



Hitachi Sumitomo launches largest crawler-mounted crane

Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd., (HSC) has introduced the 6000SLX crawler-mounted crane to the international market. With a maximum capacity of 550 tonnes, the 6000SLX is the largest machine to be launched by the Tokyo-based manufacturer. It was developed by HSC to meet growing global demand for cranes that are required for use in oil refineries and nuclear power plants, and in industries such as wind turbine construction.

FEATURES

- 1) The 6000SLX has a higher lifting capacity than other machines in its class, especially in working range under a longer boom or luffing jib. Its boom specifications are as follows:
 - a) Lift crane att. : 24m~96m (with heavy duty boom)
42m~108m (with long range boom)
 - b) Luffing tower att. : tower length 24m~72m
luffing jib length 24m~72m
- 2) The width of the 6000SLX is less than 2990mm to meet international road regulations and make it easy to transport. To meet national regulations on cargo weight, it has been designed with a two-block construction consisting of an upper revolving frame that weighs 31 tonnes, and a hydraulic undecking device between the main structure and undercarriage.
- 3) To ensure quick and efficient assembly and disassembly, the 6000SLX benefits from a hook-on design. The simple structure incorporates a hook on an attached pin and a hydraulic cylinder for securing in place. Hydraulic removal joint pins are used to install the crawler side frames and weights to the machine body, as well as front and rear revolving frames. All pins, including boom foot pins, can be installed by hydraulic cylinder.
- 4) Optional upper jacks and a quick-draw cylinder are available for self-assembly and disassembly without the need for an assisting crane.
- 5) An optional 7.62m jib, which can be mounted on the 96m heavy duty boom, is available for the 6000SLX when required for the construction of wind turbines.
- 6) Optional side jacks are available to lift all attachments without the need for an assisting crane.
- 7) For greater operator comfort, the 6000SLX is equipped with a spacious 1,200mm-wide cab.

- 8) The upper counterweights on the right- and left-hand side of the crane are the same size and weight, ensuring easy assembly.
- 9) The machine's Isuzu 6WG1 engine meets current stage/Tier3 emission regulations in Europe, America and Japan.

Model name :	6 0 0 0 S L X	
Max. lifting capacity : Crane		550 tonnes (in SL-T spec.)
	Luffing jib	210 tonnes
Front/rear main drum line speed		110m/min
Boom hoist drum line speed		42m/min
Slewing speed		1.0min ⁻¹
Travel speed		1.5 / 1.3 / 0.6km/h
Basic boom length		24m
Max. boom length (heavy duty boom)		96m
	(long range boom)	108m
Tower length		24m~72m
Luffing jib length		24m~72m
Max. tower + max. luffing jib length		72m+72m
Engine		ISUZU 6WG1
Engine-rated output		397kW (540ps/1,800min ⁻¹)



6000SLX

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