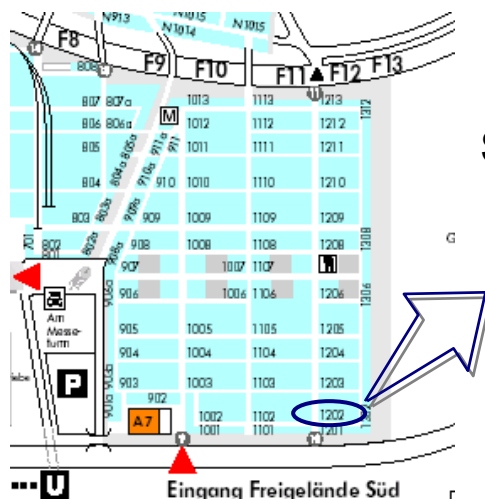




Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd.

「bauma 2007」 Preview Information

We, Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd., (hereinafter briefly referred to as HSC), Tokyo Japan, will be exhibited four models of crawler crane at “bauma 2007” at Munich during 7 days from April 23rd to 29th.



Stand No. F12/1202/4

Models

- | | |
|-------------------|----------------------------|
| SCX400T | Telescopic Boom |
| SCX800HD-2 | Heavy Duty |
| SCX1200-2 | Lift Crane |
| SCX2800-2 | Luffing Tower Crane |

In July 2002, HSC was established by integrating the crane section of Hitachi Construction Machinery Co., Ltd. that developed the first all-hydraulic crawler crane in the world and Sumitomo Heavy Industries Construction Crane Co., Ltd. that has the history of a technical tie-up between Link-Belt Construction Equipment Company. HSC has created a new corporate culture of “one brand, one sales channel” as "HITACHI SUMITOMO", and has aimed at a global leader of the crane business. The products get patronage in global market.

Concentrating the technology, knowledge and achievement through the long history of HSC, SCX-2 series was debuted under the concept of “simple, refine and reliable”, this series is aimed at not only excellent productivity and profitability but also operation accuracy, operation comfort and high safety level. A Tier 3 engine is also applied for good environment.

And HSC and Link-Belt are developing a new hybrid model that combines optimal technologies from both companies under excellent partnership.

HSC will exhibit total four models at bauma 2007, three models from SCX-2 series and one joint development model between HSC and Link-Belt, and we are looking forward to seeing you at our stand.

Please look forward to Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd. with offering attractive products.

< Features of SCX-2 series are as follows: >

Bigger drum horse power at widely used rope line speed range.

A bigger drum horse power (line pull by line speed) is realized under quite new winch drum design with a specially-tailored power increase control system that maximizes engine output under any load condition in whole range of engine rpm.

Wider drum is designed.

Front and rear main operating drums are able to wind up long cable at drum first layer; it accordingly results in longer cable life under a right cable winding into drum.

A newly designed operator's cab.

In consideration of operator comfort, a new operator's cab much improves the visibility thru front and both side windows of the cab under simplified layout of control station. In addition, a reinforced light green-tinted safety glass is adopted in front window to protect operator from ultraviolet rays and airborne debris.

For easy entry and exit to and from the cab, and smooth door opening and closing, a swing-link type large sliding door is designed. And, a swing-link door design certainly eliminates a troublesome occurrences like a gathering the mud into rail groove, rail-rust and so on unlike rail-slide door.

Slidable control station and operator seat.

To set most of suitable operator position, both right-and left-hand control stations are designed to simultaneously slide 60 mm back and forth together with operator seat, and operator seat is able to slide 80 mm independently too.

Our own designed new Load Moment Indicator.

The Load Moment Indicator (LMI) is reliable computerized safety device developed under our own accumulated technique in the past. An easy-to-read LCD graphic display panel is well designed and a reflection-less display panel is provided on a new LMI with setting ease of viewing angle. In addition, no zero-point adjustment, and data input thru interface counter-indication/message on display panel are available for easier and certain setting of operating conditions and LMI functions. Of course, "present lifting load", "rated load", "load ratio", "working radius", "boom angle", "engine rpm" and so on are indicated on the LMI display panel. Further, displayed picture and menu

selection can be easily set up by panel switch in accordance with operation situation and condition.

LMI automatically sets front-end att. erection mode with letter message.

In the range out of crane working area, the LMI display panel automatically indicates “Now, out of crane working range” with a rigging instruction, and it is available to lift front-end att. Off ground without the influence of LMI safety functions, and, after front-end att. is lifted over the range of crane working area, LMI safety function gets back automatically for safe erection work.

Fool proof shut-off system.

To insure safety when the operator leaves the cab, a main hydraulic shut-off switch is located in the cab exit to deactivate and lock the hydraulic system.

Boom speed slowdown function.

This function is available just before automatic stopping of boom motion at both upper and lower side limits of boom angle to prevent a shock even though control lever is still at hoisting/lowering position. This function is also available when over-loading in the case that working radius exceeds the specified one.

Dual boom over-hoist limiting device.

Further to boom over-hoist limiting function by the limit switch and LMI safety circuit, an additional limit switch is located on boom backstops for redundant boom protection.

Advanced clutchless multiple wet-disc brake is well designed, and ensures continuous heavy-duty operation.

The front/rear main winch drums and optional 3rd winch drum use a multiple wet-disc brake, and a forced-oil cooling system is designed to sustain brake performance even in continuous operations such as hammer grabbing.

This brake system requires no maintenance unlike a conventional drum brake with linings.

Accordingly, it results in reducing the machine maintenance cost greatly.

A newly developed mechanism is used on the brake design to reduce drag resistance and it realizes a smooth friction-off between discs even though the standardized high viscosity hydraulic oil is utilized, contributing to longer life of hydraulic pumps and motors.

New negative brake system much reduces operator fatigue and enhances safety.

With a new negative brake of spring-applied/power hydraulically released design applying dynamic hydraulic pressure for its release control, an effective braking can be done under an extreme light foot pedaling, and it accordingly results in greatly reducing operator fatigue especially during winch free-fall operations under duty cycle applications. Further, the use of negative brake system maintains a high level of brake safety even if a hydraulic pressure drop in the circuit happens.

(This system is available as optional for SCX2800-2)

Side frame can be assembled easily under “hook-on design” with hyd. removal joint pins.

Thanks to “hook-on design” with hydraulic removal joint pins, crawler side frames can be easily assembled and disassembled on and from car-body frame, and it accordingly results in a time saving task.

(This system is equipped on SCX1200-2 and SCX2800-2)

Boom live mast with quick-draw cylinder and independent counterweight self-removal system.

A self-assembling device is standardized with designs of “quick-draw system with boom live mast” and “a full counterweight self-removal device”, for a good, high safety, accuracy assembling/disassembling work under lesser cost in cooperation with “hook-on design” with hydraulic removal joint pins for crawler side frames. Further, for the basic machine, it is able to transport under 45t weight / 3m width as an European road regulation.

(This system is equipped on SCX2800-2)

Model	SCX400T
Specification	Telescopic Boom / Lift Crane
Max. lifting capacity	40t x 2.5m
Boom length	10.06m - 32m
Engine	Isuzu 4HK1X (stage 3 emission)
Rated output	147kW/2100min-1 (200ps/2100min-1)



Model	SCX800HD-2
Specification	Heavy Duty
Max. lifting capacity	80t x 3.4m
Boom length	9.5m - 54.5m
Boom + Jib length	42.5m + 18m
Engine	Isuzu 6HK1X (stage 3 emission)
Rated output	212kW/2000min-1 (288ps/2000min-1)



Model	SCX1200-2
Specification	Lift Crane
Max. lifting capacity	120t x 4.5m
Boom length	15m - 72m
Boom + Jib length	60m + 28m / 63m + 22m
Engine	Isuzu 6HK1X (stage 3 emission)
Rated output	212kW/2000min-1 (288ps/2000min-1)



Model	SCX2800-2
Specification	Lift Crane / Luffing Tower Crane
Max. lifting capacity(Crane)	275t x 4.3m
Max. lifting capacity(Luffing)	80t x 9.3m
Boom length(Crane)	15.25m - 91.45m
Boom + Jib length	70.1m + 36.55m
Boom length(Luffing)	21.35m - 60.95m
Tower + Jib length	60.95m + 60.95m
Engine	Mitsubishi 6M70-TL (stage 3 emission)
Rated output	272kW/2000min-1 (370ps/2000min-1)



Note: Photos may include optional equipment and accessories, and may not include all standard equipment.