



**SOLID,
STABLE FOOTING WITH
EXCELLENT MANEUVERABILITY!**

H17.06.10
hydro-crane

KOBELCO

Hydraulic Crawler Crane **CK550** A TOUCH OF THE FUTURE!

Max. lifting capacity: **55 US tons at 10.5 ft**
Max. total length (boom+jib): **190 ft**
Max. boom length: **160 ft**



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 **KOBE STEEL, LTD.**



TAKE CONTROL IN SPACIOUS COMFORT!

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Cab and Controls

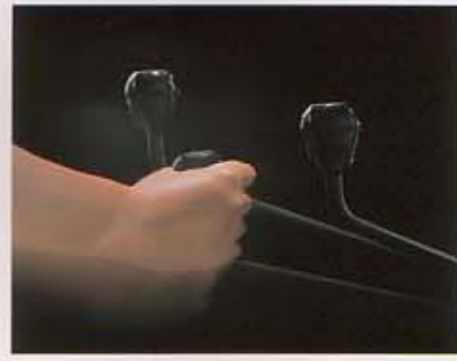


SensaTouch Control Lets You Know

SensaTouch Control puts you directly in touch with the movement and position of the attachment through the control lever. You get the best of both worlds: the light, precise responsiveness of full-hydraulic pilot control, plus a direct feel for the load.

Make Yourself at Home

Settle into the cloth-covered, fully adjustable operator's seat and you'll discover just how comfortable crane operation can be. Sealed windows and a snug-fitting cab door protect you from engine heat and noise, and rubber mounts minimize vibration. A pleasant working environment is further assured by soundproofing material in the cab interior. The controls are easy to reach and operate, and are laid out to provide plenty of leg room.



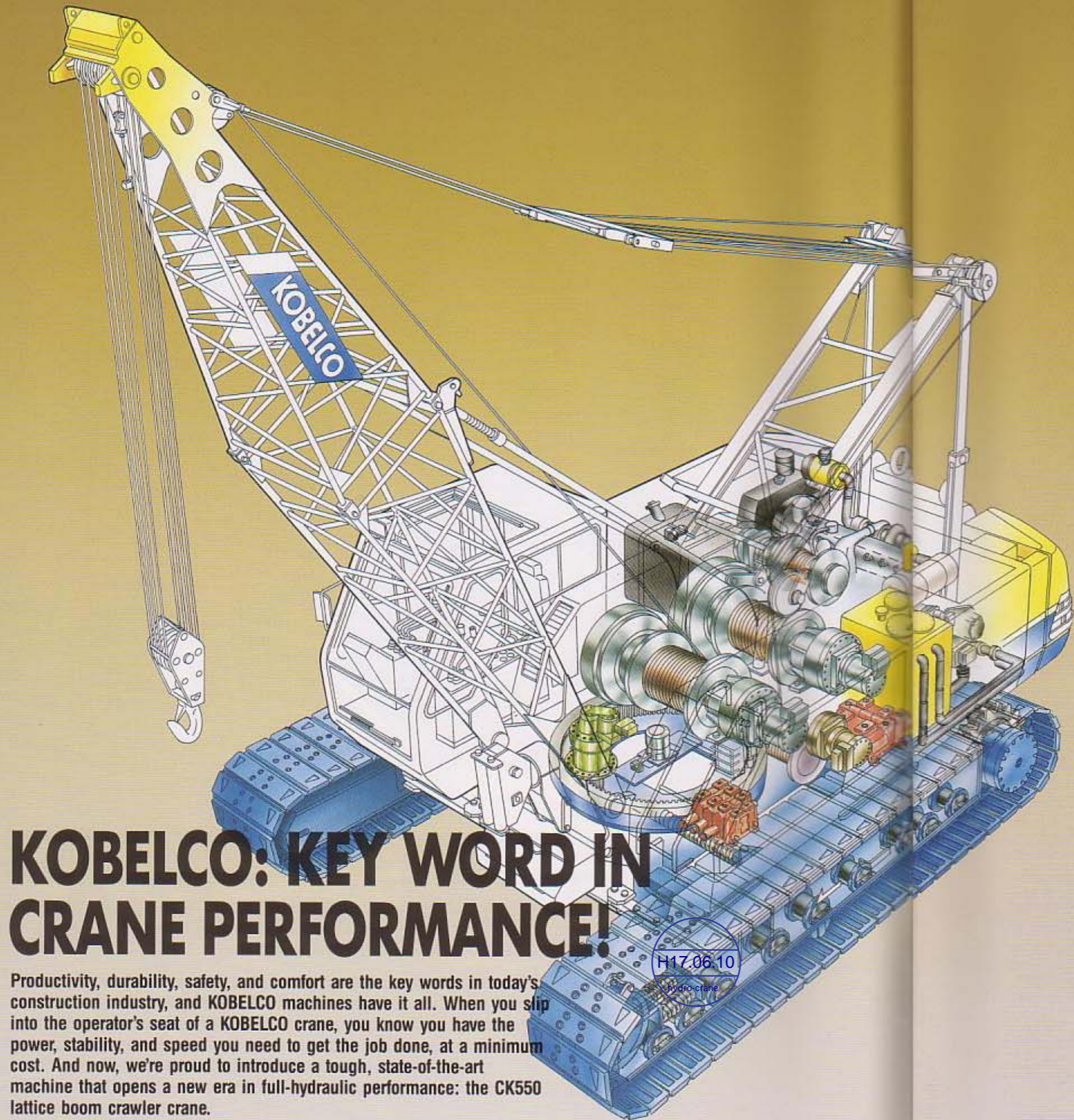
See How It Runs

Whether you're lifting a load, digging with the clamshell, or driving piles, you can see what you're doing with a clear view. The tinted front window slides up for convenient storage under the cab ceiling, and a skylight opens fully for excellent upward visibility. The low-profile rear guard gives you a good view to the sides and rear as well.

Precise Inching

Delicate work such as bolt matching and girder placement can be carried out with excellent precision, thanks to ultra slow-speed changeover devices for the H17.06.10 level. Sensitive engine control is also assured by an electric throttle that rotates just 120° to maintain comfortable wrist movement. A foot-operated throttle bar is also provided under the seat.





KOBELCO: KEY WORD IN CRANE PERFORMANCE!

Productivity, durability, safety, and comfort are the key words in today's construction industry, and KOBELCO machines have it all. When you slip into the operator's seat of a KOBELCO crane, you know you have the power, stability, and speed you need to get the job done, at a minimum cost. And now, we're proud to introduce a tough, state-of-the-art machine that opens a new era in full-hydraulic performance: the CK550 lattice boom crawler crane.

Feel the KOBELCO Difference!

The CK550 gives you the light, precise control that only full-hydraulic technology can provide. But that's only the beginning. Its unique SensaTouch Control system also lets you feel the position and movement of the load through the control lever for even greater responsiveness. The base machine has been designed for maximum versatility, so that lifting, clamshell, dragline, and piling operations can all be carried out with excellent stability and control. The upper machinery combines rugged power with a full range of operator amenities and safety enhancing features. Add it all up, and you've got a machine you can count on to give you years of dependable performance whatever your crane requirements may be.

Power Where It Counts

At the heart of the CK550 is Kobe Steel's exclusive Engine Speed Sensing (ESS) system, which features an on-board microcomputer that regulates engine and pump outputs. ESS precisely distributes the power to match the requirements of all crane functions, providing top performance with a minimum of fuel consumption.

Advanced, Full-hydraulic Operating System

The CK550 features three variable displacement piston pumps activated by a powerful 153hp, turbocharged diesel engine. Hydraulic oil flow is exact and reliable, without any delay or fluctuation. Stable, precise operation is assured for all functions, even when two or more functions are used simultaneously.

Performance You Can Trust

Reliability is one of the first things a contractor looks for in his machine. That's why we've used tough, high-strength steel in the floor plates, and developed durable hydraulic components and piping. Both the carbody and rotating bed are fabricated of all-welded steel and designed for maximum durability using the latest CAD technology. All components undergo strict testing to assure reliable, trouble-free performance. The brake and clutch have been tested with the equivalent of 8 million on/off switchings, and the durability of the frame has been demonstrated with 1 million load tests.