**SAFETY**

**Load Moment Indicator System**
An easily-to-read LCD display is installed with the overload prevention mechanism, indicating rated and actual loads and other useful data. The smooth-stop device for boom lowering prevents dangerous swaying of the load due to sudden automatic stops.

**Function Lock Lever**
Function lock lever prevents accidental operation when the operator enters or leaves the cab.

**Key-Controlled Release Switches**

**Standard Equipment**

**Main Machine**
- Free-fall function for main and aux. winch
- Boom hold pedal
- Air conditioner

**Safety Device**
- Drum safety pin
- Boom backstop
- Boom over load auto-stop device
- Hook over load auto-stop device
- Swing lock pin
- Signal horn
- Overload alarm lamp
- Cab top guard
- Fire extinguisher

**Transportation**
- Gantry cylinder • Trans-Lifter

**Others**
- Electric fuel pump • Tool kits
- Operator's manual

**Optional Equipment**

**Main Machine**
- Drum rotation indicators (front and rear drum) • Hydraulic tagline
- Electric fan • Footbrake
- One way call
- Service station for machine room
- Obstacle light

**Attachment**
- Insert boom • Hook
- Auxiliary sheave
- Fixed jib
- Luffing jib

**Simplified Maintenance**

**Check & Safety Monitor**
The check & safety monitor helps ensure safe operation and features accurate maintenance and monitoring function.

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**Counterweight Kept Below 11 tons**
Counterweight is made up of 4 sections, each weighing less than 11 tons, for ready transport by truck.

**Remote Controlled Trans-Lifter**
Trans-Lifter's remote control allows side safety checking during crawler installation and dismantling.

**Gantry Raising from Cab**
Gantry raising cylinder installed to allow simple gantry hoisting with switch control in cab.

**Simple Boom Assembly**
Side stop provided for greater safety during boom assembly. Dual tapered pin used for lower boom can easily be fitted or detatched from the outside.

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**TRANSPORTATION**

**Base machine separates upper machine and lower structure for transportation.**

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**KOBELO**

**HYDRAULIC CRAWLER CRANE**

**CKE1200**

Max. Lifting Capacity: 120.0 t at 5.0 m
Max. Boom Length: 73.2 m
Max. Fixed Jib Combination: 61.0 + 24.4 m
Max. Luffing Jib Combination: 50.1 + 44.2 m

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**KOBELO Construction Machinery Co., Ltd.**

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*Photos in this catalog may include optional items.*

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The difference Is in Its Basic Performance

Whether positioning bridge girders or constructing tall buildings, smooth and speedy operation is the most important performance. KOBELCO CKE1200 crawler crane is designed with the latest job trends in construction environment. With its excellent operability, sensitive controls, and most important, its safety features, the CKE1200 achieves the best balance in its overall performance.

In regular or tower crane operations for building construction, as well as civil engineering jobs such as clamshell, there’s more than enough capacity. The Difference is in its basic performance. The CKE1200 from KOBELCO.

PERFORMANCE

Speedy Hoisting and Lowering
Max. line speed of 160m/min on first layer provides high productivity. It is fast enough for hook lowering without using free-fall. Significantly greater efficiency and safety in high elevation work than any other cranes.

Large Capacity Drums
Large capacity drums take 26 parts of line (40 m) of 32mm diameter wire rope on the first layer. Particularly efficient for below-ground operations that involve frequent hoisting and lowering. The inner grooved drums keep winding smooth and retard side rope wear and deterioration.

ROOM, Comfortable Cab
Operator comfort is ensured by vibration-reducing rubber cab mounts a fully adjustable, upholstered seat, and an air conditioner with fresh-air vents. Reinforced tinted glass windows reduce glare, and the semi-short levers and other control devices are ergonomically located and arranged for easy control.

Precise Operation with Responsive Control
Full-hydraulic technology delivers quick, efficient operation with excellent precision. Pilot pressure-assisted control allows you to control the speed and power of each function in proportion to lever movement.

Free-Fall and Power Lowering
A choice of either power lowering mode or free-fall mode can be selected for the winch drum according to requirements.

Effective Mechatronic ESS (Engine Speed Sensing) System
Mechatronic ESS makes maximum, continuous use of engine power. It reduces loss of engine rpm through load changes in demand during simultaneous operations, keeping crane operation smooth.

On-Site Maneuverability
Independently driven hydraulic travel motors with planetary reduction gears provide three steering modes (different steering, side steering and single rotation) for optimal on-site maneuverability. Travel modes in less than back-shoe width, protecting them from damage.

CONTROLS & CAB

Appropriate Swing Power Can Be Selected
Swing power mode allows selection of NORMAL or POWER to suit job in hand. POWER mode directs hydraulic system to give priority to powering swing, with strong startups and acceleration. It’s ideal for repetitive and continuous operations.

Swing Brake Can Be Selected to Suit Job in Hand
Swing control mode gives a choice of neutral free or neutral brake. Neutral free is for tough jobs with repetitive action such as clamshell, while neutral brake is ideal for crane operations requiring locking controls.

Low Speed Swing Control
Low-speed swing control function permits the machine to swing slowly even at high engine speeds when set in neutral-brake swing mode or neutral-free low-speed swing mode.

Drum-Speed Controller
Drum-speed controller (for main and auxiliary hoist, boom hoist, and lowering the lifting tower) makes it easier to move loads horizontally.

Electric Throttle Control
Sensitive engine control is assured by an electric throttle with a twist grip.