
M246 / M248 / M249 / M250
- 2024. 03.** 한국전력공사 유자격 등록  
Korea Electric Power Corporation qualified registration
- 2024. 04.** 글로벌 강소기업 1,000+ 기업 지정  
Korea Electric Power Corporation qualified registration
- 2024. 05.** 한국산업기술기획평가원 소재·부품·장비 전문기업 등록  
Registered as a specialized company in materials, parts, and equipment at the Korea Industrial Technology Planning and Evaluation Institute
- 2024. 05.** 한국전력기술 유자격 등록  
Korea Electric Power Technology Qualified Registration  
UM246 / UM248 / UM250
- 2024. 06.** 전기공사업 면허 등록  
Electrical engineering business license registration
- 2024. 10.** 산업통상자원부 장관상 수상  
Award from the Minister of Trade, Industry and Energy  
기업부설연구소 설립  
Establishment of a corporate research center
- 2024. 12.** 철탑산업훈장 수상  
Awarded the Iron Tower Industrial Medal





# 제강 크레인

## Steel Mill Crane

(주)금오중공업은 앞선 기술력으로, 제철소 제강공장에 사용되는 다양한 기능의 크레인을 고객 요구에 따라 맞춤형 설계 및 크레인 생산의 솔루션을 제공합니다.

We provide solutions for customized design and production of cranes according to customer needs for various functions used in steel mills and steel plants.

제강 크레인 | Steel Mill Crane



### Teeming Crane

Teeming Crane은 제철소 제강공장의 용강로 Ladle을 운반하는 핵심설비로 제강공장의 조업 여건인 고온·분진·소음에 대해 완벽히 대응할 수 있도록 설계하며 고객의 요구에 부합되는 안전과 품질 관리 시스템을 적용하고 있습니다.

Teeming Crane is a key facility that transports the molten steel ladle of a steel mill. It is designed to perfectly cope with the high temperature, dust, and noise conditions of a steel mill, and is equipped with a safety and quality management system that meets customer needs.



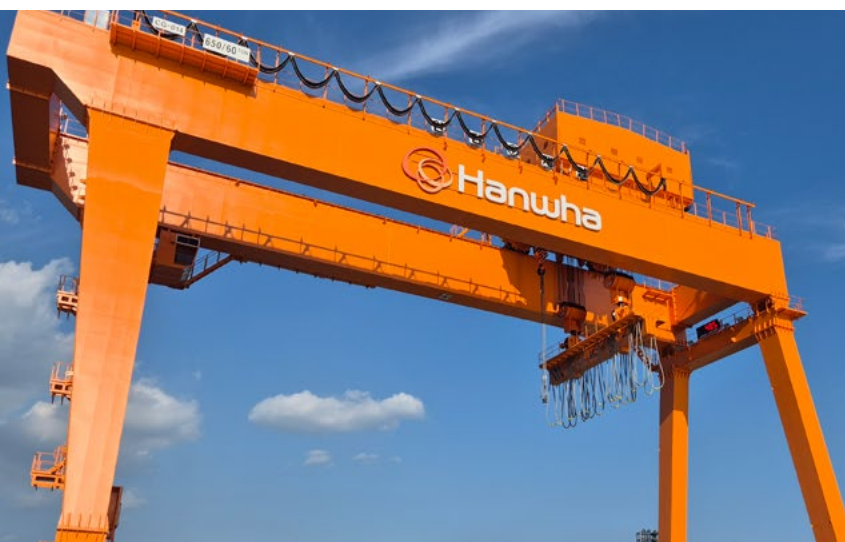
### Charging Crane

Charing Crane은 Scrap을 운반하여 전기로에 장입하는 Crane으로 오랜 경험과 축적된 Know-how를 바탕으로 전기로 장입 시 발생하는 화염·고온·분진·소음에 대해 완벽한 System을 구축합니다.

The Charing Crane is a crane that transports scrap and charges them into an electric furnace. Based on long-term experience and accumulated know-how, we have built a perfect system for flames, high temperatures, dust, and noise generated when charging an electric furnace.

# 산업 크레인

## Industrial Crane



(주)금오중공업은 앞선 기술력과 품질로 자동차, 조선, 일반제조업 등 다양한 산업에서 사용되는 대형 크레인을 고객 요구에 따라 맞춤형 크레인 생산 및 자재 취급 솔루션을 제공합니다.

Kumoh Heavy Industries provides customized crane production and material handling solutions according to customer needs for large cranes used in various industries such as automobiles, shipbuilding, and general manufacturing with advanced technology and quality.



### Overhead Crane

천장크레인의 종류로 건물 내벽이나 철골 기둥에 주행레일을 설치하고 싱글 또는 더블 거더를 얹고 호이스트나 그라브를 설치하는 방식의 크레인

A type of overhead crane that installs a running rail on the inner wall or steel column of a building, places a single or double girder on it, and installs a hoist or grab.



### Gantry Crane

옥외 또는 실내 설치하는 크레인으로 건물의 기둥이 없는 주로 옥외에서 사용하는 크레인

A crane that can be installed outdoors or indoors, primarily used outdoors where there are no building columns.

# 항만 크레인

## Port Crane

### ▪ RTGC(Rubber Tired Gantry Crane)

컨테이너를 컨테이너 터미널이나 야적장의 적재 영역 내에 적재하기 위해 사용되는 이동식 갠트리 크레인으로 컨테이너 저장소를 가로지르거나 최대 저장 밀도가 필요한 경우 사용되며, 당사는 설계기술과 생산 Line을 구축하고 있습니다.

A mobile gantry crane used to stack containers within the loading area of a container terminal or yard, across a container storage area or when maximum storage density is required. We are developing the design technology and building the production line.



### ▪ RMGC(Rail Mounted Gantry Crane)

부두 컨테이너 야적장에서 컨테이너를 이송하고 적재하는 크레인입니다. 당사는 자동화 설비 적용 등의 다양한 고객 요구에 적극대응하고 있습니다.

This is a crane that transports and loads containers at a dock container storage yard. We actively respond to various customer needs, such as the application of automated facilities.



### ▪ RMQC(Rail Mounted Quayside Crane)

Container를 선박으로 부터 하역하거나 선적하는 Crane으로 항만 물류에 사용하며 높은 성능과 품질을 자랑합니다. 당사는 설계기술을 확보하고 생산 Line을 구축하고 있습니다.

It is used for port logistics as a crane to load or unload containers from ships and boasts high performance and quality. We have secured design technology and are building a production line.





# 풍력 관련 크레인

## Wind Power Cranes

당사는 풍력 관련 자재, 생산을 위한 크레인을 제작하고 있으며, 품질과 기술력은 글로벌 시장에서 인증을 받고 있습니다.

We manufacture wind power-related materials and cranes for production, and our quality and technical skills are recognized in the global market.



# 특수목적 크레인

## Special Purpose Cranes

(주)금오중공업은 교량설치 등의 특수목적용 크레인, 특수 장비의 설계 및 기술개발을 수행, 납품하고 있으며, 사용 기능에 따른 맞춤형 기기 생산 및 취급 솔루션을 제공합니다.

Kumoh Heavy Industries designs and develops special-purpose cranes and special equipment for bridge installation, etc., and supplies them, and provides customized equipment production and handling solutions according to usage functions.

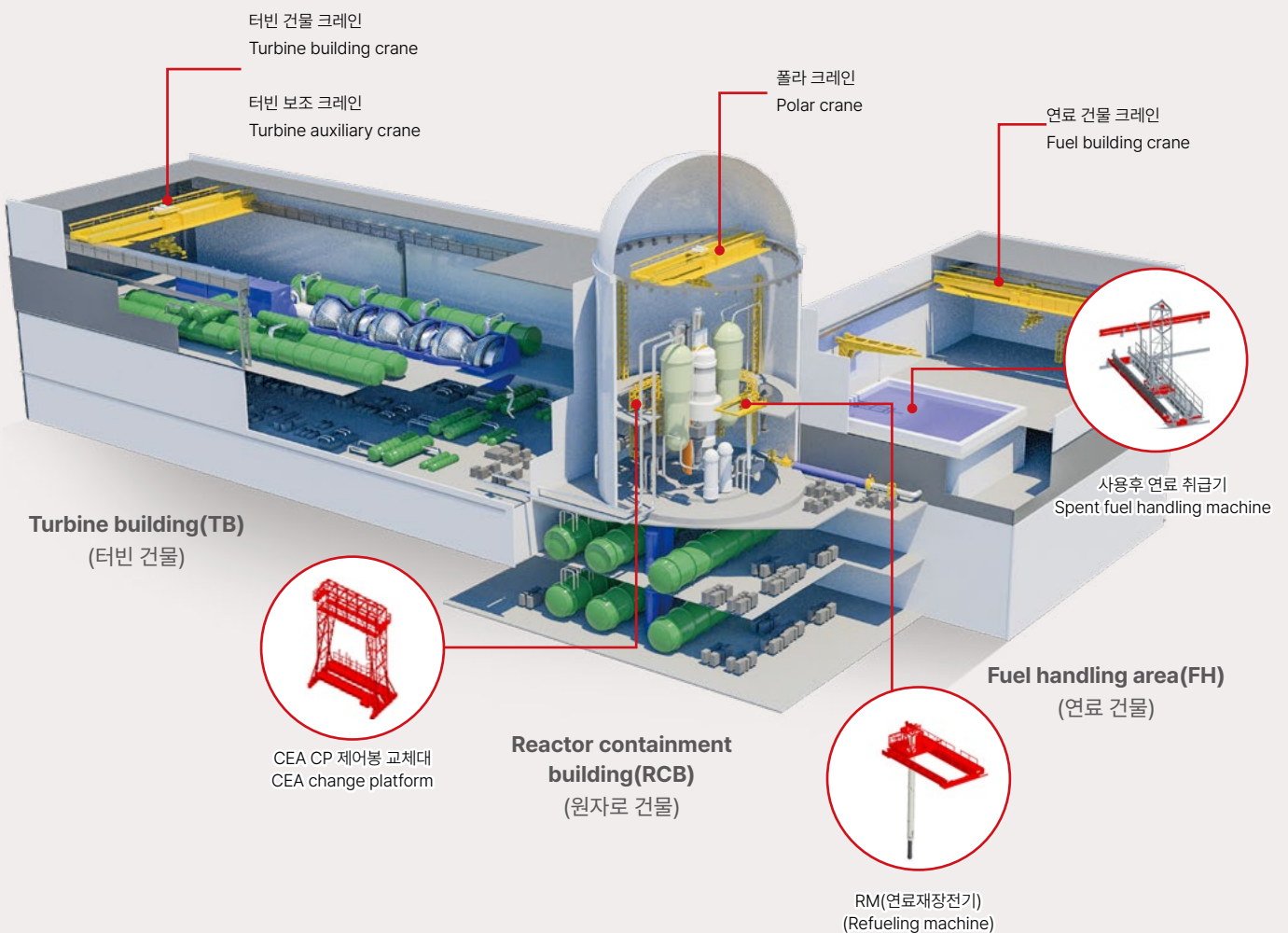


# 원자력 & 연료취급설비

## Nuclear Power & Fuel Handling Equipment

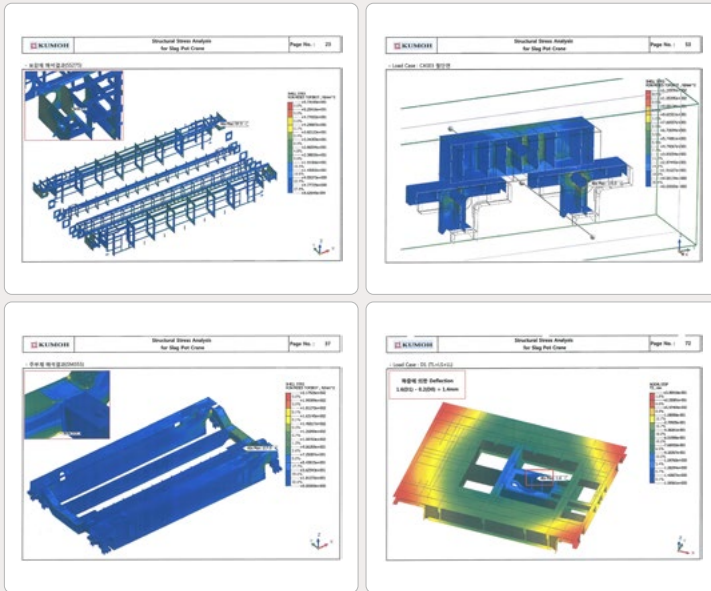
당사는 원자력 산업으로도 사업을 확장하여 원자로 건물의 장치 및 장비를 운반하는 폴라 크레인(Polar Crane)의 설계 및 제작을 수행하고 있으며, 향후 연료취급설비(Fuel Handling Equipment)의 제작 및 시운전을 수행할 계획입니다.

We have also expanded our business into the nuclear power industry, designing and manufacturing polar cranes that transport devices and equipment in nuclear reactor buildings, and plan to manufacture and commission fuel handling equipment in the future.



# 연구개발

## Research and Development



신설 크레인의 구조해석



교량설치 기기 및 공사현장설치

■ **크레인 관련 연구개발** | Crane-related research and development

새로운 크레인의 기능 및 사양에 따른 안전성과 신뢰성을 위한 최적의 구조해석

Optimal structural analysis for safety and reliability according to the functions and specifications of new cranes

■ **대교 설치에 대한 기기 설계 및 구조해석** | Equipment design and structural analysis for bridge installation

교량(다리)의 설치 공정 개발, 공정에 따른 기기 개발과 구조해석

Development of bridge installation process, equipment development and structural analysis according to the process

■ **원자력 크레인의 구조해석** | Structural analysis of nuclear cranes

구조해석을 통한 기기 안전성 및 신뢰성 확보

Securing equipment safety and reliability through structural analysis



특허 및 인증현황 | Patent and certification status

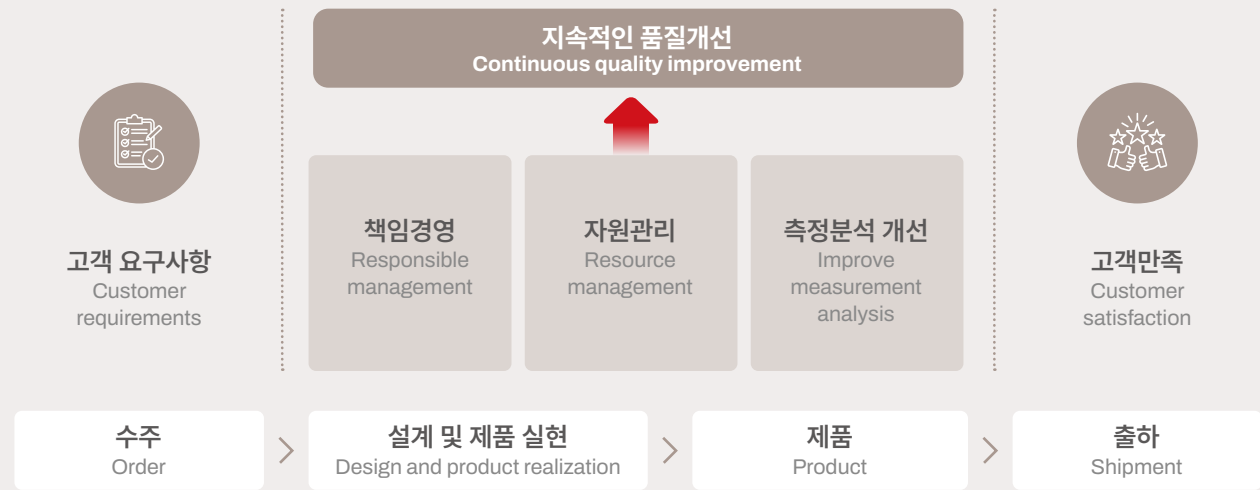


1. ISO 9001:2015
2. ISO 45001:2018
3. 기계설비공사업  
Mechanical equipment construction business
4. 전기공사업 등록증  
Electrical work registration certificate
5. 직접생산확인증명서  
Direct production confirmation certificate
6. 경영혁신형 중소기업 확인서  
Certificate of management innovation small and medium business
7. 소재부품장비 전문기업확인서  
Certificate of specialized company in materials, components, and equipment
8. 글로벌 강소기업 지정서  
Global powerhouse designation certificate
9. 기업부설 연구소 인정서  
Certificate of corporate research institute
10. 한국원자력환경공단 업체등록증  
Korea Atomic Energy Environmental Agency Business Registration Certificate
11. 한국수력원자력 유자격공급자 등록증  
Korea Hydro & Nuclear Power qualified supplier registration certificate
12. 한국전력공사 공급업체등록증  
Korea Electric Power Corporation supplier registration certificate
13. 발전 5사 기자재 공급 유자격 등록증  
Certificate of qualification for supply of power generation equipment to 5 companies
14. 한전KPS 주식회사 협력업체 등록증  
KEPCO KPS Co., Ltd. partner company registration certificate
15. 자동으로장력조절이가능한현수교의 소선가설용 카운터밸런스  
Counterbalance for erecting small wires of suspension bridges with automatic tension control
16. 현수교의케이블 설치용인양장치및그것의 설치구조  
Lifting device for cable installation of suspension bridges and its installation hole

# 품질 관리 시스템

## Quality Management System

### ■ 품질 관리 시스템 | Quality control system



### ■ 품질보증정책 | Quality assurance policy

Crane의 소재, 가공 및 조립 등의 전체 과정 내 품질관리를 통합하여 원스톱(One-Stop) 품질 인증 시스템 구축

Establishing a one-stop quality certification system by integrating quality management throughout the entire process of materials, processing, and assembly of crane parts





■ 제작공정 | Process



Cutting



Fabrication & Welding



Non-Destructive Examination



Machining



Sub-Assembling



Assembling



Painting



Transportation



Finished Product

# 주요 실적

## Major Performance

### Under 100tons Crane

NO	Client	Construction details	Due Date
1	HD Hyundai Heavy Industries	15 / 5ton × 33.8m O.H.C	2024.01.31.
2	POSCO	65 / 35ton × 27.4m O.H.C	2024.02.28.
3	HD Hyundai Mipo	10(10+5)ton × 23m O.H.C	2024.03.30.
4	HD Hyundai Mipo	30(30+15)ton × 25m O.H.C	2024.03.30.
5	EEW Korea Co., Ltd.	30ton × 28.11m Hoist Crane	2024.05.30.
6	Geoje City	10ton × 8.5m Chine Hoist JIB Crane	2024.08.20.
7	POSCO	40ton × 27m O.H.C	2024.08.29.
8	HD Hyundai Heavy Industries	30ton × 18.2m O.H.C	2024.08.31.
9	POSCO	40ton × 27.5m O.H.C	2025.08.31.
10	POSCO	25ton × 33m Magnet O.H.C	2024.12.30.
11	POSCO	85 / 20ton × 37m SLAB Tong Crane	2024.12.30.
12	Korea Hydro & Nuclear Power	15 / 5ton × 41.3m Hoist O.H.C	2025.06.30.

주요 실적 | Major Performance



Dismounting Crane



Auto Pickup Crane



RMGC 40.6 ton





## 100~150tons Crane

NO	Client	Construction details	Due Date
1	Doosan Engineering & Construction	100 / 30ton × 34m Grantry Crane	2016.08.31.
2	HD Hyundai Mipo	100(100 / 30+50)ton × 46m O.H.C Revamping	2018.02.20.
3	HD Hyundai Mipo	100(100 / 30+50)ton × 51m O.H.C Revamping	2018.02.20.
4	POSCO	120 / 20ton × 21.1m O.H.C Revamping	2018.09.30.
5	HD Hyundai Electric	100(50+50)ton × 12m O.H.C	2019.07.31.
6	Agency for Defense Development, Korea	100ton × 8.4m O.H.C	2020.06.30.
7	POSCO	120 / 40ton × 23m SLAG POT Crane 2 Units	2020.11.27.
8	HD Hyundai Heavy Industries	100 / 50ton × 33.4m O.H.C	2021.08.15.
9	Hyundai HYMS Co., Ltd.	100(50+50)ton × 24m Grantry Crane 2 Units	2022.08.07.
10	HD Hyundai Heavy Industries	120(60+60)ton × 50.25m O.H.C	2023.08.31.
11	POSCO	120 / 40ton × 23m SLAG POT Crane 2 Units	2024.03.20.
12	HD Hyundai Heavy Industries	120(120+60)ton × 39m O.H.C	2024.08.31.



Ladle Crane



Derrick Crane



Cable Crane

# 주요 실적

## Major Performance

### 150~200tons Crane

NO	Client	Construction details	Due Date
1	SeAH Besteel Corporation	160 / 80 / 10ton × 30m Charging C / R	2009.10.30.
2	POSCO	150 / 60ton × 29.1m O.H.C	2010.07.30.
3	Hyundai Corporation	150(100 / 30+50)ton × 55.5m O.H.C	2013.03.04.
4	EEW KHPC Co., Ltd.	150 / 30ton × 30m O.H.C	2015.05.31.
5	Taewoong Co., Ltd.	160 / 50 / 10ton × 27m Charging O.H.C	2015.06.30.
6	HD Hyundai Heavy Industries	150 / 60ton × SPAN 23.6m O.H.Crane	2015.09.30.
7	EEW KHPC Co., Ltd.	150 / 30ton × 30m O.H.C	2015.12.15.
8	EEW KHPC Co., Ltd.	150 / 30ton × 30m O.H.C	2019.11.30.
9	Hyundai Steel Co., Ltd.	160 / 40 / 7.5 ton × 21.2m Ladle Crane	2020.06.30.
10	SeAH Wind, UK	150 / 50ton × 43m Over Head Crane	2023.01.31.
11	SeAH Wind, UK	150ton × 48m Over Head Crane	2023.01.31.
12	HD Hyundai Samho	175(100 / 25+75)ton × 27.3m Over Head Crane	2024.08.31.

주요 실적 | Major Performance



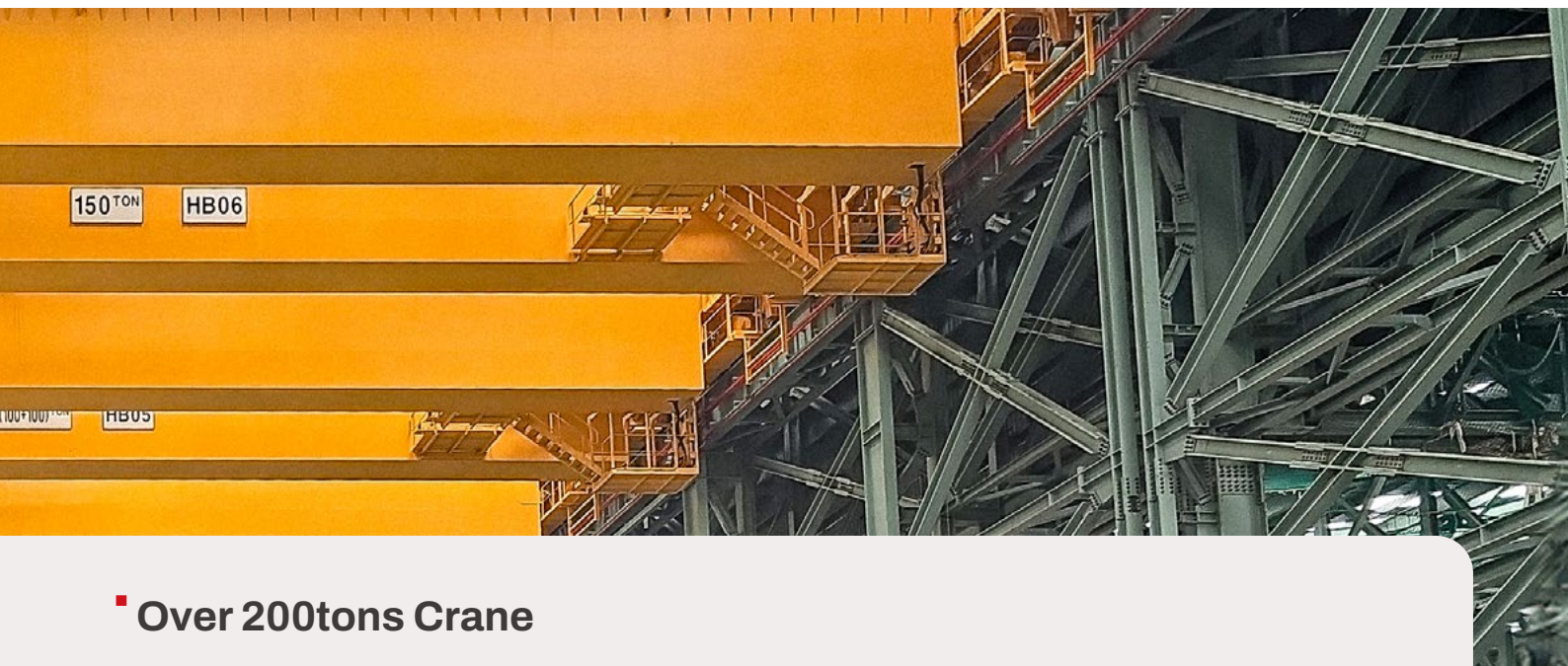
Cable Crane



RMQC Maintenance



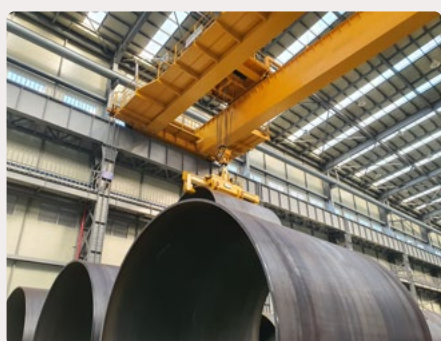
RMGC CY Yard Crane



## Over 200tons Crane

NO	Client	Construction details	Due Date
1	Samsung Heavy Industries	350ton $[(175+175)+200]$ × 42m T.O.C	2015.08.17.
2	Sambo CMC	200ton × 21.5m O.H.C	2016.07.15.
3	HD Hyundai Mipo	200(200 / 30+100)ton × 51m O.H.C Revamping	2018.02.20.
4	Doosan Enerbility	200(200+120 / 50)ton × 37.4m O.H.C	2022.10.07.
5	HD Hyundai Heavy Industries	310 / 60ton × 26.6m O.H.C	2022.10.31.
6	SeAH Wind, UK	200(100+100)ton × 48m Over Head Crane	2023.10.31.
7	SeAH Wind, UK	300(150+150)ton × 48m Over Head Crane	2023.10.31.
8	SeAH Wind, UK	300ton+300ton Auto Lifter Crane	2023.10.31.
9	SeAH Wind, UK	200ton+200ton (400ton) Auto Lifter Crane	2023.10.31.
10	HD Hyundai Heavy Industries	350 / 60ton × 27.5m O.H.C	2024.01.31.
11	Hanhwa Engine	325 / 60 / 10ton × 37m O.H.C 4 Units	2024.08.12.
12	Hanhwa Engine	650(325+325) / 60ton × 43m Gantry Crane	2024.08.26.

주요 실적 | Major Performance



Overhead Crane



Overhead Crane



Gantry Crane 650ton



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