



SCX500

HYDRAULIC CRAWLER CRANE

Maximum Rated Load : 50 t at 3.8 m working radius

Basic Boom Length : 10 m

Maximum Boom Length : 52 m

Engine Power : 132.4 kW (180 PS)

Operating Weight : 49.2 t



HITACHI SUMITOMO

Enhanced Operator Comfort

Adjustable Deluxe Seat and Control Levers
for Pleasant Operation with Less Fatigue



Operator Comfort and Operating Ease

- Electric tilt-type lever stand and adjustable deluxe seat
- Large, curved front glass window for upward/downward visibility
- Short-type lever allowing lever-to-lever spacing adjustment
- Easy-to-read control panel
- Quiet cab thanks to shock-absorbing rubber mounts and well-sealed sliding door
- Emissions control engine

Note : ●Decal and caution plates, affixed to the machine, vary depending on countries.
Pictured are those for the Japanese market.
●Pictured includes optional equipment.
●"Ton" or "t" implies metric ton in this catalog.



Note : The machine is painted in a customer's selected

Operating Ease

Precision Crane Operation with the Drum Speed Sensing System



Fine Inching with the Lever-mounted Drum Rotation Sensing System

Dependable inching operation is ensured even when the load is invisible -- i.e., deep crane operation under the ground with the help of a signal man, or extracting piles with a vibration hammer. The system enables the operator to feel drum rotation beginning at the fingertips.

Coupled with the fine-speed control system featuring a wide control range, increases controllability and productivity are increased.

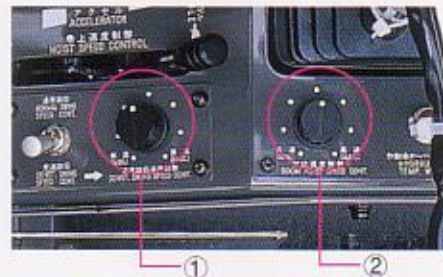


Work mode switch crane/Bucket mode



Electric Finger-Touch Accelerator Grip

The electric finger-touch accelerator grip, provided atop the swing lever, is a new control system, featuring good throttle response. The operator can choose from the accelerator grip, or the conventional accelerator lever and pedals according to job requirements.



① Constant-Speed Swing Control

With a dial switch, swing speed can be kept nearly constant within a certain range, regardless of engine speed. During high-lift operation, this feature is advantageous, permitting slow swing with quick hoisting. With a selector switch, normal swing can be selected.

② Independent Fine-Speed Control of the Boom

With a dial switch, boom hoisting/lower-ing speeds can be adjusted, continuously and independently, within a 20% to 100% range of normal speed to adapt to slight changes in working radius.

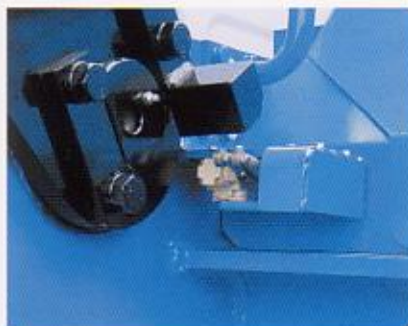
Safety-First Design

A wide an Array of Devices: Ergonomic Levers,
Rounded Lever Stand,
Easy-to-Read Control Panel and Numerous Locking Mechanisms



Cushioned Boom Stops

A cushioned boom stop mechanism is provided to reduce shock due to abrupt stops such as automatic stops from boom over-hoisting or overloading.



Secondary Boom Overhoist Prevention Device

Even if the boom or hook overhoist prevention device fails, the secondary boom overhoist prevention device prevents boom and/or hook overhoisting. Alarm bell and buzzer sound to warn the operator. Also, the engine shut down to prevent damage due to boom imbalance.



① Keyed Auto Brake Mode Release Switch

This switch disables transfer from auto brake mode to free fall mode.

② Keyed Auto Stop Release Switch

The auto stop release switch is fitted with a key to prevent inadvertent release of auto stop devices.



Brake Mode Selector

The brake mode selector is provided on the lever stand. Indicators enable the operator to differentiate brake mode at a glance.

Auto brake mode(green indicator)

Free fall mode(red indicator)



Pilot-Control Shutoff Lever Prevents Misoperation During Operator Ingress and Egress

Drum Locking Mechanism

Each drum is locked automatically when the key switch is set to OFF or ACC position.

Interlock System

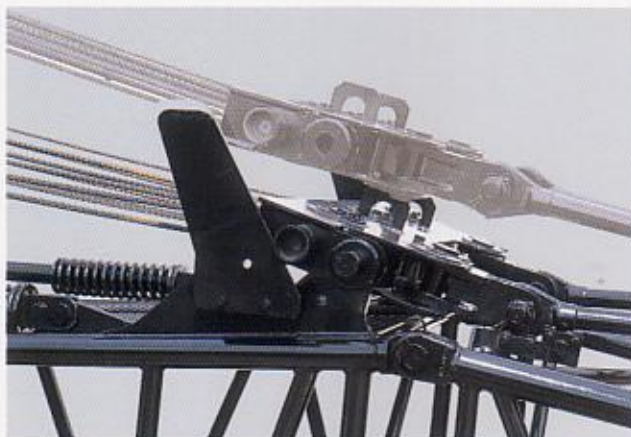
This system does not allow the engine to start unless the swing brake is locked and the hoisting brake is set to the auto brake mode.



Note :The machine is painted in a customer's selected color.

Superb Job-to-Job Mobility

Increased Mobility
Thanks to Technological Advances



Bridle joint guides adopted for increased ease of boom disassembly and reassembly



Side frame extend/retract switch



Dual taper pin and stopper

