**SAFETY**

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

Key-Controlled Release Switches
Safety enhancing mechanisms can be individually engaged or cancelled for specific operational needs by using these keys such as free-fall option and safety function. These keys can be kept by safety officer to prevent any human-error.

Optional Free-Fall Control Switches
The free-fall control switches, strategically located on the hoist levers, allow the operator to engage free-fall whenever desired without removing his hands from the control levers.

Swing Flashers
Swing flashers and a warning buzzer alert in vicinity when the machine is swinging.

Load Moment Indicator System
With the Load Moment Indicator System installed, the current load can be read and recorded at a glance. The easy-to-read LCD screen displays the overload condition it immediately stops crane operations.

**SIMPPLIFIED MAINTENANCE**

Multi-Display
The easy-to-read LCD multi-display provides current status information on such functions as engine rpm, maintenance and on-board trouble-shooting, providing the operator with an ongoing real-time assessment of the machine's conditions at a glance.

Easy Maintenance
A new engine layout on the side of the machine provides easy access for routine inspections and servicing.

**STANDARD EQUIPMENT**

Main Machine
- Boom hoist pedal
- Air conditioner
- Boom rotation indicators (front and rear (муз))

Safety Device
- Drum safety pedal
- Boom backstops
- Boom over reach auto-stop device
- Hook over reach auto-stop device
- Swing lock pin
- Signal boom
- Overload alarm lamp
- Cab top guard
- Fire extinguisher

Transportation
- Rotatable crawlers
- Counterweight self-removal
- Girder cylinder

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

**OPTIONAL EQUIPMENT**

Main Machine
- Free-fall function for main and aux. winch
- Third drum
- Hydraulic tagline
- Electric fan
- Foot throttle
- One way call
- Service platform for machine room
- Obstacle light
- Clavser self-removal

Attachment
- Insert boom
- Hook
- Auxiliary sheave

note: This catalog may contain photographs of machine specifications, attachments and optional equipment not certified for operation in your country. Please consult KOBELCO for those items you may require. Due to our policy of continual product improvements all designs and specifications are subject to change without advance notice.

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Bulletin No. CKE900 ED-101 Printed in Japan
KOBELOCO’s Awesome New Expression of Power, Speed and Efficiency.

The CKE900 crawler crane from KOBELOCO takes advantage of new technologies to raise performance to new heights. Winches with extremely powerful line-pull handle the toughest jobs, while the innovative “wet-type” multi-disc braking system provides safe and sure control with minimal maintenance. A large drum capacity promotes ultra-smooth operation and enhanced component service life. An optional full-sized third drum enables the use of an impressive selection of attachments. Add these new features to the renowned power and reliability of KOBELOCO cranes, and you have the ideal combination of lifting performance, economical operation and durability.

PERFORMANCE

Innovative Wet-Type Disc Brake System
KOBELOCO’s new oil cooled wet-type multi-disc brake system is found in its class and provides quiet, dependable braking power. Multiple discs are self-adjusting and self-exhausting. Forced circulation keeps brake temperatures cooler during long, continuous operations and maximizes smooth brake operation. The completely enclosed system eliminates the possibility of outside contamination, providing years of problem-free service life. The low brake pedal effort reduces operator fatigue when the machine is working in the optional free-fall mode.

CONROLS & CAB

Roomy, Comfortable Cab
Operator comfort is assured by vibration reducing rubber cab mounts, a fully adjustable, upholstered seat, and an air conditioner with fresh-air vents. Reinforced truss-type windshield reduce glare, and the semi-short levers and other control devices are ergonomically located and arranged for easier control.

Precise Operation with Responsive Control
Hydraulic system delivers quick, consistent and dependable operation with excellent precision. Pilot pressure-assisted control allows easy control of the speed and power of each function in proportion to lever movement.

POWER LOWERING and Optional Free-Fall
A choice of either power lowering mode or free-fall mode can be selected for the winch drums according to requirements.

Inching Control Switch
The red switch on the boom lever grip allows easy inching control for hoist, boom hoist, and travel. The operator can activate without taking his hands off the boom hoist lever.

Extremely Powerful Winches
The CKE900’s powerful winches boast a rated single line pull of 11.4 t, reducing the number of parts of line involved and improving holding speed. This results in dynamic lifting capacities and continuous trouble-free operations.

Large Capacity Drums
KOBELOCO’s innovative internal disc brake system allows for the use of wider drums to avoid the chance of uneven winding, while extending the service life of the wire rope. An optional third drum is now full sized, allowing for more attachment options and better operation coordination.

On-Site Manoeuvrability
Independently driven hydraulic travel motor with planetary reduction units provide three operating modes (differential steering and counter rotation). The on-site manoeuvrables are less than track shoe width, protecting them from damage.

TRANSPORTATION

Transportation

• Crawlers extends to 3,500 mm for transportation.
• Boom sections can be transported side-by-side on a trailer.

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

Self-Erecting and Transportation
KOBELOCO has designed the CKE900 to be assembled and disassembled without the need of an assist crane by employing a counterweight self-handling system. The complete crane can be transported on three trucks (each under 45 tons) and assembled by three men in less than half a day.