

# Kobelco Cranes

Kobelco Cranes Co., Ltd. is a construction machinery manufacturer specializing in cranes. It aspires to create attractive products and to strengthen its business foundation by globalizing its operations.

Using the technologies and brand power it has developed, Kobelco is becoming a company that plays a more active role in the world.



## Main Products and Services

### Crawler Cranes

- Multi-purpose lattice boom crawler cranes
- Large-sized crawler cranes
- Duty cycle lattice boom crawler cranes
- Telescopic boom crawler cranes

### Wheel Cranes

- City conscious rough terrain cranes
- Mini rough terrain cranes
- Lattice boom wheel cranes
- All terrain cranes

### Specialized Base Machines for Civil Engineering & Foundation Work

### Work Vessels



Large-sized crawler crane



City conscious rough terrain crane

## Business Review

### Mastertech-G Series and BM-G Series crawler cranes win Good Design Award

Mastertech-G Series and BM-G Series crawler cranes (Japanese models) win Good Design Award 2012. Highly rated for a design that provides the most critical features of a crawler crane — a crane cabin with a wide field of view and vehicle control that delivers direct maneuverability — this marks the second time that Kobelco has won this award since the PANTHER-X250 wheel crane won it in 2008.

This crane series is equipped with our proprietary energy-saving G-Mode system (to reduce fuel consumption) and features environmental performance with a smaller preassembled shipping size and lighter weight. In addition, it has improved operational safety features thanks to a cabin design equipped with a touch panel monitor. Since its launch in December 2011, it has been highly rated by customers for its environment- and user-friendly features.

\* Good Design Award  
Since 1957, the Good Design Award has been Japan's only comprehensive design and commendation system.



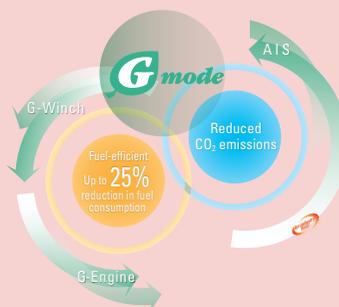
Mastertech-G Series and BM-G Series crawler cranes

## “Only 1” Products & Technologies



### Crawler Cranes

Kobelco Cranes offers a wide variety of crawler cranes, including large models for building long bridges, wind, thermal, and nuclear power plants and other large-scale structures, as well as small and midsize models with robustness, advanced control and high versatility. Boasting extensive experience and an impressive track record in advanced design and production technologies, Kobelco Cranes seeks to develop competitive products to meet the needs of users globally.



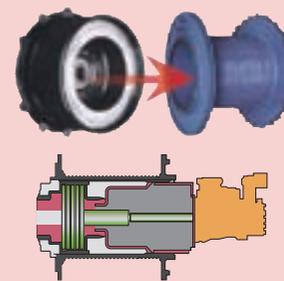
### G-mode

Kobelco Cranes adopted a totally new energy-saving assist system on all new models called the “G-mode” system, which is a generic name for the assist systems such as Auto Idle Stop System, G-Winch and G-Engine.

**[Auto Idling Stop (AIS)]** Engine automatically stops during idling time under certain conditions. Restart is possible by controlling the accelerator grip.

**[G-Winch]** The hoist winch can be turned at maximum speed without engine accelerating under no-load lifting.

**[G-Engine]** By reducing the range of engine rpm, we achieve the best performance in normal mode.



### Wet-Type Disk Brakes 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.

## International Exhibition for Equipment and Techniques for Construction and Materials Industries “INTERMAT 2012”

INTERMAT, held once every three years, was held at the Paris Nord Villepinte Exhibition Center from April 16 to 21, 2012. A total of 1,350 companies exhibited and more than 200,000 visitors attended the show, which occupied 180,000 square meters of space.

Kobelco Cranes exhibited two cranes, the CKE800G, with 80-tons lifting capacity, and the CKE2500G, with 250-tons lifting capacity, from its next-generation G Series that meet European emission regulations. With improved environmental performance, the G Series comes equipped with G-mode, a new energy-saving system that enables a maximum 25% reduction in fuel consumption. At the Kobelco booth, a descriptive panel and video presentation explained the products to visitors.

During the exhibition, a ceremony was held to hand over the crane key to the customer, MAMMOET, the world’s leading heavy lifting and multimodal transport solutions specialist. Kobelco celebrated with the breaking open of a sake barrel and provided all customers gathered with Japanese sake in original logo emblazoned wooden sake cups.



## BC India 2013 held in Mumbai, India

Kobelco Construction Machinery and Kobelco Cranes exhibited together at BC India, a BAUMA CONEXPO show, held over a four-day period from February 5–8 in Mumbai, India. A total of 710 companies from 33 countries participated in the 2013 exhibition. With the number of companies participating up from the 508 in 2011, the exhibition was bustling with people.

Kobelco Cranes exhibited the first 250-ton-class model CKL2600i (260-ton lifting capacity) unit to come off the production line in India. Kobelco Cranes’ 250-ton model is a best-seller, with 1,096 units sold worldwide, of which 132 were in India. A ceremony was held at the exhibition to hand over the key to the customer who bought this first production line unit.

In addition to exhibiting a real crane, a corner of the exhibit was set up to showcase the KOBELCO Crane Remote Observation Satellite System (KCROSS) via a presentation using a monitor to demonstrate how the system operates.

## Global Expansion

Kobelco Cranes responds to demand by providing products tailored to local needs in China and India, where demand is strong.

