

# Kobelco Construction Machinery

Kobelco Construction Machinery Co., Ltd. specializes in hydraulic excavators. It is dedicated to developing original products with a focus on high fuel efficiency and low-noise features to meet diverse customer needs.



## Main Products and Services

### Construction Machinery

- Hydraulic excavators
- Mini excavators
- Wheel loaders
- Mini wheel loaders

### Environmental Recycling Machinery

- [ Construction Recycling ]
- Building demolition machines

### [ Metal Recycling ]

- Automobile dismantling machines
- With magnet attachment
- With scrap loader attachment, etc.

### [ Resource Recycling ]

- Resource handling machinery, etc.

### [ Forestry Machinery ]

- Processors
- With harvester attachment
- With grapple attachment

## Business Review

### Kobelco Construction Machinery dissolves alliance with CNH Global N.V., enters the United States and Europe independently

Kobelco Construction Machinery and CNH Global N.V. dissolved their global alliance, which began in January 2002, on December 31, 2012. For the first time in 10 years, Kobelco Construction Machinery has resumed business activities in the United States and Europe on its own. Kobelco can now independently expand sales of KOBELCO-brand excavators equipped with advanced technology including low fuel consumption, low noise level, and GPS. We are building a global sales network and spreading the KOBELCO brand across the world.



Standard hydraulic excavator



SK200H 20-ton class hybrid hydraulic excavator



Hydraulic excavator (North American model)



Zero tail swing excavator



Press conference on December 26, 2012 announcing the decision to end the alliance with CNH

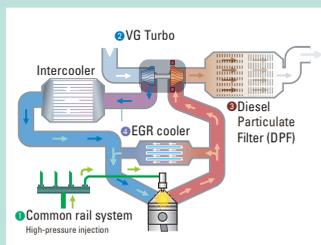
## “Only 1” Products & Technologies



### Environmental Recycling Machines

The company offers unique environmental products for construction, metal, resources and forestry recycling. The SK3500D demolition machine, developed for demolishing ultra-large buildings, has a maximum reach of 65 meters, equivalent to a 21-story building.

It is listed in the Guinness Book of World Records as the demolition machine with the world's longest reach.



### Fuel-Efficient Performance

Engine power loss has been minimized through better fuel-efficient performance, a rethinking of the hydraulic system's power loss, and other improvements. Fuel consumption and CO<sub>2</sub> emission have been reduced across all product lines by using technology that reduces power loss without diminishing workload.



### Integrated Noise & Dust Reduction Cooling System (iNDR)

iNDR is an advanced cooling system developed by Kobelco Construction Machinery that combines the features of noise and dust reduction. Minimal openings for air intake and exhaust, a redesigned layout of the cooling fan and engine, and an angled pathway for the air flowing within the engine enclosure significantly reduce the noise emitted outside.

### Marketing of SK200H hybrid hydraulic excavator commences

Following the SK80H, an 8-ton-class hybrid hydraulic excavator launched in 2010, Kobelco Construction Machinery developed the SK200H, a 20-ton-class — the weight class most in demand — hybrid hydraulic excavator launched on October 1, 2012. In comparison to a standard SK200-8 machine, the SK200H has 16 percent lower fuel consumption. In April 2012, this excavator was certified under the New Technology Information System (NETIS) by the Ministry of Land, Infrastructure, Transport and Tourism. In 2010, Kobelco received the Minister of the Environment Award for the Prevention of Global Warming in the technical development and product category for the 8-ton-class hybrid excavator SK80H.



SK200H:  
20-ton-class hybrid hydraulic excavator

### Sales of medium- and large-sized hydraulic excavators that meet new emission control standards commences

On April 1, 2013, we began to concurrently sell medium- and large-size hydraulic excavators meeting the new emission control regulations in three weight classes: 25, 35, and 45 tons. To reduce particulate matter (PM) emissions, we added an emission gas after-treatment device (diesel particulate filter, or DPF) to the excavators and cleared gas emission regulations.

### Parts inventory building completed at Ogaki Factory for mini excavators

A parts inventory building for just-in-time supply of parts to the Ogaki Factory (Ogaki, Gifu Prefecture), Kobelco's production base for mini excavators in Japan, has been completed.

To put the finishing touches on its global production system, Kobelco Construction Machinery is taking steps to raise quality at its production bases in Japan and strengthen competitiveness. After the May start-up of the Itsukaichi Factory in Hiroshima Prefecture, we are now retooling production to substantially raise productivity at the Ogaki Factory.