KCP CORPORATE PROFILE

Contents

LEADERSHIP & CORPORATE VISION

CEO MESSAGE

Dear Valued Customers,

KCP has continuously grown through relentless challenges and innovation, all made possible by your unwavering trust and support. Every obstacle we have overcome has not only strengthened us but has also opened doors to new opportunities, solidifying our position as a globally recognized company. Our journey is more than just corporate progress—it is a shared story of resilience and growth.

As we step into a new era, we embrace the future under the slogan "Shaping Tomorrow with Innovation and Challenge." In an age of uncertainty, where industries are transforming amidst climate change and digital evolution, KCP remains steadfast in its commitment to pioneering eco-friendly technologies and smart solutions. We do not merely adapt to change—we drive it.

With our global partners, we will continue to pursue sustainable growth, technological excellence, and unwavering customer satisfaction. The road ahead may be unpredictable, but with your trust, we are confident in forging a path toward a stronger, more innovative future.

Thank you for being part of this journey. We look forward to another year of progress, and we deeply appreciate your continued support and encouragement.

KCP – shaping a brighter future together.

Sincerely,
Yoon Young-gon
CEO, KCP Co., Ltd.

SHAPING TOMORROW WITH INNOVATION AND CHALLENGE

Y.G.YUN

Introduction to KCP

KCP has exceptional design and manufacturing capabilities in construction machinery, such as Boom Pumps and special-purpose vehicles. By simplifying and lightening structures, KCP provides outstanding efficiency and durability. The company is also highly regarded by consumers for its low maintenance costs and minimal failure rates.

Leveraging world-class quality and technology, KCP actively exports products to over 50 countries worldwide, including the United States, Canada, Europe (Germany, Austria, etc.), Australia, Russia, Saudi Arabia, Japan, and the Philippines.

Company Profile

Company Name	KCP Co., Ltd.
Established	May 15, 2002
Headquarters	312, Gwangjeong-ro, Gaya-eup, Haman-gun, Gyeongsangnam-do, South Korea
Number of Employees	120 (as of December 2024)
Business Areas	Concrete construction machinery, special and custom vehicles, forklifts, and lift vehicles
Sales Revenue	KRW 122.3 billion (2024)
Export Revenue	USD 51,101,232 (2024)
Production Volume	Approximately 700 units per year
Website	www.kcppump.com

Management Philosophy

INNOVATING A CREATIVE FUTURE FROM CHALLENGE

Challenge: We strive to seize new opportunities and achieve continuous growth in an ever-changing market environment.

Innovation: Combining the latest technology with creative ideas, we aim to deliver the best products and services.

Creativity: Every employee is encouraged to create new value through creative thinking, aiming to grow together with our customers.

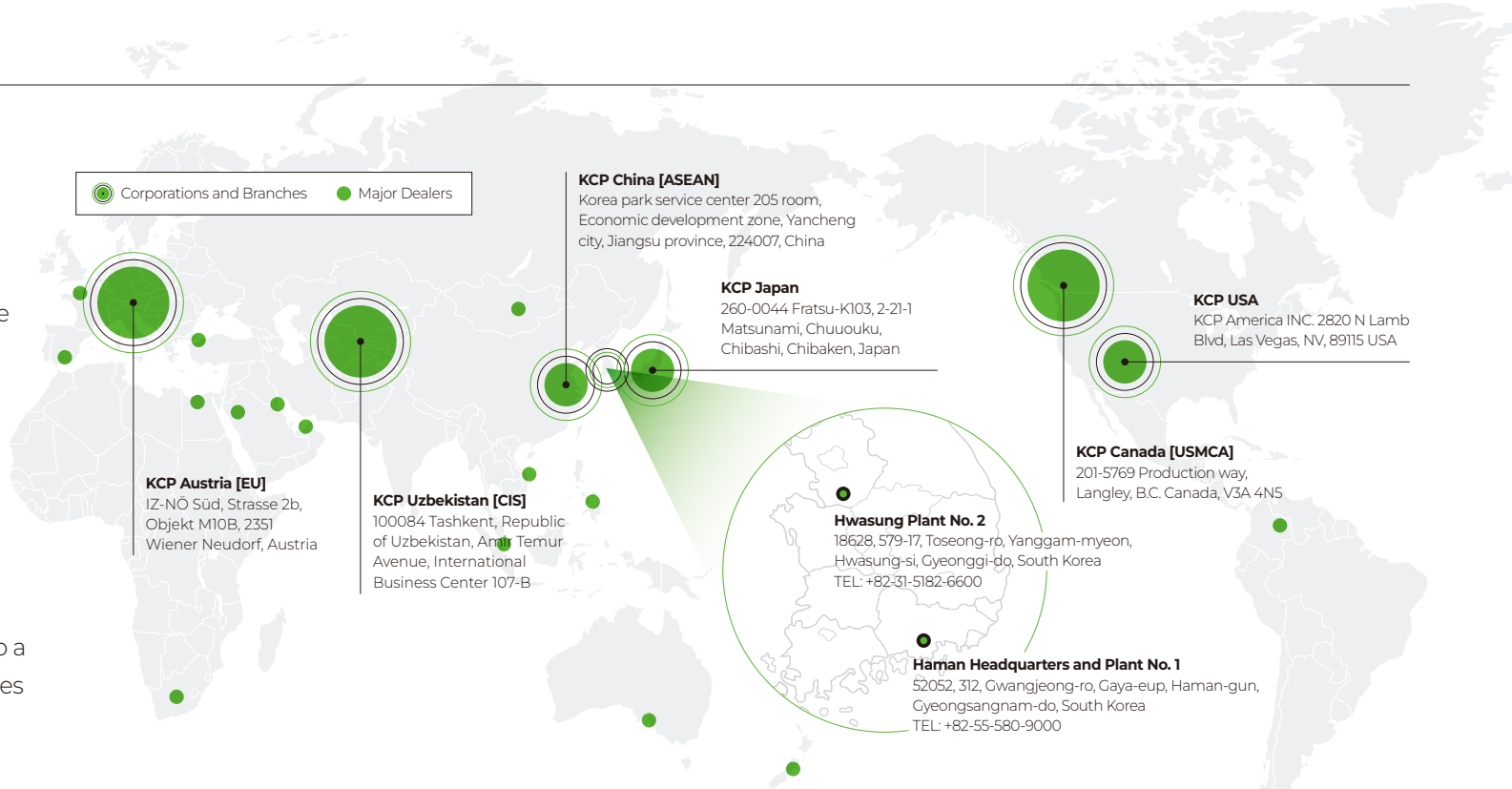
Global Presence

Expanding Globally with Local Expertise

With a network of over 50 dealers worldwide and subsidiaries in Canada (USMCA), Austria (EU), and Uzbekistan (CIS), KCP is strengthening its global presence while delivering high-quality products.

We enhance brand power by developing region-specific models and utilizing localized production. To expand into new markets, we increase direct exports and implement market-driven sales strategies, partnering with top-tier dealers and fostering new ones.

Our vision is to shift from domestic-focused production to a global manufacturing network, standardizing technologies and optimizing efficiency worldwide.



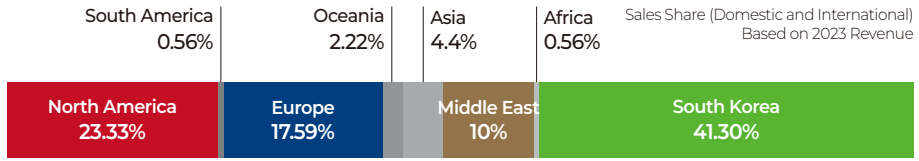
Domestic Market

41.3%

Exports

58.7%

KCP has maintained the top position in the domestic Boom Pumps manufacturing industry for many years, and the focus of our sales growth is rapidly shifting from the domestic market to exports.



History

BOLD CHALLENGES, BOUNDLESS INNOVATIONS

KCP is proud of its history of continuous growth through challenges and innovation since its founding. Our journey is not merely about achieving goals but is the result of endless efforts to push beyond new boundaries.

Although we started as a small-scale company, KCP quickly grew through an innovative approach grounded in a spirit of challenge. The many challenges we faced only made us stronger, allowing us to continually improve the quality of our technology and services.

2002
- Established KCP Co., Ltd.

2003
- Selected as a Construction Machinery Manufacturer by the Ministry of Construction and Transportation
- Awarded the $5 Million Export Tower on the 40th Trade Day

2004
- Obtained CE Mark (KCP38ZX170 and 2 other models)
- Received Appreciation Plaque from the Concrete Pump Car Association

2005
- Awarded the $10 Million Export Tower on the 42nd Trade Day
- Changed company name to KCP Heavy Industries Co., Ltd. (Relocated head office to Haman)
- ISO 9001:2000 (Quality Management System) Certification
- ISO 14001:2004 (Environmental Management System) Certification

2006
- Received Commendation from the President of the Korea Construction Machinery Industry Association
- Developed the world's first 65M Concrete Pump
- Selected as an INNOBIZ company
- Certified as a CLEAN workplace

2008
- Obtained CE Mark (9 models including KCP24ZX, 1 model including KCP33RX)
- Awarded the $20 Million Export Tower on the 45th Trade Day

2010
- Signed sponsorship agreement with the Children's Foundation
- Certified as a company-affiliated research institute

2012
- Appointed Yoon Young-gon as CEO
- Completed R&D of the 32M 5-section pump
- Successfully reduced weight of the 42M model (Improved fuel efficiency)

2013
- Established and operated Haman Plant No. 2
- Established a local subsidiary in China
- Established and operated Hwasung Plant in Gyeonggi-do

2014
- Selected as a small and medium-sized company by the Korea Occupational Safety and Health Agency
- Selected as a Main-Biz (Management Innovation Small and Medium Enterprise)
- Completed production approval of the 65M model
- Filed a patent for 'Outrigger and Turning Base Support Structure'
- Received a commendation from Gyeonggi Science and Technology University
- Registered as a member of the Small and Medium Business Technology Innovation Association

2015
- Obtained CE Mark (28 models)
- Established a local subsidiary in Japan
- Signed mutual business cooperation agreements with Gyeonggi Science and Technology University, Korea Construction Machinery Association, and Korea Concrete Pump Car Association
- Awarded the $30 Million Export Tower on the 52nd Trade Day

2016
- Developed the world's first 75M Concrete Pump
- Established a branch in Uzbekistan
- Registered patent for 'Vehicle Slow Drive Device'
- ISO 9001:2008 (Quality Management System) Certification
- Selected as a World Class 300 and global specialist candidate company
- Selected as a Good Job Company by the Korea Credit Guarantee Fund
- Registered patent for 'Boom Pumps Concrete Recovery Device and Method'
- Selected as a KDB Global Star Company
- Selected as an excellent technology evaluation company by NICE Information Service

2017
- Selected for WC300 R&D Support Project (KRW 4.9 billion for 5 years)
- Registered patent for 'Boom Pumps with Auxiliary Outriggers'
- Signed MOU with Changwon National University
- Selected as Best Job Creating Company by the Korea Credit Guarantee Fund
- Registered patent for 'Hydraulic Pump Unit of Boom Pumps'

2018
- Filed patent for 'Residual Concrete Recovery Device of Boom Pumps'
- Established a branch in the United Arab Emirates
- Established a local subsidiary in Austria
- Selected as a Small Giant by the Ministry of Employment and Labor in 2018
- Filed 2 patent applications including 'Boom Pumps and Control Unit and Control Method'

2019
- Selected as Youth-Friendly Small Giant by the Ministry of Employment and Labor in 2019
- Awarded the $50 Million Export Tower on the 56th Trade Day

2022
- Renamed to KCP Co., Ltd.
- Selected as a G-PASS Company by the Public Procurement Service (Grade A)

2024
- Selected as a K-SURE Honors Club Member by the Korea Trade Insurance Corporation

Facility Status

OPTIMIZED FACILITIES FOR EXCELLENCE

Haman Plant No. 1

Hwasung Plant No. 2

R&D Centers (Haman / Hwasung / Daejeon)

Innovation Center (Hwasung)

Testing Centers (Haman / Hwasung)

Service Centers (Haman / Hwasung)

North America Subsidiary

Europe Subsidiary

Uzbekistan Branch

Service Training Center / Overseas Service Team

Parts Warehouse (Haman / Hwasung)

KCP Business Sectors

Concrete Pumps

KCP's core business, the Concrete Pumps division, provides high-quality Boom Pumps and equipment, supporting successful project completion in the global construction industry.

Boom Pumps | **Placing Boom** | **Trailer Pump** | **Line Pump**




Special Vehicle

KCP's Special Vehicle division offers high-quality special vehicles that meet industrial demands and support efficient operations.

High-Pressure Sprayer | **Hybrid Suction Truck (Hydraulic Excavator)** | **Vacuum Suction Truck** | **Road Luger** | **Vacuum Lorry, etc.**




Fire Truck

KCP's Fire Truck division provides cutting-edge fire trucks that enable swift and effective response in emergencies.

Articulating Boom Fire Truck | **Aerial Ladder Truck** | **Chemical Truck** | **Water Tanker**


Crane & Underlift

The Crane & Underlift Division provides high-performance equipment optimized for vehicle recovery and rescue operations, designed for safe and rapid response.

Boom Underlift | **Heavy Underlift**


Lithium Electric Forklift

KCP's Lithium Electric Forklift division is leading innovation in the industry with eco-friendly and energy-efficient products.

Lithium Electric Forklifts (Small, Medium, Large, and Ride-on Types) | **Lithium Electric Hand Pallets**



INNOVATION & EXCELLENCE

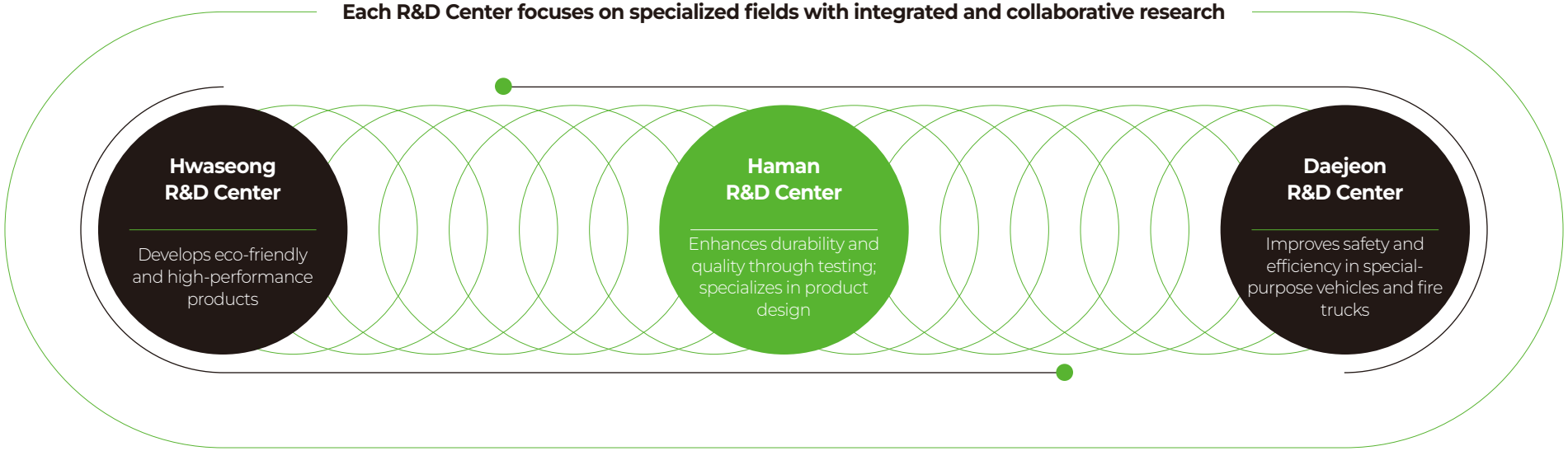
R&D Center

OPENING THE FUTURE WITH INNOVATION

KCP's R&D Centers are dedicated to advancing technologies for industrial special vehicles and equipment. Since being certified as a corporate research institute in 2010, KCP has operated three R&D Centers in Haman, Hwaseong, and Daejeon.

Each center focuses on forward-looking and eco-friendly technology development through integrated and collaborative research to boost global competitiveness. By leveraging innovative design solutions and advanced manufacturing processes, KCP's R&D Centers ensure top-quality products and drive continuous technological innovation.

Each R&D Center focuses on specialized fields with integrated and collaborative research



Quality Innovation

KCP is enhancing product competitiveness and pursuing sustainable growth through quality innovation. Our adherence to international quality standards is demonstrated by our CE and ISO 9001 certifications, indicating that KCP's quality management system is of the highest standard and a key factor in delivering trust and satisfaction to our customers.

CE

CE Certification: This mark indicates that products sold in the European Economic Area (EEA) comply with EU directives related to safety, health, environmental, and consumer protection. CE certification ensures that KCP's products are safe and reliable, qualifying them for unrestricted distribution in the European market.

ISO 9001

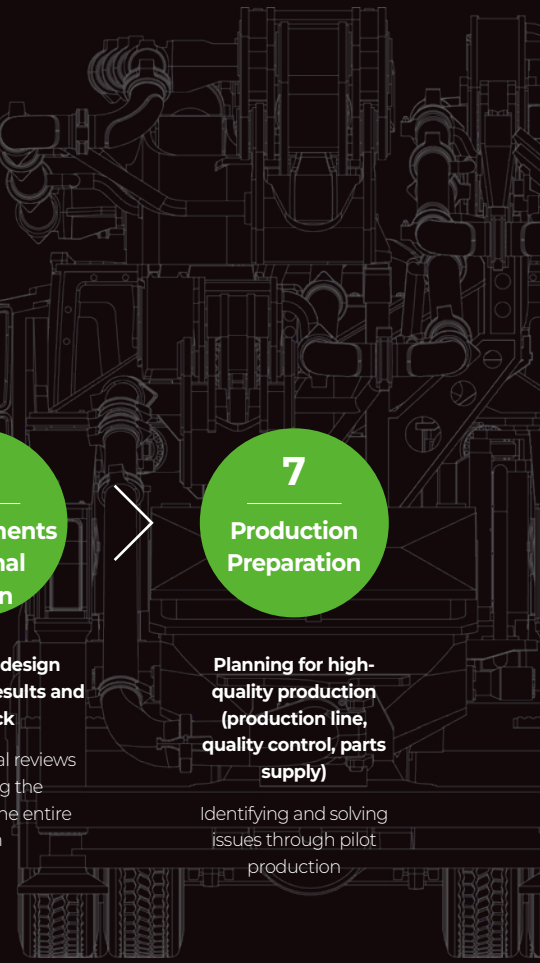
ISO 9001 Certification: This certification from the International Organization for Standardization (ISO) pertains to Quality Management Systems (QMS). ISO 9001 includes processes for continuously improving the quality of products and services, aiming to increase customer satisfaction. This certification proves that KCP has established a systematic and consistent quality management framework.

Design Process

PRECISION THROUGH RIGOROUS DESIGN

Boom Pumps Design Process

The design process for Boom Pumps follows stringent procedures to optimize safety and efficiency, involving several stages from initial concept design to final testing. Each stage requires thorough review and testing to ensure quality, safety, and performance. Key stages in the design process include:



1 Requirement Analysis

Identifying customer requirements and market needs

Defining necessary performance indicators and features

2 Concept Design

Defining overall system structure and key components

Reviewing and comparing various design alternatives to meet requirements

3 Detailed Design

Creating detailed drawings and specifications for all components

Using computer simulations to predict and optimize design performance

4 Prototype Production

Creating prototypes based on detailed designs

Conducting initial tests to identify design issues

5 Testing and Validation

Performance testing under various conditions

Safety tests (overload, durability, safety, etc.)

Compliance with regulations and standards

6 Improvements and Final Design

Refining the design based on test results and feedback

Conducting final reviews and verifying the integration of the entire system

7 Production Preparation

Planning for high-quality production (production line, quality control, parts supply)

Identifying and solving issues through pilot production

Design Process

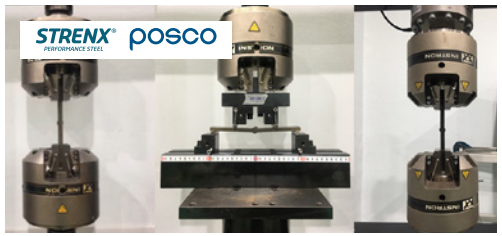
Development of the World's First 75m Boom Pumps

KCP's 75m Boom Pumps is the result of a rigorous design process. As the world's first 75m pump truck, it boasts exceptional performance and stability, meeting various demands at construction sites.

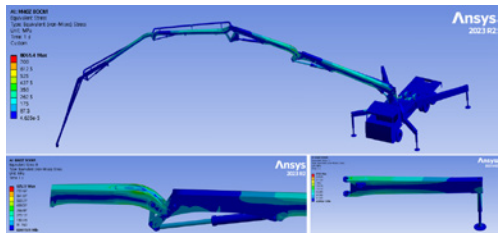
1st 75m concrete pumps

Boom Pumps manufactured using KCP's design system demonstrate high performance across diverse global construction conditions.

Performance and Safety Testing



Tensile Strength Testing
Evaluates the strength and elasticity limits of materials and welds to ensure they can withstand tensile loads during operation.



Simulation and Structural Analysis
Uses Finite Element Analysis (FEA) to assess potential deformations and stresses under various loading conditions, verifying design safety.

Outrigger Load Testing
Tests the stability and durability of the outrigger under different ground conditions and loads.

Boom Load and Inertia Testing
Assesses the strength and stability of the boom, focusing on dynamic loads and inertia forces in real operating environments.

Manufacture Process

WHERE PRECISION MEETS POWER

Boom Pumps Manufacturing Process

The manufacturing process for Boom Pumps involves complex and precise steps, requiring high levels of technical expertise. Key stages include:

1 Order and Drawing Review

Receiving customer orders, verifying product requirements and specifications

Reviewing design drawings for accuracy and suitability

2 Component Production

Selecting high-quality materials such as steel and aluminum and processing them according to design specifications

Precision welding of chassis, boom, and other major components to ensure strength and safety

3 Non-Destructive Testing (NDT)

Performing NDT on welds and components to identify any defects

Inspecting the chemical and mechanical properties of materials

Reviewing quality documents from subcontractors

4 Assembly

Precisely installing major components on the chassis (assembly checks for each process)

Assembling basic structures, hydraulic systems, booms, and electrical and control systems

5 Painting and Finishing

Treating surfaces to prevent rust and corrosion

Applying multiple layers of paint for durability and appearance

6 Final Inspection and Testing

Checking the functionality of all devices

Conducting quality inspections, performance tests, NDT, and safety checks

7 Shipping Preparation

Final inspection and damage prevention

Shipping the product according to customer requirements

Manufacture Process

Smartization of the Manufacturing Inspection Process

By digitalizing structural, assembly, and commissioning inspections for real-time data analysis and quality control, overall manufacturing efficiency and reliability can be significantly enhanced.

MES

KCP operates an MES (Manufacturing Execution System) to modernize manufacturing processes and maximize productivity.

* MES: A software-based solution for monitoring and controlling production processes on the manufacturing floor.

Structural Inspection

Weld Defect Inspection
Real-time detection and analysis of welding defects through non-destructive testing

Material Defect Inspection
Inspection of material composition and mechanical properties to identify defective items

Quality Documentation Review
Digitalized quality documents for integrated management and review


Assembly Inspection

Assembly Procedure Documentation
Digitalized assembly workflows with automated creation and distribution of work instructions

Non-Conformance Detection During Assembly
Real-time detection and correction of assembly non-conformances

Record Maintenance
Automatic storage of all assembly inspection records for future analysis


Commissioning Inspection

Specialized Personnel Deployment
Optimal allocation of personnel needed for commissioning inspections

Training Programs
Efficient training for commissioning inspection personnel

Final Inspection and Testing
Thorough inspection of final product performance with recorded results

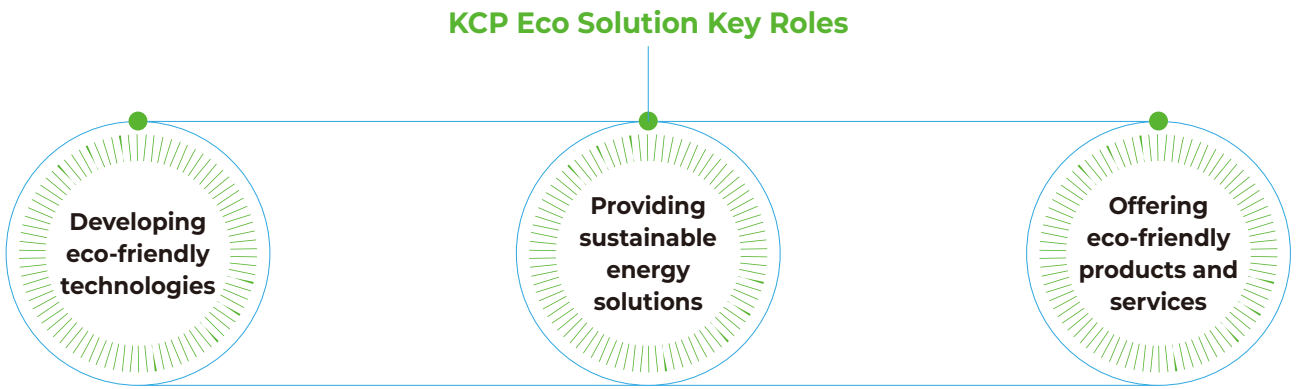
Sustainable Innovation

INNOVATING FOR A SUSTAINABLE FUTURE

Our goal is to achieve innovation in an environmentally conscious manner, maintaining quality and efficiency while minimizing environmental impact. We aim to provide solutions that create a cleaner, safer world for future generations. Through innovative technologies and sustainable strategies, we grow with our customers and drive positive change. Sustainable innovation is our core value, enhancing your business's value.

KCP ECO SOLUTION

KCP has established the "Eco Solution Department" to lead in eco-friendly future industries. KCP Eco Solution focuses on environmental protection and sustainable development by developing and implementing innovative green solutions.



Sustainable Innovation

ISO 14001

The Environmental Management System (EMS) certification established by the International Organization for Standardization (ISO) is a global certification that demonstrates a company's systematic and effective environmental management practices. Through this certification, KCP strengthens its management policies focused on environmental protection and resource conservation, and accelerates its innovative activities for a sustainable future.

ECO Technology

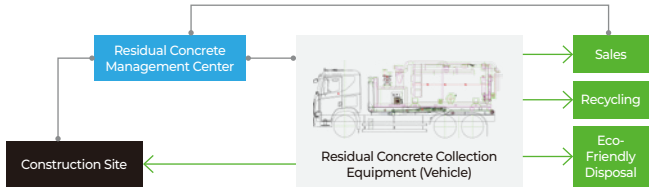
Environmental Technology Patents

KCP leads in developing eco-friendly products through patent registration, enhancing global market competitiveness. We continue to innovate environmentally conscious technologies to build a better world.

ECO Innovation

KCP Concrete Residue Recovery Vehicle

Designed to efficiently recover and reuse leftover concrete from construction sites, this vehicle is developed for environmental protection and cost reduction, with ongoing collaboration with the government for commercialization.



ECO Product

KCP Lithium Electric Forklifts/Electric Pallet Trucks

Lithium electric forklifts offer eco-friendly and efficient solutions with fast charging, safe long battery life, and zero emissions, making them the top choice for industrial environments.

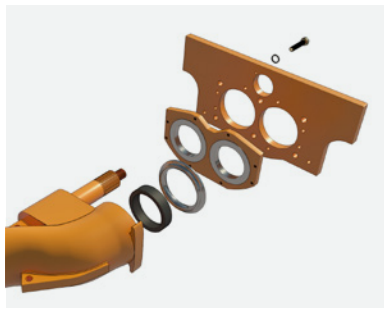
Proactive and Systematic Service

KCP is researching proactive and systematic service systems to provide customized services to customers worldwide. We offer technical consultation, maintenance training, operational expertise, and reliable genuine accessories and parts, striving to reduce maintenance costs through high-quality standardization and design improvements.

Services

KCP provides rapid maintenance services, professional consultation and technical support, and reliable supply of genuine accessories and parts to over 120 countries worldwide. KCP is always committed to keeping customers' equipment in optimal condition.

Genuine Parts



KCP's genuine parts ensure the quality of equipment and maximize performance and operational efficiency. We supply reliable parts to maintain consistent performance at all job sites.

Training Programs

KCP's skilled engineers offer in-depth training on equipment functions and maintenance techniques, providing systematic education and training programs to cultivate professional technicians and skilled equipment operators.

KCP Members

KCP Members is a customer service program for KCP equipment owners and dealers. We are constantly striving to maintain superior performance and profitability at your industrial sites.

KCP Regular Inspection Certification

What is the Regular Inspection Certification?

In accordance with KCP's warranty policy, a reliable company (KMI) conducts regular inspections of concrete pump trucks through non-destructive testing and issues a verification certificate. A **regular inspection completion sticker*** is attached to the equipment after reinforcement and repair work is completed.

How to Confirm the Regular Inspection Certification

* The inspection results (non-destructive testing report) can be confirmed via the QR code on the sticker attached to the truck door and outrigger.

Regular Inspection Certification Process

KCP conducts the regular inspection certification process to enhance the safety of all models.

· New vehicles are released with a safety inspection sticker attached after completion.
· Regular inspections are conducted for aging equipment at 1 year, 2 years, and 3 years.
 - Precision diagnosis and repair work are performed after the concrete pump truck is brought into the KCP factory.

Precision Diagnosis
- ▸ Checking for cracks in the pump truck structure
- ▸ Precise non-destructive testing by KMI

Repair Work
- ▸ Repair and reinforcement welding of the relevant parts
- ▸ Safety re-verification of the welds after repair and reinforcement are completed

KMI Certifications
- Non-Destructive Testing Registration Certificate
- Korea Gas Safety Corporation External Quality Control Registration Certificate
- Korea Register of Shipping Non-Destructive Testing Company Registration Certificate
- Permit for Mobile Use of Radiation-Generating Devices
- Permit for Mobile Use of Radioactive Isotopes
- DNVGL (Norwegian Register of Shipping) Registration Certificate
- Dangerous Goods Tank Safety Performance Tester Registration Certificate
- Construction Technology Service Business Registration Certificate
- Doosan Heavy Industries & Construction Partner for External Non-Destructive Testing
- Engineering Business Registration Certificate

PRODUCT PORTFOLIO

Concrete Pumps

EFFICIENT CONCRETE PUMPING FOR EVERY PROJECT

KCP's Concrete Pumps division offers a wide range of essential concrete equipment for construction sites. Leveraging top-notch technology and innovation, KCP meets customer demands by providing equipment optimized for various site environments.

Main Pump	Remote Control	Steel	Control Valve
Rexroth Bosch Group	HBC radiomatic	STRENX® PERFORMANCE STEEL	HAWE HYDRAULIK

Concrete Pumps

Boom Pumps

KCP's Boom Pumps are known for their exceptional performance and reliability. They offer a range of models that ensure quick and precise concrete placement in any site environment. The latest technology is applied to maximize operational efficiency.

KCP20RZ

KCP27ZX

KCP31ZXT5

Concrete Pumps

Boom Pumps

Concrete Pumps

Boom Pumps

KCP46ZX5

KCP48ZX5

Concrete Pumps

Boom Pumps

KCP56ZX6

KCP60ZX5

KCP61ZX6

KCP65ZX6 (Korean Model)

KCP65ZS6

KCP68ZX6 (Korean Model)

Concrete Pumps

Boom Pumps

In addition, customized models for different countries are also available.

AVAILABLE MOUNTING BRANDS

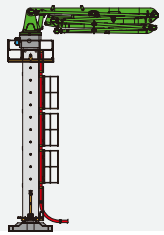
Available for MERCEDES-BENZ, VOLVO, MAN, IVECO, DAF, MAZ, ASTRA, SCANIA, MR MACK, AMERICAN LAFRANCE, HYUNDAI, and DAEWOO trucks.

Concrete Pumps

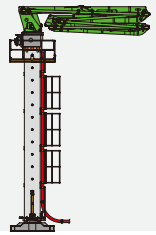
Placing Boom

The placing boom is equipment that can flexibly respond to complex structures or challenging work environments. It allows for precise concrete placement by adjusting to various angles and provides the optimal solution for multipurpose use.

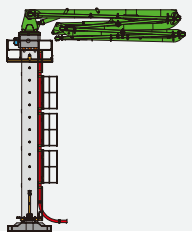
KB-M24Z



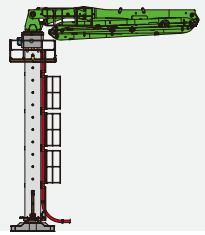
KB-M27Z



KB-M28Z



KB-M32R



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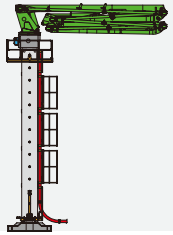

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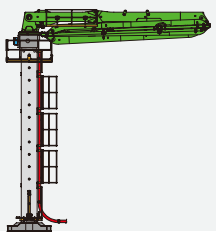

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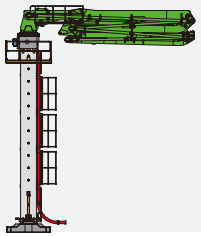

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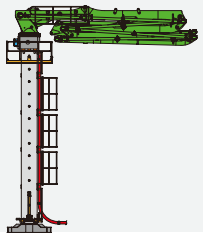

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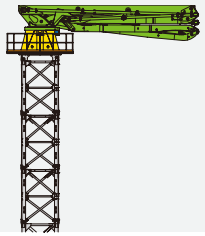
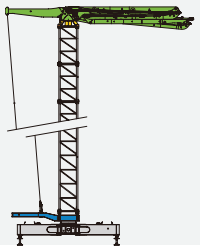


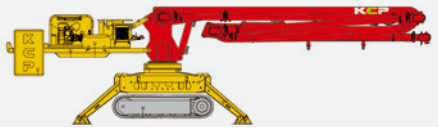
KB-M52RZ

KB-M56RZ

KB-M60RZ



KS-M15Z



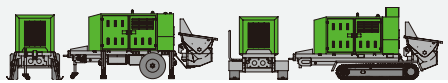
Concrete Pumps

Trailer Pump

KCP's trailer pump combines mobility and flexibility, making it effective in delivering concrete even in tight spaces. It is easy to install and move, making it suitable for various work environments.

KTP0705

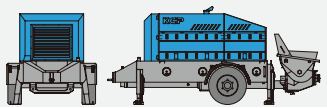
KTP0706 / KTP0706T



KTP1310

KTP1714 / KTP1714T

KTP2210



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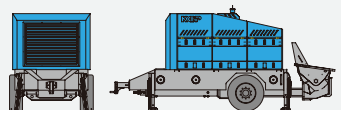
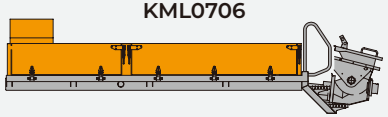


Line Pump

The line pump is optimized for long-distance concrete transportation, reliably delivering concrete through hoses. It allows for quick operations even in high-rise buildings or remote sites.

KML0706



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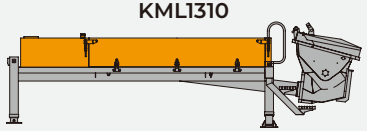

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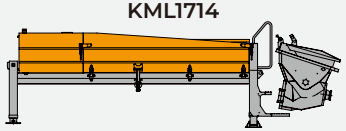
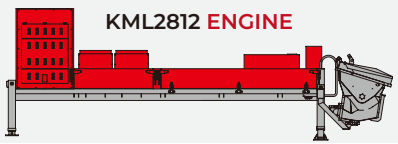


KML2812 ENGINE



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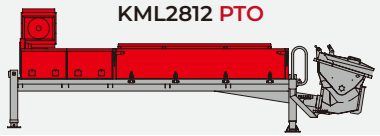


Special Vehicle

ADVANCED TECHNOLOGY AND BOLD INNOVATION

KCP's Specialty Vehicles division provides special vehicles necessary for various industrial sites, maximizing operational efficiency. High-quality high-pressure water spray trucks, combined suction trucks, and more offer solutions that exceed customer expectations. KCP is a reliable partner that guarantees the best results.

Special Vehicle

High-Pressure Water Spray Truck

This vehicle is designed for multiple purposes, such as spraying water to prevent dust on regular roads, landscaping, washing signs or landmarks, and tunnel cleaning.

Model : KWS075 / KWS12 / KWS16

Combination Sewer Cleaner

This highly efficient combination sewer cleaner is designed to perform two types of dredging tasks simultaneously: sewer pipe cleaning using a high-pressure pump powered by the vehicle's engine and total PTO, and sewer sludge suction using a vacuum pump. Additionally, internationally, the dual functions of the combination jet-vac truck have proven effective for hydro excavation work, making it widely used.

Model : KSC0403 / KSC0705 / KSC0905 / KSC1306

Hydro Excavation Function

Recently, hydro excavation using combination sewer cleaners has gained popularity overseas due to its greater efficiency, effectiveness, and safety compared to traditional excavation methods. The KCP combination sewer cleaner can perform excavation work without damaging buried gas pipes, cables, or other utilities.

Special Vehicle

Dry-Wet Vacuum Truck

This vehicle is capable of vacuuming up both dry materials, such as dust, slag, metal powder, and quicklime generated at steel mills and industrial sites, as well as wet materials like sludge, sewage, and waste oil residue. The vacuumed dry materials can be discharged into a silo at a high position to prevent dust from scattering during dumping.

Model : KMV06 / KMV12 / KMV15 / KMV18

Wet Vacuum (Pressure Discharge) Truck

This vehicle is designed to powerfully vacuum wet materials, such as high-density sludge or accumulated silt in underground pits, from depths exceeding 40 meters in steel mills or industrial sites.

Model : KWV09 / KWV12 / KWV15

Jet Washer

Equipped with a high-pressure water jet pump, this vehicle can perform a variety of tasks, such as sewer pipe cleaning, breaking down hardened sludge, removing stubborn grime or scale, and even general water spraying. A separate low-pressure pump is also included for water spraying on roads.

Model : KJW06 / KJW09 / KJW15

Special Vehicle

Load Lugger

This vehicle is robustly built to safely and conveniently handle heavy materials. It is designed to load and unload boxes containing industrial waste or iron scrap generated at steel mills and industrial sites, as well as transport them to storage yards for dumping.

Model : KSL6

Vacuum Truck

This equipment is specifically designed to collect sewage and wastewater generated at industrial sites, particularly chemical plants, as well as sludge and other residues from livestock farms. It is engineered for safe operation, allowing a single operator to control the vacuum suction and pressure discharge functions.

Model : KVL085 / KVL150 / KVL235

Pressure Discharge Tanker

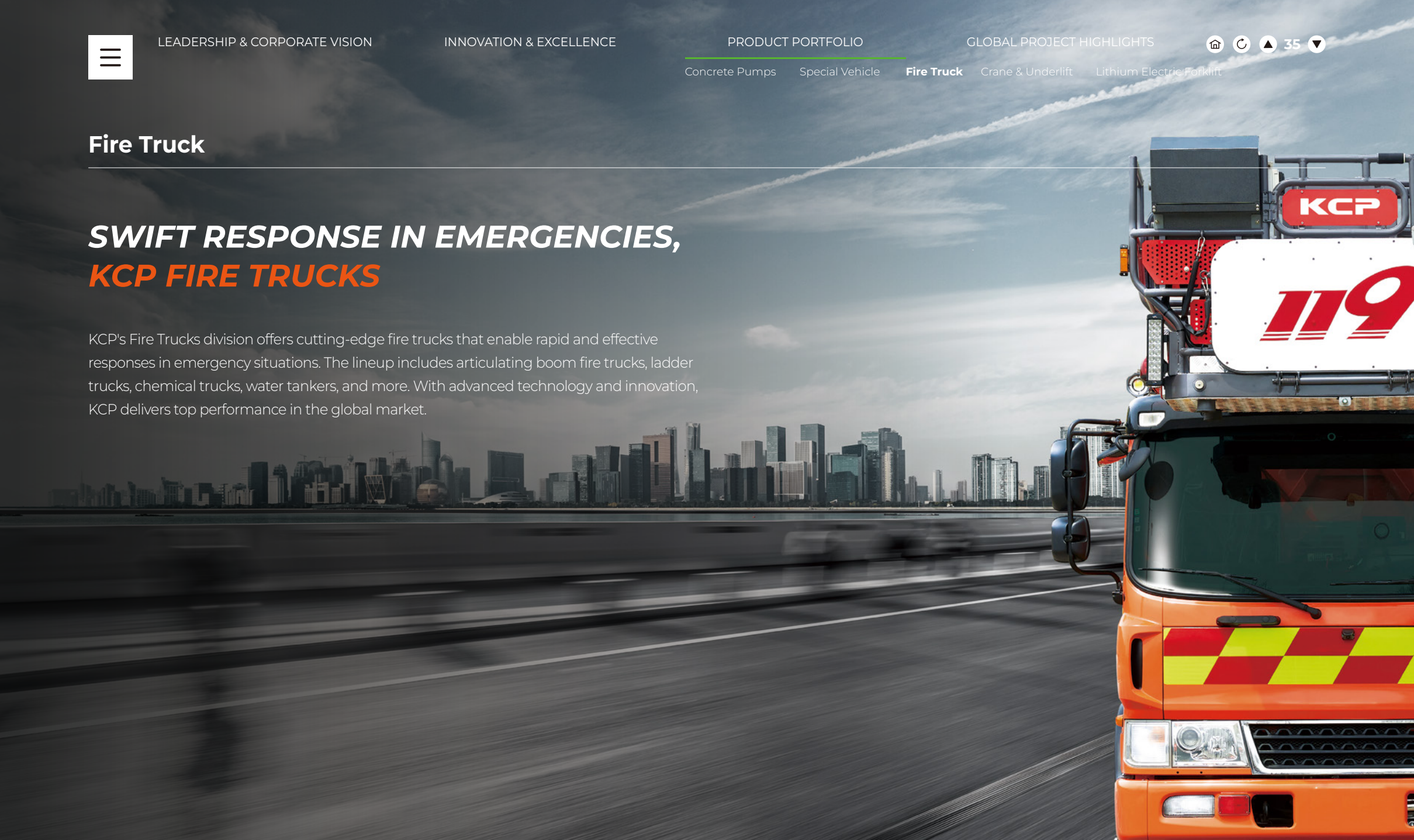
Due to the spherical structure of the tank, this vehicle is compact yet highly efficient, with a large loading capacity. It is designed to load powdered materials generated at industrial sites and steel mills and transport them to storage silos, where they are discharged into the silo via compressed air.

Model : KTL20 / KTL27

Fire Truck

SWIFT RESPONSE IN EMERGENCIES, KCP FIRE TRUCKS

KCP's Fire Trucks division offers cutting-edge fire trucks that enable rapid and effective responses in emergency situations. The lineup includes articulating boom fire trucks, ladder trucks, chemical trucks, water tankers, and more. With advanced technology and innovation, KCP delivers top performance in the global market.



Fire Truck

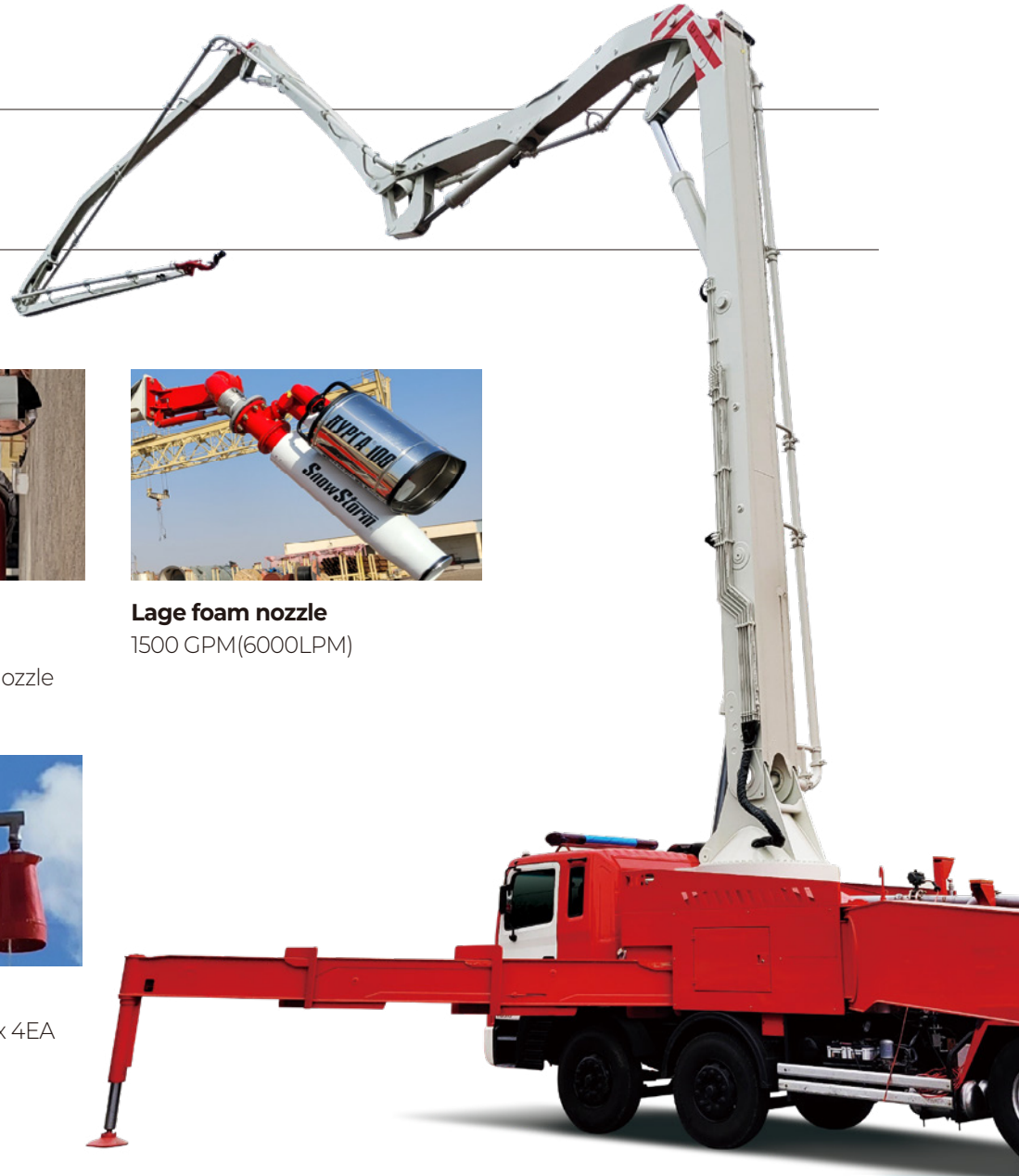
Articulating Boom Fire Truck

The Articulating Boom Fire Truck, developed based on the KCP concrete pump truck, performs effective firefighting operations even in high-rise or hard-to-reach areas through its boom, which can bend and rotate at various angles. Its powerful pump system disperses water or fire retardants through the nozzle at the boom's end, providing enhanced safety by allowing firefighters to operate remotely without boarding the truck.

Boom Height	60 m
Waterproof distance	120 m
Water pump	1500 GPM(6000LPM)
Foam auto proportioning system	4200 LPM, 1~6%
Electric master nozzle	1250 GPM(4800LPM) Fog and Sraight stream nozzle
Foam Tube	1250 GPM(4800LPM)
Lage foam nozzle	1500 GPM(6000LPM)
Foam generator	Flow rate foam : 360LPM x 4EA

* The KCP KAF Series features booms ranging from 30 to 70 meters and can be mounted on any truck.

Fire Truck



KAF60 Foam Fire Truck (Articulating Boom Fire Truck)

Special Foam Nozzle

Electric master nozzle
1250 GPM(4800LPM)
Fog and Sraight stream nozzle
(Standard installation)

Lage foam nozzle
1500 GPM(6000LPM)

Foam generator
Flow rate foam : 360LPM x 4EA

Fire Truck

Aerial Ladder Truck

The Aerial ladder truck is designed for firefighting and rescue operations in high-rise buildings, equipped with a long ladder that can reach elevated floors. A nozzle at the ladder's end enables water discharge, and a rescue bucket allows firefighters to conduct rescue activities at high elevations.

Model : KORAL035 / KORAL046 / KORAL52

Fire Truck

Pump Truck

Water is discharged through fire hoses powered by the vehicle's built-in pump. Equipped with a water tank, fire hoses, and a pump, this vehicle is widely used for general firefighting.

Model : KP15 / KP30 / KP45

Water Tank Truck

Often lacking its own pump, this vehicle is commonly used alongside pump trucks, especially in areas with limited water supply or during large-scale fire incidents.

Model : KWT45 / KWT60 / KWT120

Rescue Truck

Equipped with specialized rescue equipment—such as cutters, stretchers, and cranes—this vehicle supports rescue operations during traffic accidents or structural collapses.

Model : KR3 / KR7 / KR8

Pumper & Boom Rescue

This multipurpose fire truck combines the pumping capabilities of a standard fire truck with boom-assisted rescue functions, allowing it to respond effectively to various situations.

Model : KPB-H / KPB-L

Chemical Truck

Equipped with specialized fire suppressants for chemical fires, this vehicle can also respond to hazardous material spills and explosion incidents.

Model : KC5 / KC16

KCP, built on advanced technology and innovation, offers a robust lineup of fire trucks poised to enter the global market with top-tier performance. In the future, KCP plans to produce specialty vehicles, including suppression trucks and anti-terror units, to meet diverse emergency needs. Through these specialized vehicles, KCP aims to support safer and more efficient response efforts worldwide.

Crane & Underlift

SAFE RECOVERY SOLUTIONS

The Crane & Underlift Division offers high-performance crane and underlift equipment specifically optimized for recovery operations. Our equipment combines robust stability and powerful performance, enabling safe and efficient handling in various scenarios, including vehicle recovery, obstacle removal, and rescue operations. Designed with KCP's advanced technology, our recovery vehicles provide rapid response capabilities in urgent situations, delivering tailored solutions to meet diverse customer needs.

Crane & Underlift

Boom Underlift

KCP's Boom Underlift is optimized for vehicle recovery and rescue operations, designed to safely move structures using a crane. Its extended boom structure enables work at elevated positions while providing exceptional stability and powerful performance. Built with KCP's latest technology, the Boom Underlift ensures swift and safe operation.

KR-10T/KR-11T

KR-30T

Heavy Underlift

KCP's Heavy-Duty Underlift Vehicle is specialized equipment designed for the recovery and rescue of medium to large vehicles. It offers robust load capacity and exceptional stability, allowing for the safe movement of structures. Its efficient design enables rapid response, and this vehicle, built with KCP's exceptional technology, is a reliable partner in recovery operations.

KR-200

Lithium Electric Forklift

EMPOWERING THE FUTURE WITH ECO-FRIENDLY TECHNOLOGY

KCP's Lithium Electric Forklift division provides high performance based on powerful lithium battery technology while being environmentally friendly. With excellent energy efficiency, low maintenance costs, and minimal carbon emissions, KCP contributes to environmental protection while enhancing productivity and environmental responsibility at industrial sites.

Lithium Electric Forklifts

KCP's lithium electric forklifts combine eco-friendly technology with robust performance, making them essential equipment in industrial sites. By reducing carbon emissions and maximizing energy efficiency, these forklifts lower maintenance costs and improve operational efficiency.

Reduced Maintenance Costs
- No need for distilled water or electrolyte refilling
- Nearly three times the lifespan of lead-acid batteries
- Significant reduction in fuel costs and other consumable expenses when replacing engine forklifts

Safety
- Protection against water and dust (IP54 rating)
- Safety verified through various tests, including impact, fire, and vibration tests
- Prevention of overheating, overcharging, and over-discharging through the Battery Management System (BMS)

Optimal Performance in Various Temperature Environments
- Operable in temperatures ranging from -40°C to 60°C
- Capable of charging and discharging even in low temperatures

5-Year, 10,000-Hour Warranty
- 5-year or 10,000-hour battery warranty (whichever comes first)
- Comprehensive service provided by KCP

ZERO Harmful Emissions
- No harmful gas emissions during charging and discharging
- Clean and healthy workplace

Short Charging Time (Full Charge in 2-3 Hours)
- Operable for 16 hours with a single battery (1-hour charge pattern after 4 hours of work)
- No need for additional batteries or spare equipment
- No need for separate charging or ventilation equipment

KCP Lithium Iron Phosphate Battery
- The lithium battery uses iron, making the raw material cost relatively low.
- It is the safest battery with high safety and no risk of explosion or fire.
- Long lifespan, beneficial for maintaining performance.


KFL 25


KFL 30


KFL 35


KFL 50


KRT 15


KPT 1.5T


KPT 2.0T


KPT 3.0T

GLOBAL PROJECT HIGHLIGHTS

Project 01. Kuwait Jaber Causeway

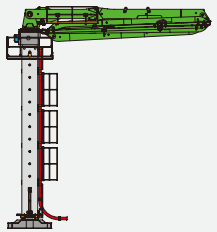
Project Summary

The Sheikh Jaber Causeway project involves the construction of a total length of 36.1 km (27.5 km offshore and 8.6 km onshore) bridge with 6 lanes in each direction (8 lanes including emergency lanes), artificial islands covering approximately 330,000 m² (one in the north and one in the south), and associated buildings.

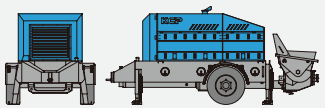
Contractor: Hyundai Engineering & Construction

KCP Equipment Deployment Status

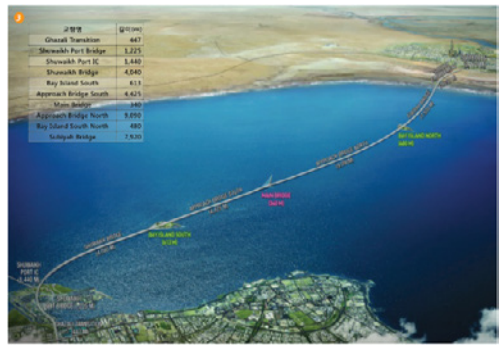
6 **Placing Booms**
KB-M36R



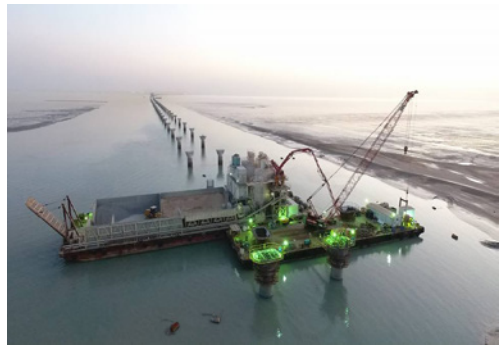
10 **Trailer Pumps**
KTP2210



Sheikh Jaber Al-Ahmad Al-Sabah Causeway



Job site



Project 02. USA Galena Greek Bridge

Project Summary

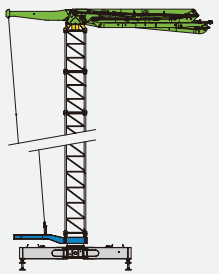
The Galena Creek Bridge, reaching a height of approximately 90 meters, is the longest and highest bridge in Nevada. In this project, a 100-meter tower master was used to install the world's longest KCP 60-meter placing boom.

Contractor: CC Myers Inc.

KCP Equipment Deployment Status

1 **Boom Pumps**
KCP65ZS6

1 **Placing Booms**
KB-M60RZ



Galena Creek Bridge

Job site

Project 03. Korea Samcheok LNG Tank No. 7

Project Summary

두산건설

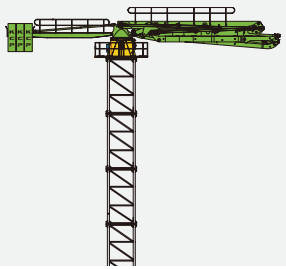
The Samcheok Production Base is a construction project on a 980,000 m² site in Hosan-ri, Wondeok-eup, Samcheok City, Gangwon Province. Doosan Heavy Industries deployed eight KCP 52-meter placing booms, the longest in Korea, for the construction of seven LNG storage tanks with a capacity of 200,000 m³ each.

Contractor: Doosan Engineering & Construction

KCP Equipment Deployment Status

KCP

8 Placing Booms
KB-M52RZ



Korea Samcheok LNG 7 Tank

Job site

Project 04. Malaysia RGT-2 LNG Tank

Project Summary

SAMSUNG SAMSUNG C&T

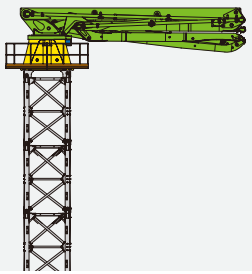
The Regasification Terminal (RGT-2) is part of Malaysia's development plan for a reliable natural gas supply. It is scheduled to supply gas to nearby refinery and petrochemical integration (RAPID), the Penang Power Plant (PCP), and the Peninsula Gas Utilization (PGU) grid. The LNG tanks will have a capacity of 5 million tons annually and include two LNG storage tanks of 200,000 m^3 each.

Contractor: Samsung Engineering

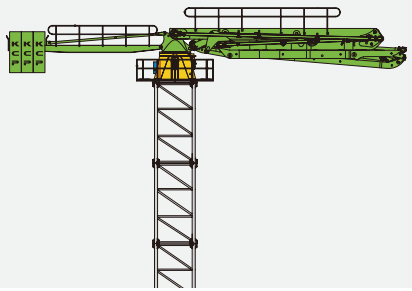
KCP Equipment Deployment Status

KCP

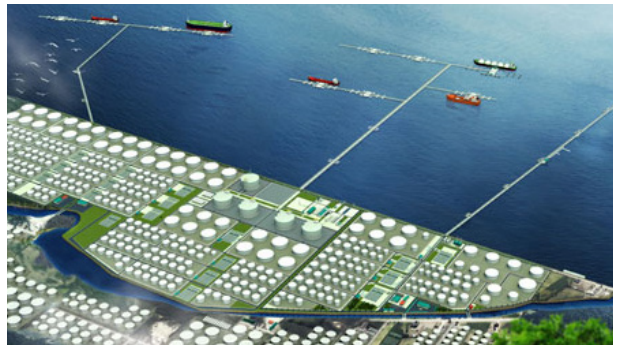
3 Placing Booms KB-M42RZ



1 Placing Booms KB-M52RZ



Malaysia RGT-2 LNG Terminal



Job site

Project 05. Korea Lotte World Tower

Project Summary

The 123-story, 554.5-meter (1,819 ft) tall supertall skyscraper project was publicly unveiled on April 3, 2017. It is currently the tallest building in the OECD and the fifth tallest building in the world. KCP supplied 14 units of 55-meter Boom Pumps for the foundation work.

Contractor: Lotte Engineering & Construction

KCP Equipment Deployment Status

14 Boom Pumps
KCP55ZX6170

Korea Lotte World Tower

Job site

Project 06. Pakistan Gulpur Hydropower

Project Summary

The Gulphur Hydroelectric Power Plant is a 102 MW flow-type hydroelectric power plant with a concrete gravity dam measuring 66.6 meters in height and 205 meters in length, and two generating tunnels each 150 meters long and 5.0 meters in diameter. KCP provided a 52-meter concrete pump equipped with a shotcrete system, capable of both concrete pumping and shotcrete work.

Contractor: Daelim Industrial

KCP Equipment Deployment Status

1 **Boom Pumps**
KCP52ZX6

Pakistan Gulpur Hydropower

Job site

Project 07. Bangladesh Rooppur Nuclear Power

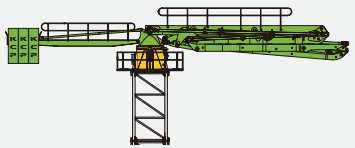
Project Summary

The Rooppur Nuclear Power Plant is a 2.4 GW Pressurized Water Reactor (PWR) facility being constructed east of the Ganges River in the Pabna region of Bangladesh, with support from Russia. It is Bangladesh's first nuclear power plant.

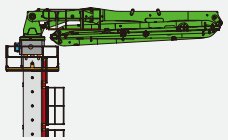
Contractor: Bangladesh Atomic Energy Commission / Russian Nuclear Corporation "Rosatom" Technical Support

KCP Equipment Deployment Status

12 Placing Booms KB-M52RZ

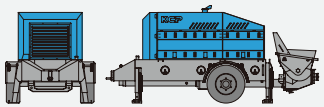


4 Placing Booms KB-M32R



4 Boom Pumps KCP63ZX6170

6 Trailer Pumps KTP2210



Bangladesh Rooppur Nuclear Power

Job site

Project 08. Al-Zour LNG Import Terminal

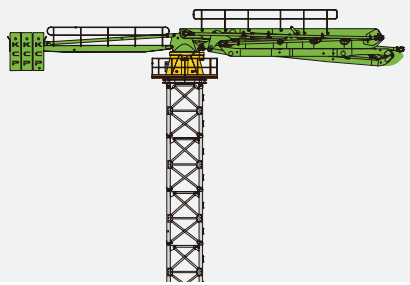
Project Summary

The Kuwait Al-Zour LNG Terminal project is the largest LNG tank construction project in the world, involving the construction of eight LNG storage tanks with a capacity of 225,000 m^3 each on a reclaimed land site in the Al-Zour area, 90 km south of Kuwait City.

Contractor: Hyundai Engineering & Construction

KCP Equipment Deployment Status

9 **Placing Booms**
KB-M56RZ



1 **Boom Pumps**
KCP75ZS5

Al-Zour LNG Import Terminal

Job site

Project 09. Qatar LNG NFXP EPC-2

Project Summary

SAMSUNG C&T

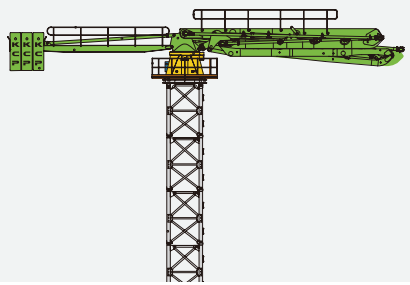
Samsung C&T Construction Division has won a solo bid for the Qatar LNG export terminal construction project, worth a total of 1.85 trillion won. This project includes the deployment of eight KCP placing booms and five trailer pumps.

Contractor: Samsung Engineering

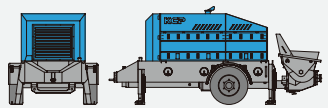
KCP Equipment Deployment Status

KCP

8 Placing Booms
KB-M56RZ



5 Trailer Pumps
KTP2210



Malaysia RGT-2 LNG Terminal

Job site

KCP

Disclaimer

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- The colors of the photos included in this brochure may differ slightly from the actual equipment due to variations in web posting and printing processes.