KOBELCO
Your competitive edge.

Features
Upper Machinery

Upper Frame
The upper frame is fabricated from all-welded alloy steel and is CAD designed for durable strength.

Innovative Wet-Type Disc Brake System
KOBELCO's new oil-cooled wet-type multi-disc brake system is first in its class and provides quiet, dependable braking power. Multiple discs are self-adjusting and self equalizing, minimizing maintenance requirements. Periodic oil circulation keeps brake temperatures cooler during long, continuous operations and maximizes smooth brake operation. The completely sealed system eliminates the possibility of outside contamination, providing years of problem-free service life. The low brake pedal effort reduces operator fatigue when machine is working in the free-swing mode.

Incredibly Strong Winches
The CK 1000's powerful winches boast a rated single-line pull of 25,100 lbs., reducing the number of parts of line involved and improving hoisting speed. The result is dynamic lift and continuous trouble-free operations.

Large Capacity Drums
KOBELCO's innovative internal disc brake system allows for the use of water drums, reducing the chance of uneven winding, while extending the service life of the wire rope. An optional third drum is now fully sized, allowing for more attachment options and better operation coordination.

Additional Features of the CK 1000:
- Limited slip differential in both weight classes, 30 ft. jib (100 ft. radius).
- Optional jib extension is available to power attachments for foundation work.
- Full hydraulic, audible, swing alarm.
- Rear working lights.

KOBELCO CK 1000 Std.
- Wet-type disc brake mounted in winch drum.
- Hydraulic motor

Other Cranes
- Conventional, externally-mounted band brake

Hydraulic Crawler Crane
With Wet-Type Multi-Disc Brakes
It takes a true competitive edge to get ahead in today's construction market. Good ideas are not always enough—it takes the right kind of company to make good ideas a reality.

Kobelco's new CK1000 Crawler Crane is the result of the best ideas and technologies in the world. It is engineered for efficiency, comfort, durability and productivity to be the best Kobelco has ever offered the crane market—the best crane you'll ever buy.
Kobelco has designed an innovative full hydraulic system for the CK1000. It performs all crane operations including load hoist, boom hoist, swing and propel operations, free-fall, as well as counterweight and travel frame installation and removal.

**Precision and Control**
- Full hydraulic technology delivers quick and efficient operation with excellent precision.
- Manual-assisted control allows exact manipulation of speed and power for each function in the lower movement.
- The high-torque swing motor with planetary reducer ensures smooth swing at a maximum speed of 3.5 rpm.
- Swing disc brake is spring set and hydraulically released.

**MAINTENANCE**

**Tough, Maintenance-Free Durability**
Careful attention has been paid to every detail of design so that the CK1000 stays on the job, not in the shop. Routine checks can be conducted easily with the help of service compartment doors that provide full access to the engine and hydraulic components. From the wet-type disc brake system to the easy-access engine layout, the CK1000 is one of the easiest machines in its class to maintain.
- Double-lipped connecting pins for base boom.
- Cast iron rollers and idler sprockets are lubricated and sealed for long, trouble-free service.
- Safety, tensioning, and lowering cylinders.
- New machinery layout simplifies engine checks and routine maintenance.

**Simplified Maintenance**
The disc brake system makes drum brake lining replacement or adjustment an easy task. Also, a new engine layout on the control side provides easy access for routine inspections and servicing.