

**KOBELCO**

**CKE**  
*G series*

**BME**  
*G series*





# REALITY

## The Power to Deal with Reality

It is always people that change the times. The potential within us offers a new future, constantly buffeted by the seas of change. Thus, the highest standards are continually improving, and with them the workplace. With the CKE-G series, BME-G series, we offer more capability than can be expressed in mere numbers. These capabilities contain the truth that we search for today.

Beyond power, we seek new environmental qualities that the earth holds and in answer, the CKE-G series, BME-G series responds with the truth demanded by the modern age.

# SATISFACTION

Reliable Power for People and the Planet

Max. Lifting Capacity

CKE800G-3 80t×3.0m

CKE900G-3 90t×3.9m\*

CKE1100G-3 110t×3.6m\*

CKE1350G-2 150t×4.4m\*

CKE2500G-2 250t×4.6m

BME800G-2 80t×3.6m

\*Auxiliary sheave is necessary.



Refusing to compromise on ability, and made to push its abilities to the limit, the CKE-G series, BME-G series also faced other challenges. More efficient transport, an environmentally aware design ideology, control accurate to within tolerances of 1cm, safety, and an attractive design were all factors that had to be considered. Everything about the CKE-G series, BME-G series, including its handling of foundation and civil engineering work, revolutionizes the values of existing cranes, transforming it into a crane perfect for the modern age.

SPEEDY

ENVIRONMENT

FLEXIBILITY

UTILITY&SAFETY

DESIGN







# SPEEDY

## When Maneuverability is a Must

How close can the CKE-G series, BME-G series to the ideal of a transport system based on maneuverability? The assembling and disassembling that go hand-in-hand with transporting a crane is always difficult. But faced with these challenges, we have achieved real progress in transportability. Built to exceed the expectations that stem from the varied transportation needs of many different nations, the CKE-G series, BME-G series is both efficient and economical, offering instant access to smooth, reliable transport.

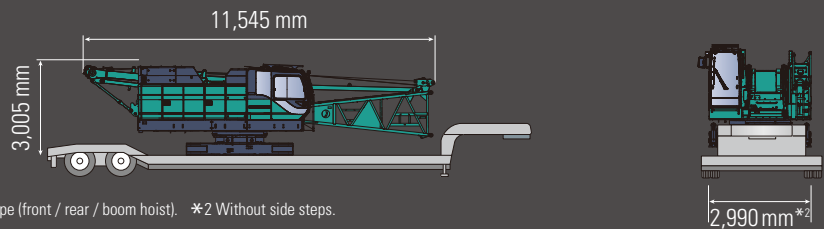
# SPEEDY

## Unparalleled efficiency that will revolutionize transport

Our efforts to transform thinking about transporting equipment have resulted in greater efficiency in every possible area. We designed the CKE-G series, BME-G series to require less work and to be easier to transport, and to ensure safety during assembly and disassembly. What's more, simpler, more efficient loading for transport have reduced the cost of both transport and storage.

### CKE800G-3

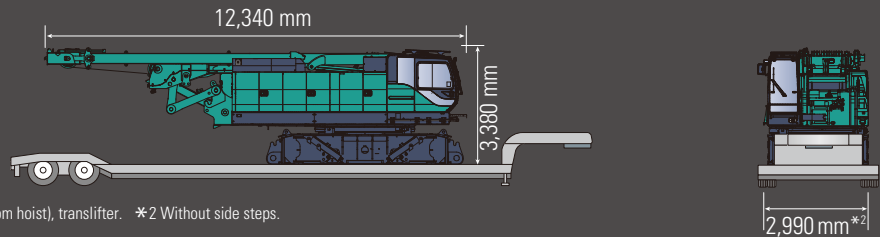
Weight : 26,660kg\*1  
 Width : 2,990mm



\*1 Base machine with boom base, gantry, optional translifter, wire rope (front / rear / boom hoist). \*2 Without side steps.

### CKE2500G-2

Weight : 44,570kg\*1  
 Width : 2,990mm



\*1 Base machine with gantry, mast, wire rope (front and boom hoist), translifter. \*2 Without side steps.

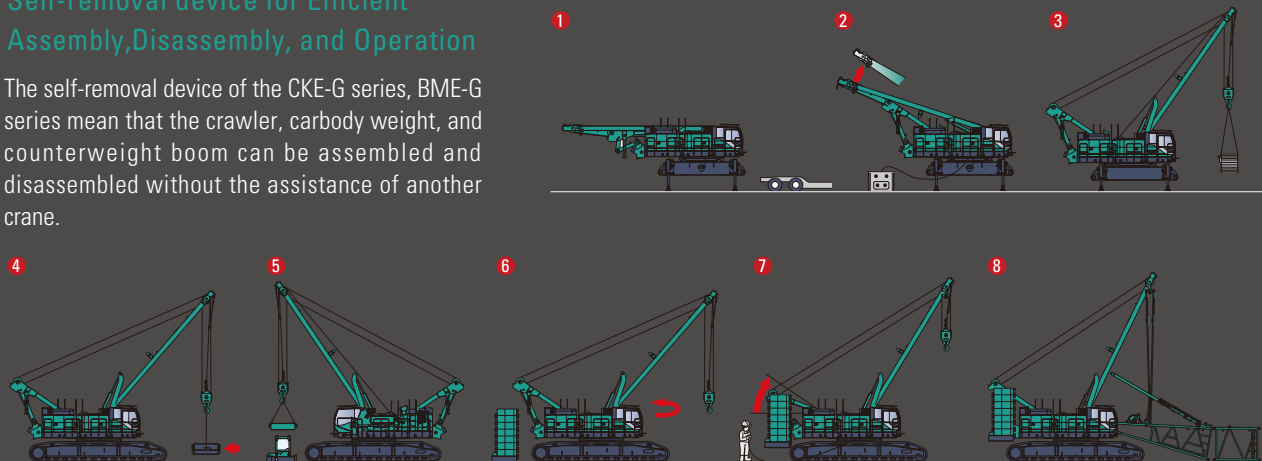
### Kobelco's Unique "Lightweight Upper Frame"

Thanks to its superbly rigid construction and the use of high-quality high tensile steel plate, we have been able to create a lightweight upper frame and body with a greatly reduced width.

Not only is assembly and disassembly efficient, the CKE-G series, BME-G series is also easy to transport.

### Self-removal device for Efficient Assembly, Disassembly, and Operation

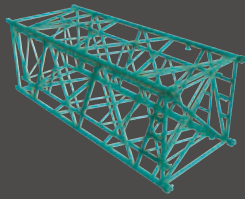
The self-removal device of the CKE-G series, BME-G series mean that the crawler, carbody weight, and counterweight boom can be assembled and disassembled without the assistance of another crane.



Model: CKE2500G-2



## Six Major Attachments That Make Transport & Assembly More Efficient



**1** A "nested boom" that is easy to transport efficiently

A nested boom allows the luffing insert jib to be stored in the middle boom. This reduces the number of vehicles needed for transport, and requires less space for storage.

**2** A "boom connector pin holder" that prevents losses during assembly and disassembly

Connect pins can be stored in disassembly of the boom. This prevents losses during assembly, disassembly, and transport.

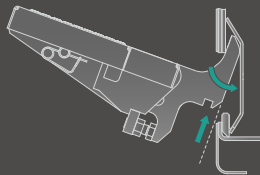
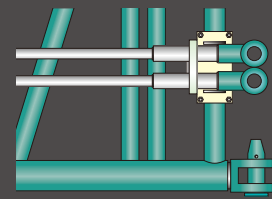


**3** A folding "Axle extension adapter"

The axle extension adapter can be folded for storage in the crawler.

**4** "Guy cable Stowing brackets" that can be securely fastened

The guy cables can be fastened safely and securely by inserting them in the boom, allowing them to be correctly positioned during transport.



**5** Easy to attach, easy to remove "side steps"

Instead of the previous bolt attachment design, a new insertion design is used, making it possible to quickly attach or remove the side steps without the need for tools.




**6** Insert boom handling lugs make assembly work easy and safe

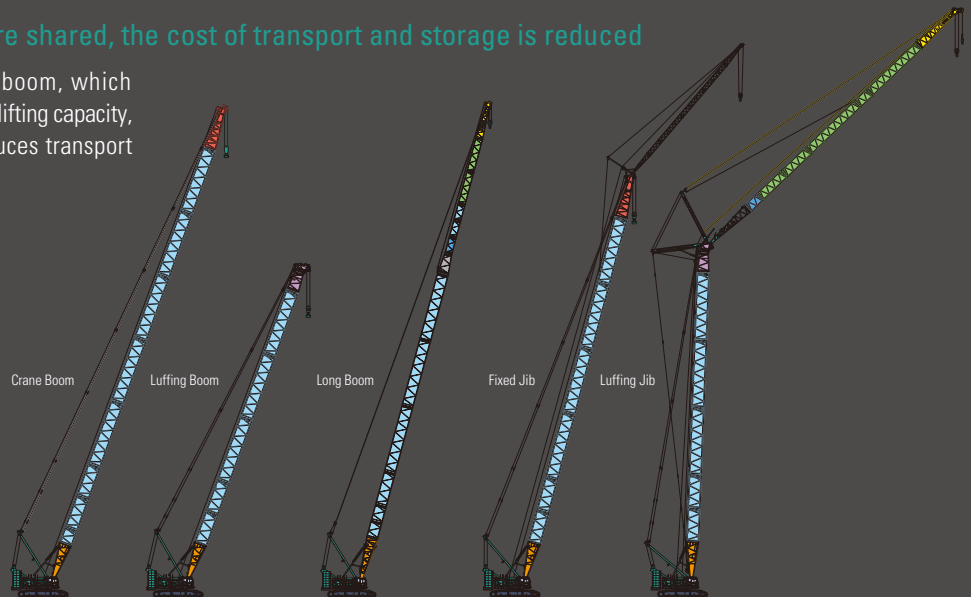
The lugs attached to the insert boom for lifting slings make boom assembly work easier and safer.



## Because the boom and jib are shared, the cost of transport and storage is reduced

In combination with the jib, this boom, which features a new design and increased lifting capacity, makes disassembly easier and reduces transport and storage costs.

	Boom Base
	Insert Boom
	Boom Top
	Luffing Boom Top
	Luffing Insert Jib
	Luffing Jib Top
	Relay Jib
	Tapered Insert Boom



## A "boom assembly/disassembly mode" for increased safety

The CKE-G series, BME-G series is equipped with a seat switch separate to the automatic overload and over-hoist prevention systems, which can be set as a boom assembly/disassembly switch able to cancel the over-hoist prevention function. This function is automatically cancelled when the boom reaches a preset angle, while the LMI is only cancelled automatically when the boom assembly/disassembly function is needed.



**KOBELCO**



# ENVIRONMENT

Applying Energy-saving Concepts  
Everywhere

Environmental considerations are a common theme when creating anything, which is why there are daunting obstacles that must be overcome. Designed for use in any conceivable situation, the CKE-G series, BME-G series is equipped with functions for conserving energy – with the earth as its stage, it must meet the highest ecological standards.

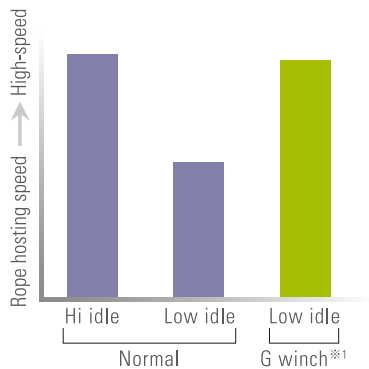
# ENVIRONMENT

## The Beginning of a Cycle That Contributes to the Environment

We have raised the standards created for the environment by re-examining the energy we consume. Eliminating needless operations and innovating engine functions allowed us to reduce fuel consumption and transformed the mechanisms that move the crane into a cycle that benefits the environment.

A "G-Winch" that provides higher speed without rising engine speed.

The high-speed mode allows the line to be raised or lowered at maximum line speed without raising engine speed when lifting without a load, or even with a light load.

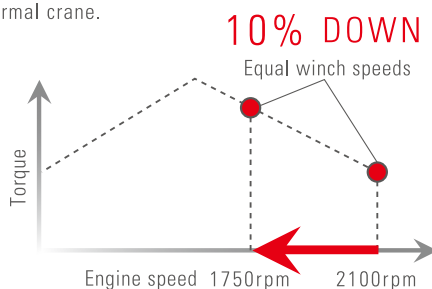


※1 The number of rotations may vary depending on the models.

G-Winch

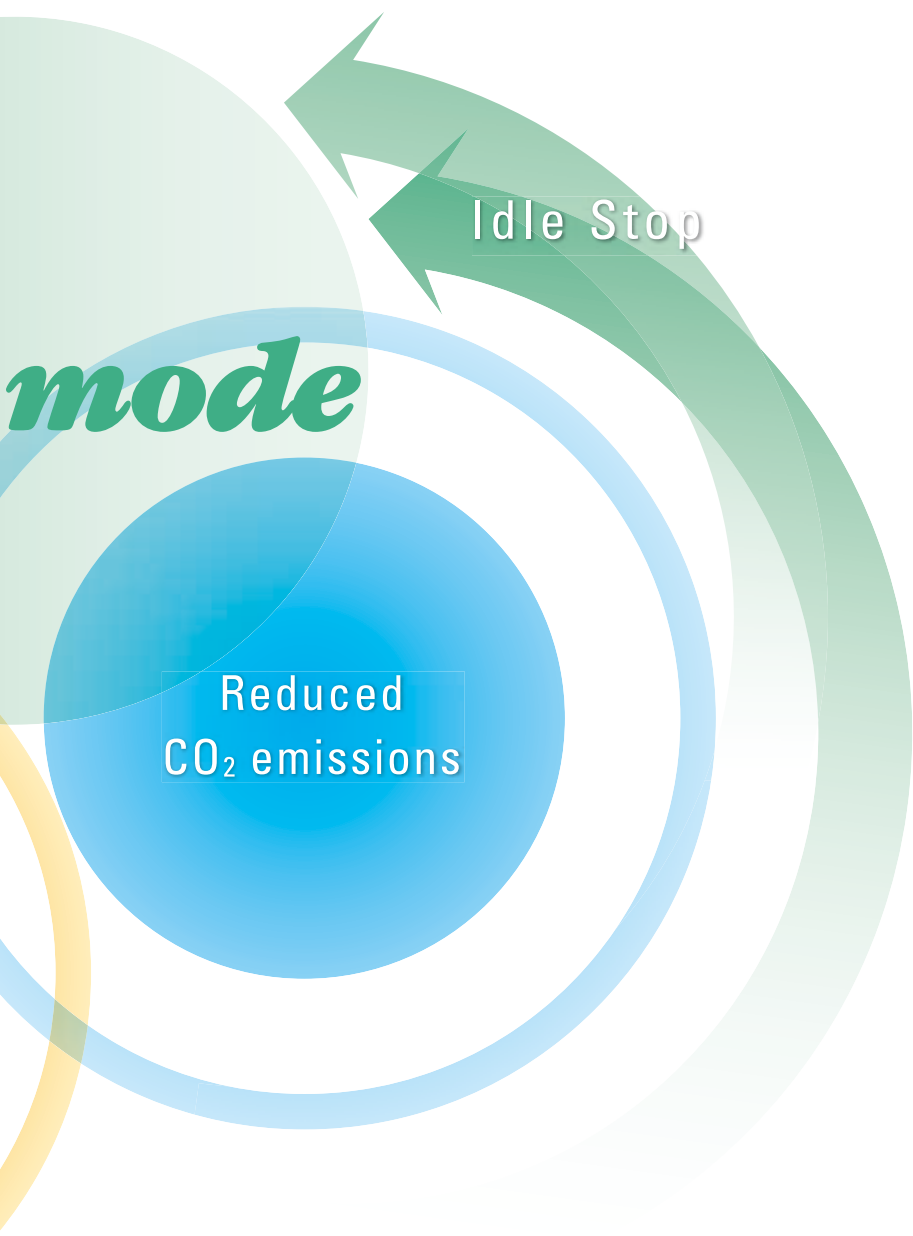
"G-Engine" Improves Fuel Consumption by 10%.

G-Engine keeps the engine running within fuel-efficient parameters by limiting maximum engine speed. Engine speed is reduced but pump capacity is controlled to maintain maximum winch speed for running or lifting. Using this "G-Engine" function reduces fuel consumption by approximately 10% when compared to operations on a normal crane.



G-Engine

Fuel-efficient



## An Idle Stop Function for Eco-driving.

The Auto Idle Stop (AIS) function stops the engine automatically in situations such as when you are waiting for the next trailer to come and have checked that everything is safe, reducing energy consumption in any operation, be it construction, or loading and unloading at a port. In addition to the AIS function, there is also a new manual stop function. In either case, simply turning the accelerator bar starts the engine again – there is no need to turn the key.

**NEW**

## Performance That Complies with Many Different Environmental Standards.

The CKE-G series, BME-G series utilizes a low-emission engine that enables it to comply with Euro stage V (CKE800G-3, CKE900G-3, CKE1100G-3) emissions regulations and with Euro stage IV (others) emissions regulations.



\*Act on Regulation, Etc. of Emissions from Non-road Special Motor Vehicles.

**Option for European Market**

## Bio Oil provides environment friendly solution.

More environmentally friendly hydraulic oil is also available, helping conserve the environment and meeting societal needs.

### A New Clean Diesel System

Although diesel engines consume less fuel and emit less CO<sub>2</sub> than gasoline engines, they also emit more harmful particulate matter and nitrogen oxide (NO<sub>x</sub>). The "new clean energy system" engine utilizes a DPF to reduce particulate matter and an SCR to reduce NO<sub>x</sub>, both of which are also kept to a minimum using negative ions.



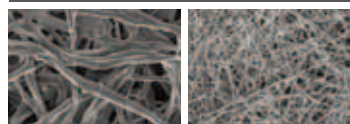
### Exhaust-cleaning SCR & DPF

SCR(Selective Catalytic Reduction) is an exhaust gas after-treatment system. It converts harmful NO<sub>x</sub> (nitrogen oxides), which are contained in the diesel engine exhaust gas, with the aid of a catalyst (AdBlue®) into harmless diatomic nitrogen and water. With the combination of a DPF (Diesel Particulate Filter) which is perfect for reducing PM (particulate matter), the exhaust gas from the engine is much cleaner and eco-friendly.

### A super-fine Filter

Steel wire reinforced glass fiber gives the new oil filter excellent dirt capturing qualities, making it truly a "super-fine filter." What's more, the time between filter changes has been lengthened by a factor of four. A partitioned configuration in which only the filter media is changed reduces scrap and extends the interval between changes, significantly reducing the burden on the environment.

Microscopic picture of the filter media (x 250)



Conventional filter (paper fiber)

Super-fine filter (glass fiber)





# FLEXIBILITY

Flexible Enough to Meet the Demands of Worksites

Our task was to create a crane capable of responding to the operator's every thought. Construction work demands excellent handling characteristics, and as such it was essential that this crane be adaptable enough to answer the demands of the operator in a wide variety of working environments. In the CKE-G series, BME-G series, it is advanced technology that powers the dynamic action so essential to a crane.



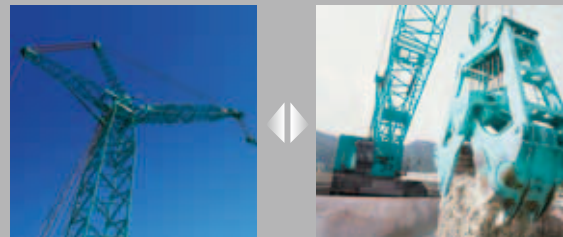
# FLEXIBILITY

## Flexibility Offers New Dimensions of Operational Performance

The CKE-G series, BME-G series offers new dimensions of flexibility for bucket, material handling and building construction. This allows the same crane to function equally well in any work environment, providing precision in any situation, and preventing any missed opportunities.

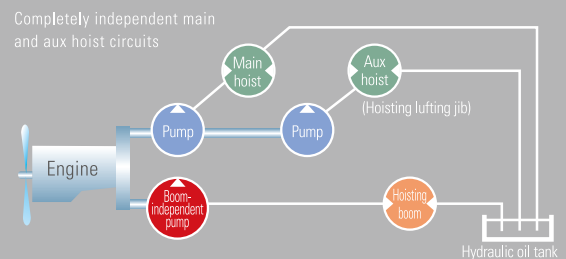
### Switch between Dual and Independent circuit system

This crane offers the operator the choice of "independent circuits" that allow hydraulic pumps to drive the main and aux hoists and operate the boom independently, or "dual circuits" that use both pumps to drive hydraulic fluid together to operate the hoist motor; both circuits are available with a single touch. Whether working on bucket, material handling work site or building construction site, optimal performance is always available, resulting in improved operational efficiency.



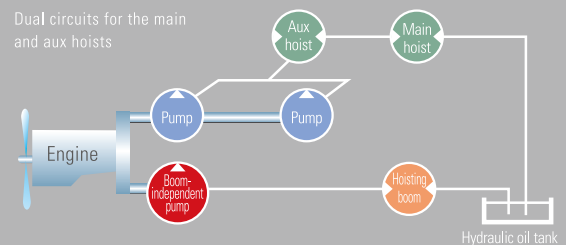
### Completely independent main and secondary hoists for better composite operation

Completely independent circuits for the main and aux hoists provide even when using both hoists simultaneously, with no adverse effect on either circuit. As a result, this crane lets you demonstrate your true worth as a professional when working in construction, where positioning requires adjustments of as little as a single inch.



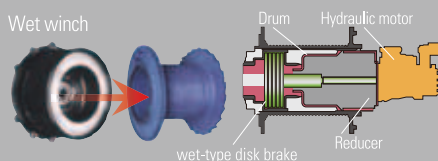
### Dual circuits, perfect for bucket, material handling

The CKE-G series, BME-G series has been designed to dual hoist circuits equipped with a free-fall function, allowing the speed of both winches to be synchronized easily even when the load on the main and support hoists is different. This offers the powerful, speedy response needed for material, handling bucket in ports or foundation and civil engineering construction work. The CKE-G series, BME-G series is equipped with a separate pump for hoisting the boom, allowing smooth operation when hoisting boom and rope.



### Wet-type disk brake that offer powerful, stable braking

The winches feature Kobelco's independently developed wet brakes. Forced-oil-cooling makes these brakes resistant to the reduction in braking ability that occurs when temperatures rise, so that they are well suited to working for long periods. The use of multi-plate disks ensures sufficient braking capacity and means that braking can be performed with a modicum of force. What's more, the brakes themselves are compact and encased in drums.



### Wide, large capacity drums

Both the brakes and reducing devices are encased within the drum, eliminating the need for a brake drum space, and increasing the width. Lap spooling keeps rope damage to a minimum, and the large spooling capacity reduces the chance of irregular spooling, extending the life of the wire rope significantly.



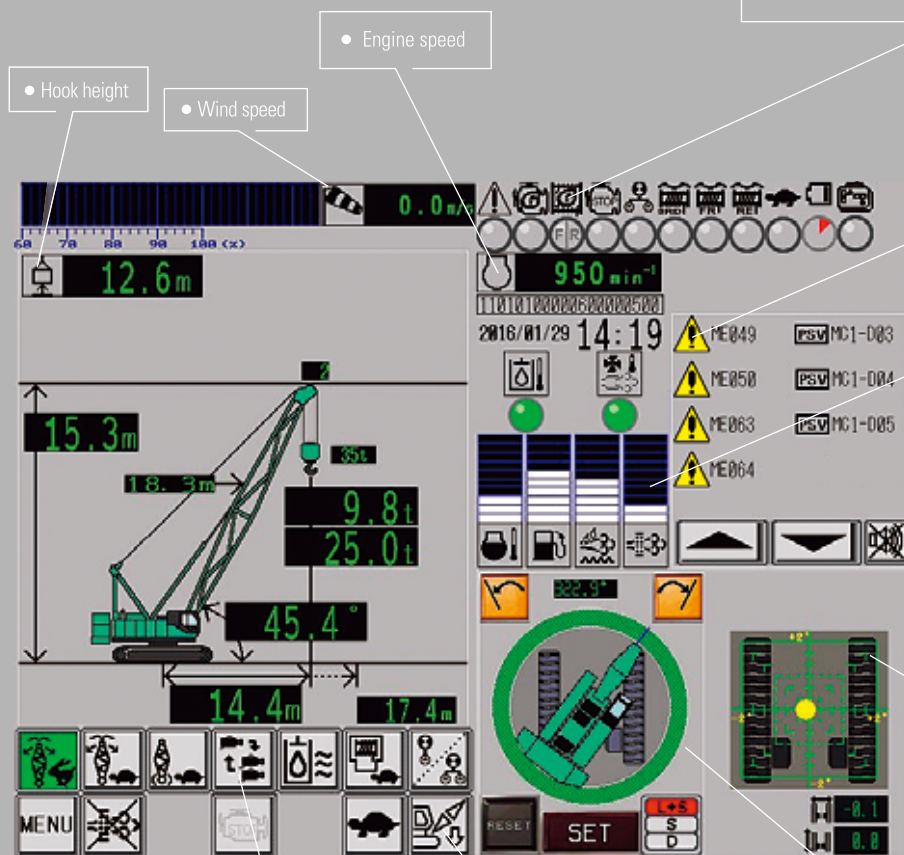
### Reduced counterweight specification, for reduced impact on the work site

Each model has been equipped with reduced counterweight specification, allowing the number of counterweights to be cut, reducing the overall weight. Other aspects, such as the set weight of platform, are also flexible enough to cope with any worksite. What's more, the counterweight detect system helps to prevent any configuration errors.



## Intuitive, easy to understand interface

The interface provides full display of essential data and operational parameters in a compact space. Arranged in an efficient layout perfectly suited to the task at hand, the gauges and switches have been placed with the movement of the operator's hands and eyes in mind, ensuring smooth operation. Each design utilizes intuitive pictograms that offer at-a-glance comprehension while working, allowing operators to feel easy from the instant they begin working. Moreover, with no needless operations required, efficiency gains an immediate boost.



**Greater visibility of conventional functions!**

- **Display lamp**
  - Engine warning
  - G-Engine
  - G-Winch
  - AIS operation
  - Slow speed state
  - Remote control connection
  - Oil cooler operation
  - Free fall (main)
  - Free fall (auxiliary)
  - Free fall (3rd)
  - Dual circuit
  - Hydraulic oil temperature
  - Exhaust system cooling

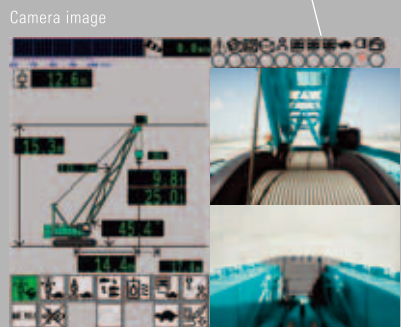
- **Error message**  
Touch to display details in a pop-up window.

- **Gauges**
  - Coolant temperature
  - Fuel remaining
  - DEF/Ad Blue® remaining
  - Sediment accumulated

- **Machine inclination sensor**  
An optional machine inclination sensor offers a visual representation of the current inclination of the crane body.

**Improved state-recognition!**

- **Over-swing preventative device**  
In addition to the functions already detailed, a over-swing preventative device can be fitted to limit the swing of the crane. Configuration is simple and can be done from the touch panel.



**Universally understood pictograms are used, providing intuitive, visual recognition!**

- **Switches**
  - Swing mode (free, high speed)
  - Swing mode (free, low speed)
  - Swing mode (braked, low speed)
  - Camera switching
  - Hydraulic oil heating
  - Clamshell mode
  - Dual / independent switching
  - Menu
  - DPR manual operation
  - Engine stop
  - Inching mode
  - Independent storage





# UTILITY & SAFETY

Created from the User's Standpoint

Ease of use and safety are two factors that support construction quality at its very roots. To achieve these, it is essential to consider the workplace environment, and more importantly, the user's point of view. Roomier, easier to use, and safer, the CKE-G series, BME-G series aims to achieve standards that raise the bar in terms of satisfaction in the workplace.

# UTILITY & SAFETY

## Delivering Comfort and Peace of Mind

The design of the CKE-G series, BME-G series represents a new approach to safety and the human senses. Together with improved safety, the layout of the cab space offers heightened levels of comfort and ease of use. What's more, consideration for safety permeates throughout the entire design, all with the aim of preventing accidents.

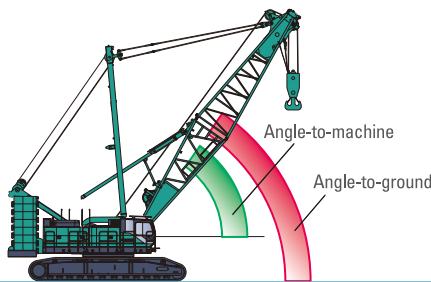


### Better visibility, better mobility, and a relaxed cab environment create efficiency

- 1** The spacious cabin (3.10m<sup>2</sup>) provides a comfortable working environment. The massive front windshield (1.09m<sup>2</sup>) provides visibility over a wide area, making operation safer and easier.
- 2** 1 monitor (ML screen): Provides a clear image for checking the angles that are difficult to see by eyes, improving the operation safety. It is movable, so the angle can be adjusted as you wish for smoothing various checks and instructions.
- 3** Short levers / easily-held grips that fit the hand perfectly. They offer mobility, as well as instantaneous course changes and swing.  
\* The joystick is standard on G-series machines for the European market.
- 4** Cab entrance (785mm) for easier access / the wide cab entrance makes it easier to get in and out of the cab, so work is more comfortable.
- 5** Foot space / legroom decreases operational fatigue and reduces stress.
- 6** Counterweight detect system / reduced counterweight setting errors for increased safety.
- 7** State-recognition / accurate comprehension of factors such as attachments and the current inclination of the crane body is possible, improving manipulation performance.
- 8** High-quality seat materials / luxurious seat materials offer excellent ride quality, and both the lever stand and the seat are fitted with adjusters for operator comfort.
- 9** Full interior trim / all the instruments in the cab are covered, giving the cab the comfort of a living space.
- 10** An air conditioner vent has been added below the monitor. This improves air conditioning performance and provides greater comfort.

### Double or triple redundant prevention of boom over-hoists

When hoisting the boom and jib, the primary boom (jib) over-hoisting prevention device automatically halts hoisting when the boom reaches a prescribed angle. When operating as a crane, the boom angle is observed using an angle to ground. For jib operations, the CKE-G series, BME-G series employs a system that measures the jib angle relative to both the ground and the machine, allowing quick detection of any danger. Moreover, it features a dual layer safety system, with a secondary boom (jib) over-hoisting prevention device equipped with an extreme limit function that will not allow the automatic stop point to be overridden. The jib also features both primary and secondary over-hoisting protection devices that prevent boom reversal.

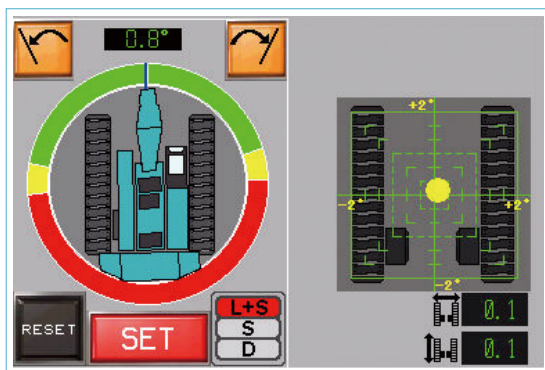


### Automatic soft-stop function that mitigates shock when automatic stop occurs

The over-hoisting prevention device prevents the boom from lowering and the jib from hoisting, and softens automatic stopping when the boom is overloaded, swinging sideways.

### Better state-recognition

A variety of options, including a counterweight detect system, an over-swing preventative device, and a machine inclination sensor make it possible to more accurately assess main unit and attachment conditions.



### Industry-standard automatic stop release switch

Replacing the system of separate keys used to override automatic stop functions for over-load, hook over-hoist, and boom over-hoist, the CKE-G series, BME-G series employs a more reliable two-stage system utilizing a master key and individual switches. A single master key poses no administrative difficulties, and prevents easy override of the automatic stop.



### Highly acclaimed safety devices of all types

- A swing flasher and warning buzzer that warning people in the surround areas when swinging.
- A one-way call system to ensure operator safety
- Function lock lever to prevent accidental operation
- Easily-seen crawler movement directional markings
- External alarms when moving or swing
- M/L external display lights informing those in the surrounding area of the load state of the crane
- Rear / main and aux hoist drum / boom hoist state drum camera and monitor (color)

### Option for European Market

#### Tilting Cab

A tilting device allows the cab to be tilted up to 15° to provide the operator with an excellent view and a relaxed and safe working environment when lifting loads higher-up.



Tilting Cab

#### Tractor-Type Tracks (2 types)

- Flat shoe type provides a smoother ride.
- Triple grouser type provides a smoother ride and additional grip.



Flat shoe type



# DESIGN

## A Design You can be Proud to Drive

An elegant form that emphasizes curves welcomes the operator and blends into the surrounding city. With a pared-down, simple, non-intimidating design and a full-trim interior that has taken even the finest details into consideration, the CKE-G series, BME-G series offers both luxury and comfort. This welcoming design harmonizes naturally with an urban area, delivering an image well suited to a workplace that creates a new background for the city. This is a design that people can be proud to use in a variety of situations.



## PRODUCT STORY

A design that welcomes people gently and blends into an urban environment, a design that people can be proud to drive. That was the starting point for the CKE-G series, BME-G series concept, something never seen in a crane before. After the initial pipe-frame design, we followed a plan that used press casting to emphasize freedom in a design that pursued our ideals, making forays into uncharted territory time and again. However, we were also careful to listen directly to people in the workplace and examine world market trends, maintaining an awareness of the needs of the times. This was reflected in a completed design that closely mirrored the actual viewpoint of our customers.



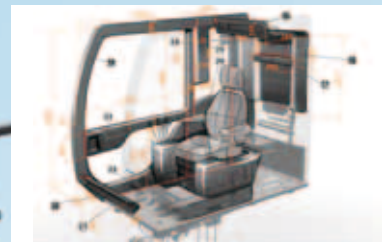
### From pipe frame to press-casting

Although designs based on combining flat panels with pipe frames offer excellent cost benefits, we adopted press casting to allow us more freedom in design.



### Operator comfort

From the conceptual stage, repeated tests were conducted that helped to improve the comfort of the area around the operator's seat.



### Full trim – the cab as living space

Luxurious, reassuring, comforting... the cab interior has been fully trimmed in the manner of a living space, and is complemented by a wide field of view for easy operation.



### An expressive exterior

Surfaces that are curved yet rigid possess a rich texture and capture the light beautifully, giving the crane an impressively warm, expressive exterior.

# FIELD

Land, Sea, and Sky – the World is Full of workplaces





Land, sea, or sky – there is literally no limit to the locations where Kobelco Cranes may be called upon to work. From tall buildings that seem to pierce the heavens, huge bridges spanning the sea, expressways that support transport on land, to airport construction site access routes, the CKE-G series, BME-G series is set to be a major player in the coming years.

We offer a comprehensive lineup in every field, with detailed functions that meet the differing needs of any worksite. The CKE-G series, BME-G series is crystallization of technology we have developed through our quest for the highest standard in cranes, one that has continued since we completed the first truck crane ever made in Japan in 1953, and demonstrates to perfection our abilities in worksites throughout the world.



# LINE UP



Model	<b>CKE800G</b> CKE800G-3	<b>CKE900G</b> CKE900G-3
<b>CRANE BOOM</b>		
Max. Lifting Capacity	80 t x 3.0 m	100 t* x 3.6 m 90 t x 3.9 m *2
Max. Length	54.9 m	61.0 m
<b>FIXED JIB</b>		
Max. Lifting Capacity	7.0 t x 20.0 m	10.9 t x 18.0 m
Max. Jib Length	18.3 m	18.3 m
Max. Combination	42.7 m + 18.3 m, 45.7 m + 12.2 m	51.8 m + 18.3 m
<b>LUFFING JIB</b>		
Max. Lifting Capacity	NA	NA
Max. Jib Length	NA	NA
Max. Combination	NA	NA
<b>MAIN &amp; AUX. WINCH</b>		
Max. Line Speed (1st layer)	120 m/min	120 m/min
Rated Line Pull (Single line)	78.0 kN {8.0 tf}	112 kN {11.4 tf}
Wire Rope Diameter	22 mm	26 mm
Wire Rope Length	220 m (Main), 130 m (Aux.)	240 m (Main), 165 m (Aux.)
Brake Type	Wet-type multiple disc brake (Optional)	Wet-type multiple disc brake (Optional)
<b>WORKING SPEED</b>		
Swing Speed	4.0 min <sup>-1</sup> {rpm}	4.0 min <sup>-1</sup> {rpm}
Travel Speed	1.7 / 1.1 km/h	1.7 / 1.1 km/h
<b>POWER PLANT</b>		
Model	HINO J08E-YD	HINO J08E-YD
Engine Output	213 kW / 2,100 min <sup>-1</sup>	213 kW / 2,100 min <sup>-1</sup>
Fuel Tank	400 liters	400 liters
<b>HYDRAULIC SYSTEM</b>		
Main Pumps	3 variable displacement	3 variable displacement
Max. Pressure	31.9 MPa {325 kgf/cm <sup>2</sup> }	31.9 MPa {325 kgf/cm <sup>2</sup> }
Hydraulic Tank Capacity	435 liters	435 liters
<b>SELF-REMOVAL DEVICE</b>		
	counterweight self-removal device (Option)	counterweight self-removal device (Option)
<b>WEIGHT</b>		
Operating Weight	75.7 t	90.0 t
Ground Pressure	84.8 kPa	101.5 kPa
Counterweight	27,200 kg (26,120 kg)*7	31,900 kg (31,310 kg)*7
Transport Weight (Base Machine)	39,780 kg *1	41,350 kg *1
<b>DIMENSIONS</b>		
Transportation Width	3,500 mm	3,500 mm
Transportation Height	3,380 mm	3,395 mm
Crawler Width	5,130 mm	5,130 mm
Crawler Shoe Width	800 mm	800 mm
Crawler Length	6,280 mm	6,280 mm
Tail Swing Radius	4,300 mm (4,500 mm)*7	4,500 mm (4,700 mm)*7

\*1 : Base machine with boom base, gantry, crawler, wire ropes (front/rear/boom hoist), step      \*2 : Auxiliary sheave is necessary  
 \*5 : Without crawler, step      \*6 : Base machine with boom base, gantry, wire ropes (front/rear/boom hoist), self-removal device, transliifter



## CKE1100G

CKE1100G-3

## CKE1350G

CKE1350G-2

## CKE2500G

CKE2500G-2

## BME800G

BME800G-2

110 t x 3.6 m *2	150 t x 4.4 m *2	250 t x 4.6 m	80 t x 3.6 m
70.1 m	76.2 m	91.4 m	54.9 m
10.9 t x 22.0 m	26.8 t x 16.0 m	27.0 t x 10.4 m	NA
21.3 m	30.5 m	30.5 m	NA
61.0 m + 21.3 m	61.0 m + 30.5 m	76.2 m + 30.5 m	NA
NA	36.0 t x 12.0 m	80.0 t x 9.8 m	NA
NA	53.3 m	61.0 m	NA
NA	44.8 m + 53.3 m, 47.9 m + 32.0 m	61.0 m + 61.0 m	NA
120 m/min	120 m/min	110 m/min	120 m/min
108 kN {11.0 tf}	132 kN {13.5 tf}	132 kN {13.5 tf}	108 kN {11.0 tf}
26 mm	26 mm	26 mm	26 mm
265 m (Main), 235 m (Aux.)	275 m (Main), 255 m (Aux.)	460 m (Main), 390 m (Aux.)	175 m (Main), 130 m (Aux.)
Wet-type multiple disc brake (Optional)	Wet-type multiple disc brake (Optional)	Wet-type multiple disc brake (Optional)	Wet-type multiple disc brake
3.2 min <sup>-1</sup> {rpm}	2.1 min <sup>-1</sup> {rpm}	2.2 min <sup>-1</sup> {rpm}	4.0 min <sup>-1</sup> {rpm}
1.4 / 1.0 km/h	1.3 / 0.9 km/h	1.0 / 0.5 km/h	1.7 / 1.1 km/h
HINO J08E-YD	HINO P11C-VN	HINO P11C-VN	HINO P11C-VN
213 kW / 2,100 min <sup>-1</sup>	271 kW / 1,850 min <sup>-1</sup>	271 kW / 1,850 min <sup>-1</sup>	271 kW / 1,850 min <sup>-1</sup>
400 liters	400 liters	400 liters	400 liters
4 variable displacement	4 variable displacement	4 variable displacement	3 variable displacement
31.9 MPa {325 kgf/cm <sup>2</sup> }	31.9 MPa {325 kgf/cm <sup>2</sup> }	31.9 MPa {325 kgf/cm <sup>2</sup> }	31.9 Mpa (325 kgf/cm <sup>2</sup> )
525 liters	525 liters	640 liters	435 liters
counterweight/crawler self-removal device	counterweight/crawler self-removal device	counterweight/crawler self-removal device	counterweight self-removal device (Option)
102 t	137 t	217 t	77.4 t
95.9 kPa	107.0 kPa	110.8 kPa	87.2 kPa
34,600 kg	55,000 kg	91,000 kg	25,380 kg (26,120 kg) *7
35,240 kg *6	31,980 kg *3	44,570 kg *4	41,700 kg *1
2,990 mm*8	2,990 mm*8	2,990 mm*8	3,500 mm
3,195 mm *5	3,280 mm *5	3,355 mm *5	3,330 mm
5,300 mm	6,310 mm	7,620 mm	5,130 mm
900 mm	910 mm	1,220 mm	800 mm
6,770 mm	7,895 mm	8,970 mm	6,280 mm
4,860 mm	5,500 mm	6,000 mm	4,300 mm (4,500 mm) *7

\*3 : Base machine with gantry, wire ropes (front/rear/boom hoist)

\*7 : With optional counterweights \*8 : Without side steps

\*4 : Base machine with gantry, mast, wire ropes (front and boom hoist), translifter

★ : The value are theoretical result

Note: Standard equipment may vary depending on your areas or countries. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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