WE ARE CREATING A BETTER KCP THROUGH INNOVATION AND CHALLENGES





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About KCP CO., LTD.



KCP Co., Ltd. possesses design and manufacturing technology for concrete pumps, construction machinery, and special-purpose vehicles, and has simplified and lightweight structures to provide excellent durability and efficiency. In addition, it is recognized by consumers as its maintenance costs are economical and its failure rate is low.

Currently, KCP Co., Ltd. is actively exporting its products to over 50 countries around the world, including the United States, Canada, Europe, Australia, Russia, Saudi Arabia, Japan, and the Philippines.

Company Profile

Management Policy

 Company Name
 Establishment Year
 CEO

 KCP Co., Ltd
 2002
 Yun Young Gon

 Production Capacity
 No. of Employees
 Domestic Market Share

 800 units per year
 210
 No. 1 Since 2010

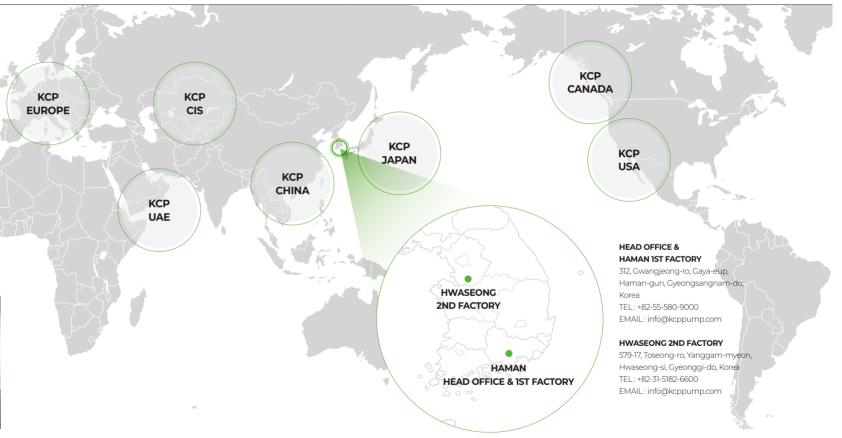


WE ARE CREATING A BETTER KCP THROUGH
INNOVATION AND CHALLENGES

Global

KCP CONCRETE PUMPS ARE LOVED IN OVER 50 COUNTRIES





KCP CANADA

201-5769 Production way, Langley, B.C. Canada, V3A 4N5

VCD LICA

KCP America INC. 2820 N Lamb Blvd, Las Vegas, NV, 89115 USA

VCD EUDOD

IZ-NÖ Süd, Strasse 2b, Objekt M10B, 2351 Wiener Neudorf, Austria

KCP C

100084 Tashkent, Republic of Uzbekistan, Amir Temur Avenue, International Business Center 107-B

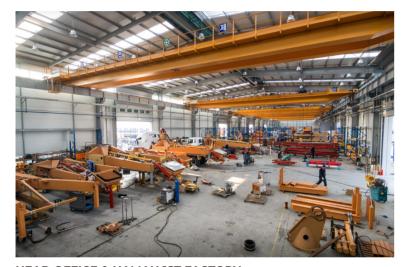
KCP CHINA

Korea park service center 205 room, Economic development zone, Yancheng city, Jiangsu province, 224007, China

KCP JAPAN

260-0044 Fratsu-K103, 2-21-1 Matsunami, Chuuouku, Chibashi, Chibaken, Japan

Facility



HEAD OFFICE & HAMAN 1ST FACTORY



R&D Center (Haman / Hwaseong / Daegeon)



Test Center (Haman / Hwaseong)



HWASEONG 2ND FACTORY



Service Center (Haman / Hwaseong)



Overseas Service Team

Certification



A company that strengthens its own growth capabilities, secures future growth engines and competitive advantages through continuous innovation, and expands market dominance by competing, trading, and cooperating with global companies in markets with high growth potential based on independence in business relationships.



Domestic companies selected by the Public Procurement Service to support entry into overseas procurement markets in accordance with Article 3-8 of the Procurement Business Act.

* G-PASS: Government Performance ASSured



The letters 'CE' appear on many products traded on the extended Single Market in the European Economic Area (EEA). They signify that products sold in the EEA have been assessed to meet high safety, health, and environmental protection requirements.

ISO 9001, ISO 14001

ISO 9001 is an international standard that specifies the requirements for a quality management system applicable to all industrial sectors and activities. ISO 9001 certification is a system in which a third party objectively certifies that the product or service realization system meets specified requirements and is operating effectively.

ISO 14001 is an international standard for environmental management systems that can be applied to all industrial sectors and activities. Companies can efficiently manage environmental risks by systematically identifying, evaluating, managing, and improving environmental aspects through an environmental management system.



Hold more than 30 invention patents

Ultimate performance

We build a pump that makes your life easier

KCP Concrete Pumps are the most user-friendly on the market

KCP Open-Loop Circuit System generates less heat on hydraulic oil, making it easy to maintain and offering long service life

KCP Boom Structures feature fewer curves in the boom system, resulting in less resistance during pumping



Best design/ production technology



No. 1 Concrete equipment manufacturer in Korea



High fuel efficiency (Save up to 20%)



Exports to more than 50 countries around the world



World's first

KCP Co., Ltd. manufactured the world's first 75m concrete pumps

We developed the world's first 75m large concrete pumps to meet the need for concrete pouring at Korea's harsh, large-scale construction sites.

In Korea, large concrete pumps over 50m long account for more than 50% of the total 7,000 units, and KCP Co., Ltd. is far ahead in terms of production and operation know-how.

In addition, our market share in North America is rising rapidly based on our accumulated production experience and excellent technology.



Lotte World Tower

Large-scale pouring at the Lotte World Tower construction site with a height of 554.5m



LNG production base

Large-scale pouring at a construction site on an 890,000 m² site in Dangjin, South Chungcheong Province







Placing boom

Safe and stable boom system

KCP's equipped booms are designed through rigorous testing to maximize the structural resistance and fatigue strength of each section. Therefore, concrete is delivered safely and stably, ensuring excellent reliability in work.



Optimized for any construction environment

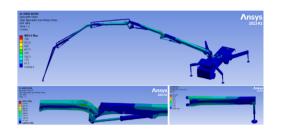
The operational versatility of the boom gives you the flexibility to quickly extend and position the boom perfectly on any construction site around the world.





Stiffness and lightweight

Through advanced design techniques and repeated simulations, the boom structure was analyzed and verified to achieve optimal rigidity and weight reduction. So it's built safer, stronger and lighter.





It is advantageous for long distance pouring



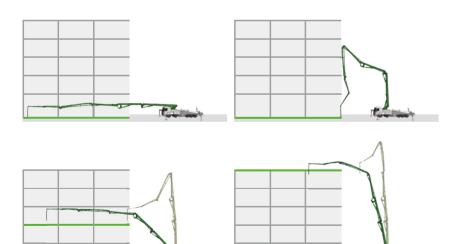
All of KCP's booms are manufactured using high-strength steel plates and steel from STRENX $^{\circ}$ and POSCO Co., Ltd.

Folding system

The section's structural design allows the boom to extend longer and faster, ensures perfect positioning, and is easy to operate, easy to operate. Among the three types of booms, 4, 5, and 6 Section, you can increase economic efficiency by selecting the type that is suitable for the actual work site.

Z type

The Z type fold boom is basic for high-rise and low-rise, long-distance and short-distance pouring, and can even enter the interior of a building, allowing optimal use of space in various work areas.



4 Section

K20, K24, K27



5 Section

K31, K37, K41, K42, K43, K46, K48, K75



6 Section

K52, K56, K61, K65, K70



Folding system

RZ type

The boom of the RZ type fold is manufactured in 4 sections and is designed to be more compact than the Z type, optimizing it for construction sites with limited space. This means equipment can be easily inserted into buildings for installation, and extending the boom into the building interior is facilitated at job sites where the building and equipment are close.

Therefore, utilizing both Z type and RZ type simultaneously enhances efficiency and operationality across a wider range of construction sites, providing significant benefits to businesses.





4 Section

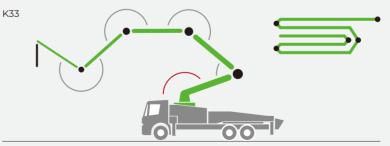
K20, K24

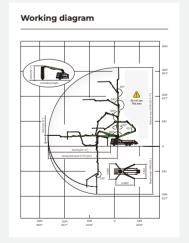


Overhead RZ type

The overhead RZ type can extend the boom into the interior of a building with just the operation of the first boom, as it operates 90 degrees forward and 70 degrees backward. This enhances user convenience and reduces work time.

5 Section





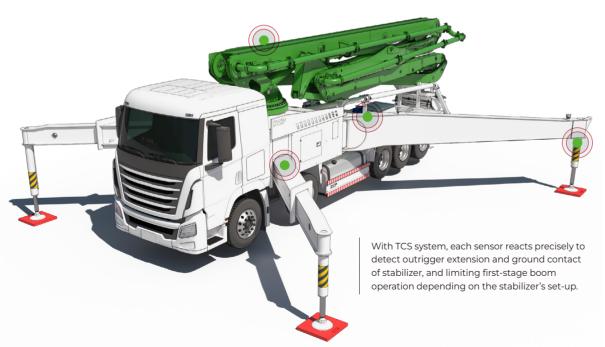
Stabilization

All of KCP's outriggers are designed to adapt effectively to various work environments, including narrow spaces and slopes. They expand quickly and efficiently, reducing overall work time. Additionally, it features a warning and boom operation limit function (TCS*) to prevent tipping over, ensuring safe operation.

* TCS: Optional specifications (Equipped on all models for European markets)







TCS (Turning Control System)

 ϵ

TCS (Turning Control System) is KCP's specialized safety device designed to prevent accidents that may occur by unproper set-up of machine on job sites. It alerts the operator with an alarm if the outriggers are not fully extended or the stabilizers are not making the ground contact.

Key features of TCS

- · Outrigger extension detection
- Ground detection
- · Restrictions on boom operation
- · Limit dangerous turning angles
- · Hopper cleaning mode
- Hopper operation limits
- · Sensor failure notification



Main screen

You can quickly check the entire system thanks to the dashboard



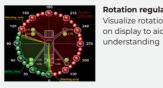
System management

User can set



System error and alarm list Identify problems by checking

errors and alarms



Rotation regulation display Visualize rotation regulations on display to aid



Outrigger display Outrigger extension and jack seating status can be checked

Outrigger types

The stabilization system is equipped with eight types of outriggers in the optimal combination of front and rear depending on the size of the boom.

Front Outrigger

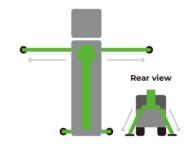
Available in six types: horizontal (single), telescopic X style (single, double, triple), and telescopic swing (double, triple).

Rear Outrigger

Available in three types: diagonal, horizontal, and swing.

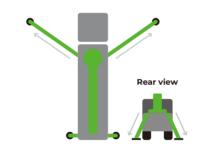
Front: 1 horizontal T style Rear: 1 diagonal A style

K20



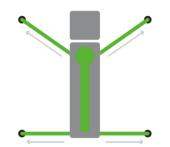
Front: 1 telescopic X style Rear: 1 diagonal A style

K24



Front: 1 telescopic X style Rear: 1 horizontal T style

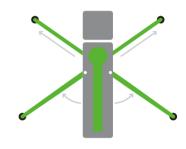
K27, K31



Front: 1 telescopic X style

Rear : Swing

K37, K41, K43



Front: 2 telescopic X style Rear: Swing

K46, K48, K52, K56

Front: 3 telescopic X style Rear: Swing

K61

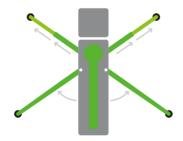
Front: 2 telescopic Swing Rear: Swing

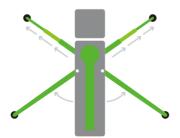
K65

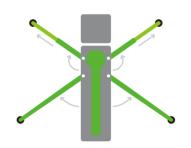


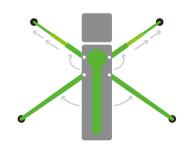
K70, K75

Rear : Swing





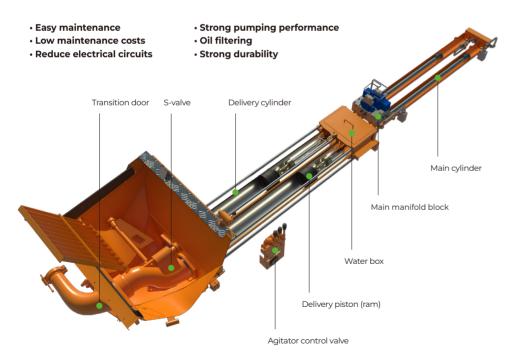




Pumping unit

Open loop hydraulic system

The open hydraulic system has a simple structure, making it easy to maintain, and the PTO power transmission is good, so it is very efficient as it pumps various types of concrete strongly even at low RPM. Additionally, power efficiency generates less heat and reduces wear, extending lifespan.





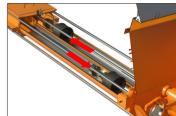
Main manifold block

The configuration is simplified and designed as a single block, which reduces breakdowns and makes maintenance, pressure setting, and emergency measures easy.



S-valve

It is designed to withstand strong pressure and friction, helping to reduce maintenance costs by minimizing wear on various types durability and performance to of concrete.



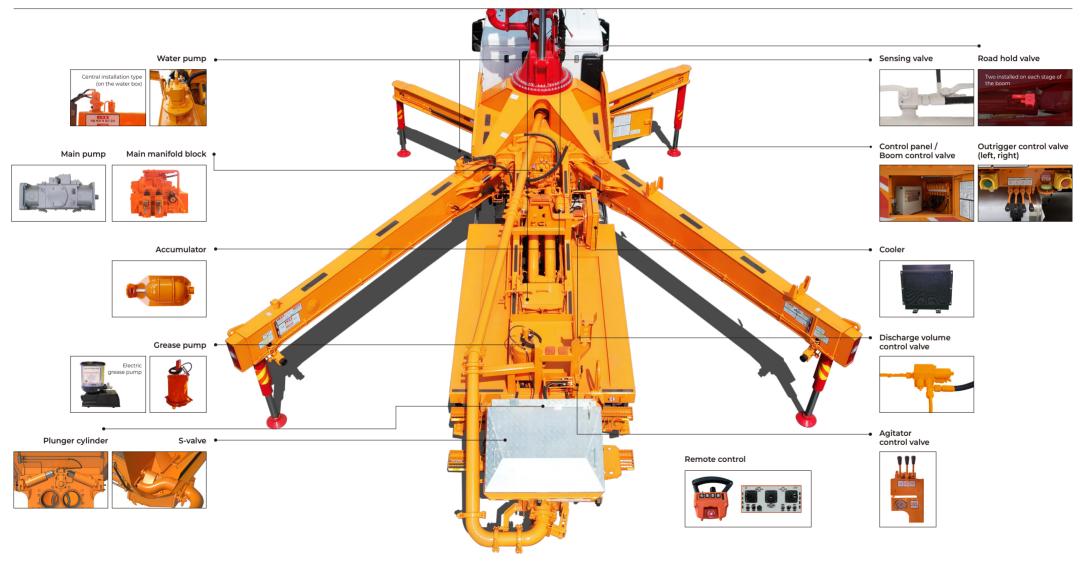
Piston (ram)

The precision-machined piston reduces vibration, keeps the boom still, and has good continuously and effectively compress and transport concrete for smooth discharge.

Specification

Max. aggregate size	40mm						
Cycling system	Hydraulic with manual overrides						
Hydraulic pump	Rexroth-A11VLO190	Rexroth-A11VLO190	Rexroth-A11VLO260	Rexroth-A20VLO190			
S-valve	Ø200ר180						
Hopper capacity	0.6m³						
Concrete pressure	Max. 80bar	Max. 69bar	Max. 63bar	Max. 87bar			
Stroke per minute	29	34	34	33			
Concrete cylinder	Ø230×1,100mm	Ø230×1,400mm	Ø230×1,800mm	Ø230×2,100mm			
Maximum output	80m³/h	120m³/h	150m³/h	170m³/h			
Application (Model)	K19, K20	K24, K27	K30~K38	K40~K75			

Main composition



KCP20RZ









Boom Specifications

Vertical reach 19.4m
Horizontal reach 16m
Reach from front of truck 13m
Outrigger spread-front 3m
Outrigger spread-rear 2.6m
Total weight < 13ton

Pump Specifications

Maximum output 90m³/h
Stroke per minute 34
Concrete pressure Max. 80bar
Hydraulic pump Rexroth-A11VLO190

KCP24RZ









Boom Specifications

Vertical reach 23.3m
Horizontal reach 19.3m
Reach from front of truck 16.6m
Outrigger spread-front 4.8m
Outrigger spread-rear 2.7m
Total weight < 18ton

Pump Specifications

Maximum output 120m³/h
Stroke per minute 35
Concrete pressure Max. 80bar

Hydraulic pump Rexroth-A11VLO190

KCP27Z







Boom Specifications

Vertical reach 26.3m
Horizontal reach 22.3m
Reach from front of truck 19.4m
Outrigger spread-front 5.8m
Outrigger spread-rear 3.8m
Total weight < 18ton

Pump Specifications

 Maximum output
 120m³/h

 Stroke per minute
 34

 Concrete pressure
 Max. 80bar

 Hydraulic pump
 Rexroth-A1IVLO190

KCP31ZXT5









Boom Specifications

Vertical reach 30.6m
Horizontal reach 26.5m
Reach from front of truck 23.4m
Outrigger spread-front 5.7m
Outrigger spread-rear 5.6m
Total weight < 22ton

Pump Specifications

 Maximum output
 150m³/h

 Stroke per minute
 34

 Concrete pressure
 Max. 80bar

Hydraulic pump Rexroth-A11VLO260

KCP33RZ5



Overhead RZ type







Boom Specifications

 Vertical reach
 31.6m

 Horizontal reach
 27.7m

 Reach from front of truck
 25m

 Outrigger spread-front
 6.18m

 Outrigger spread-rear
 7.15m

 Total weight
 < 24ton</td>

Pump Specifications

Maximum output 150m³/h
Stroke per minute 34
Concrete pressure Max. 63bar
Hydraulic pump Rexroth-A11VLO260

KCP37ZX5





Boom Specifications

 Vertical reach
 36.3m

 Horizontal reach
 32.1m

 Reach from front of truck
 28.9m

 Outrigger spread-front
 5.7m

 Outrigger spread-rear
 6.7m

 Total weight
 < 24ton</td>

Pump Specifications

Maximum output 150m³/h
Stroke per minute 34
Concrete pressure Max. 80bar

Hydraulic pump Rexroth-A11VLO260

KCP41ZX5









Boom Specifications

 Vertical reach
 40.1m

 Horizontal reach
 36.3m

 Reach from front of truck
 33.2m

 Outrigger spread-front
 6.1m

 Outrigger spread-rear
 9.1m

 Total weight
 < 32ton</td>

Pump Specifications

 Maximum output
 170m³/h

 Stroke per minute
 33

 Concrete pressure
 Max. 80bar

 Hydraulic pump
 Rexroth-AIIVLO260

KCP43ZX5









Boom Specifications

Vertical reach 42.2m
Horizontal reach 37.2m
Reach from front of truck 33.8m
Outrigger spread-front 6.2m
Outrigger spread-rear 9.1m
Total weight < 32ton

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar

Hydraulic pump Rexroth-A20VLO190

KCP46ZX5





Boom Specifications

 Vertical reach
 45.1m

 Horizontal reach
 40.0m

 Reach from front of truck
 36.8m

 Outrigger spread-front
 8.8m

 Outrigger spread-rear
 9.5m

 Total weight
 < 35ton</td>

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar
Hydraulic pump Rexroth-A20VLO190

KCP48ZX5





Boom Specifications

Vertical reach 47.4m
Horizontal reach 43.3m
Reach from front of truck 40.4m
Outrigger spread-front 8.9m
Outrigger spread-rear 10.1m
Total weight < 37ton

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar

Hydraulic pump Rexroth-A20VLO190

KCP52ZX6









Boom Specifications

 Vertical reach
 51.2m

 Horizontal reach
 46m

 Reach from front of truck
 43m

 Outrigger spread-front
 9.1m

 Outrigger spread-rear
 10.6m

 Total weight
 < 40ton</td>

Pump Specifications

 Maximum output
 170m³/h

 Stroke per minute
 33

 Concrete pressure
 Max. 85bar

 Hydraulic pump
 Rexroth-A20VLO190

KCP56ZX6









Boom Specifications

Vertical reach 55.3m
Horizontal reach 50.1m
Reach from front of truck 47.1m
Outrigger spread-front 9.1m
Outrigger spread-rear 12.9m
Total weight < 43ton

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar

Hydraulic pump Rexroth-A20VLO190

KCP61ZX6





Boom Specifications

Vertical reach 60.3m

Horizontal reach 55m

Reach from front of truck 51.5m

Outrigger spread-front 10.4m

Outrigger spread-rear 13.2m

Total weight < 45ton

Pump Specifications

 Maximum output
 170m³/h

 Stroke per minute
 33

 Concrete pressure
 Max. 85bar

 Hydraulic pump
 Rexroth-A20VLO190

KCP65ZS6





Boom Specifications

Vertical reach 64.7m
Horizontal reach 59.2m
Reach from front of truck 55.6m
Outrigger spread-front 13.7m
Outrigger spread-rear 13.6m

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar

Hydraulic pump Rexroth-A20VLO190

KCP70ZS6









Boom Specifications

Vertical reach 68.5m
Horizontal reach 64.2m
Reach from front of truck 60.9m
Outrigger spread-front 13.7m
Outrigger spread-rear 13.6m

Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar
Hydraulic pump Rexroth-A20VLO190

KCP75ZS5









Boom Specifications

Vertical reach 75.1m
Horizontal reach 71.9m
Reach from front of truck 68.3m
Outrigger spread-front 15.1m
Outrigger spread-rear 15m

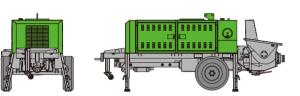
Pump Specifications

Maximum output 170m³/h
Stroke per minute 33
Concrete pressure Max. 85bar

Hydraulic pump Rexroth-A20VLO190

Trailer pumps

KTP0705



Maximum output 52m3/h Concrete Pressure 70bar Vertical distance 100m Horizontal distance 175m 2,980kg Weight

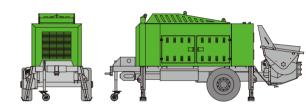
KTP0706 / KTP0706T



65m3/h Maximum Output Concrete Pressure 70bar Vertical distance 100m Horizontal distance 175m

Weight 3,900kg / 4,900kg (Crawler Type)

KTP1310



64 / 96m³/h (Piston/Rod) Maximum Output 126 / 83bar (Piston/Rod) Concrete Pressure 180 / 115m (Piston/Rod) Vertical distance Horizontal distance 315 / 205m (Piston/Rod) 5,380kg Weight

KTP1714 / KTP1714T

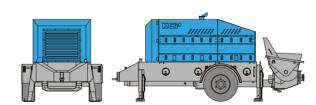
KTP1714

KTP1714T (Crawler Type)



Maximum Output 88 / 155m³/h (Piston/Rod) Concrete Pressure 172 / 95bar (Piston/Rod) Vertical distance 240 / 135m (Piston/Rod) Horizontal distance 425 / 235m (Piston/Rod) 7,000kg / 7,850kg (Crawler Type) Weight

KTP2210

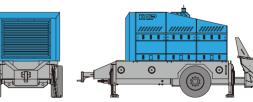


Maximum Output 67m³/h Concrete Pressure 224bar Vertical distance 315m Horizontal distance 550m Weight 7,540kg

KTP2812

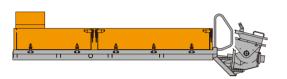


Maximum Output 105m³/h Concrete Pressure 225bar Vertical distance 320m Horizontal distance 560m Weight 10,500kg



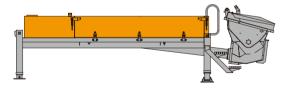
Line pumps

KML0706



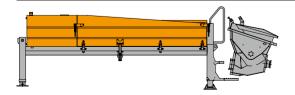
Maximum Output $63m^3/h$ Concrete Pressure87barVertical distance125mHorizontal distance215mWeight3,360kg

KML1310



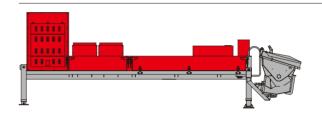
Maximum Output64m³/hConcrete Pressure126barVertical distance180mHorizontal distance315mWeight5,280kg

KML1714



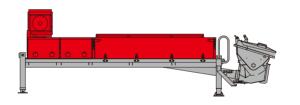
Maximum Output 95m³/h
Concrete Pressure 172bar
Vertical distance 245m
Horizontal distance 430m
Weight 5,380kg

KML2812 ENGINE



Maximum Output 112m³/h
Concrete Pressure 285bar
Vertical distance 405m
Horizontal distance 710m
Engine/HP CAT-C71/300HP
Weight 6,700kg

KML2812 PTO



Maximum Output 75m³/h
Concrete Pressure 285bar
Vertical distance 405m
Horizontal distance 710m
Weight 6,500kg

Placing booms

KB-M24Z

 Boom type
 4 Section Z type

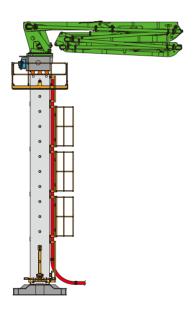
 Horizontal reach
 23.2m

 Depth reach
 19.9m

 Delivery line
 125mm

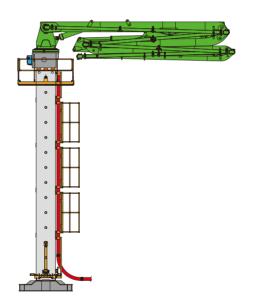
End hose length

KB-M27Z



Boom type 5 Section R, Z type
Horizontal reach 26.3m
Depth reach 23.5m
Delivery line 125mm
End hose length 3m

KB-M28Z



 Boom type
 4 Section Z type

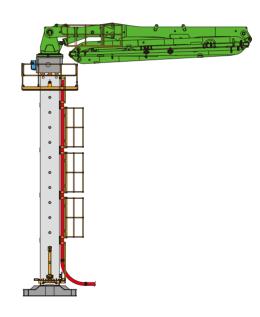
 Horizontal reach
 27.64m

 Depth reach
 23.1m

 Delivery line
 125mm

 End hose length
 3m

KB-M32R



 Boom type
 4 Sectoin roll type

 Horizontal reach
 32.2m

 Depth reach
 27.7m

 Delivery line
 125mm

 End hose length
 3.5m

Placing booms

KB-M33Z

Boom type 5 Section R, Z type
Horizontal reach 32.1m
Depth reach 28.1m

Delivery line 125mm End hose length 3.5m KB-M36R

Boom type

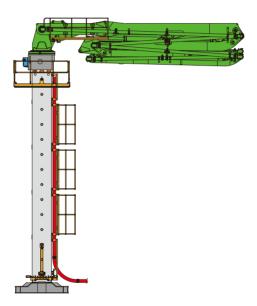
Depth reach

Delivery line

Horizontal reach

End hose length

KB-M36RZ



4 Section roll type

35.7m

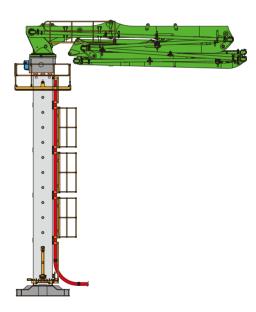
30.3m

125mm

3.5m

Boom type 5 Section R, Z type
Horizontal reach 35.57m
Depth reach 30.69m
Delivery line 125mm
End hose length 3.5m

KB-M38Z

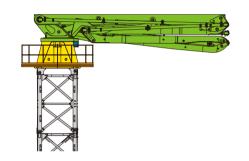


Boom type 5 Section R, Z type Horizontal reach 36.9m

Depth reach 32.2m
Delivery line 125mm
End hose length 3.5m

Placing booms

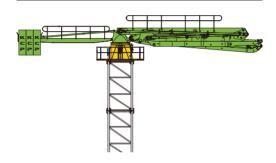
KB-M42RZ



Boom type 5 Section R, Z type

Horizontal reach 40.0m
Depth reach 35.4m
Delivery line 125mm
End hose length 3.5m

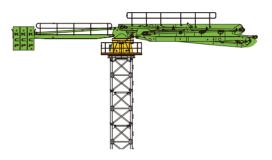
KB-M52RZ



Boom type 5 Section R, Z type

Horizontal reach 50.2m
Depth reach 41.8m
Delivery line 125mm
End hose length 3.5m

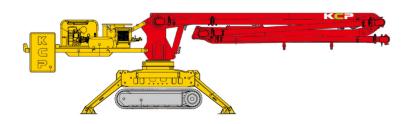
KB-M56RZ



Boom type 5 Section R, Z type

Horizontal reach 53.85m Depth reach 44.4m Delivery line 125mm End hose length 3.5m

KS-M15Z



 Vertical reach from Ground
 17.2m

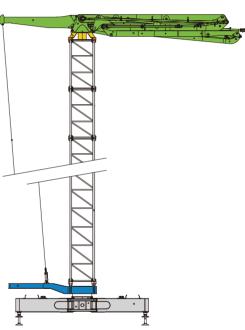
 Horizontal reach
 14.9m

 Depth reach
 10.1m

 Minimum Unfolding Height
 5.1lm

 Total Weight
 7,170kg

KB-M60RZ



Boom type 5 Section R, Z type

Horizontal reach 55.9m
Depth reach 45.7m
Delivery line 125mm
End hose length 3.5m

Efforts to provide advanced services

In order to provide customized services to customers around the world, KCP Co., Ltd. is researching an active and systematic service system.

We provide technical advice, maintenance training, operating know-how, and reliable genuine accessories and parts. KCP Co., Ltd. is working to reduce customer maintenance costs through high-quality standardization and design improvement.

Service



We offer prompt maintenance services, expert advisory support, technical assistance, and a reliable supply of KCP genuine accessories and parts in 120 countries worldwide. KCP Co., Ltd. always strives to keep our customers' equipment in top condition.

Parts



KCP's genuine parts guarantee equipment quality and maximize performance and operational efficiency.

We supply stable parts to maintain consistent performance at any work site.

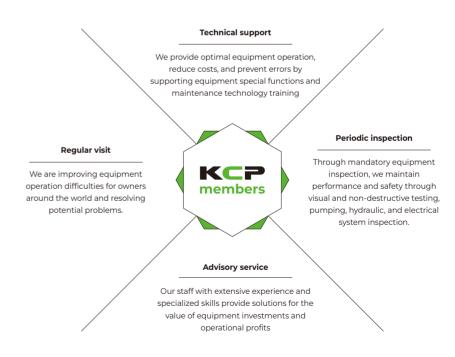
Training



Our experienced engineers provide in-depth training on equipment functions and maintenance technology, delivering systematic education and training programs to develop professional technicians and skilled equipment operators.

KCP members

KCP members is a customer service for KCP equipment owners and dealers. We are always striving to maintain safer, superior performance and profits at our customers' industrial sites.



Worldwide KCP

KCP Co., Ltd., the leading concrete pump manufacturer in Korea, distributes its products to over 50 countries worldwide, renowned for their durability and reliability. Our track record speaks for itself, demonstrating consistent performance.

We remain committed to delivering the highest quality and value to our customers, ensuring their satisfaction.



United States of America



United States of America



United States of America

America







Canada



Canada



United States of America



Canada



Argentina

Europe









United Kingdom Spain Greece

Europe





Austria



Austria

Europe



Germany



Iceland



Türkiye

Africa/West Asia





United Arab Emirates







Algeria

West Asia





Palestine







Israel

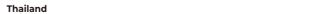
Oceania/East Asia





Australia







Philippines

Australia

East Asia









Malaysia





Indonesia Vietnam

Japan

Eurasia





Mongolia







Uzbekistan

Russia

Korea











- ▶ The information and specifications provided in this brochure are subject to change without notice for the purposes of sales planning and equipment performance improvement.

 The photos may show optional features and may differ from the actual equipment you purchase.
- ▶ The colors of the equipment shown in the photos may vary slightly from the actual equipment due to differences in web display and printing processes.