



News Release

October, 2008

Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd.

We, Hitachi Sumitomo Heavy Industries Construction Crane Co., Ltd., Tokyo, Japan, has launched model SCX900HD-2, 90t capacity heavy duty machine, in October 2008 throughout the world.

The SCX900HD-2 is developed on the reputable SCX900-2 design basis, and mounts a bigger 272kW(370ps) prime mover for heavy duty front and rear main winches developing 25t line pull as maximum. These two winches use a multiple wet-disc brake, and a forced-oil cooling system is designed on these winch brakes over good heavy duty jobs like hammer grab without over-heating of brakes.

1. Features ;

1-1 . A 272kW bigger engine horse power ;

1-2 . A 25t line pull front / rear winch drums with 28mm diameter cable ;

These winch drums are developed under a quite new design concept, and realizes better feeling over brake operation in not only general lift crane work but also duty cycle job;

1-3. An aluminum-make oil cooler with an independent cooling fan for better oil cooling and heat balance; located separately from engine radiator ;

1-4. A larger sliding cab door for better entry and exit to and from the cab;

1-5. A high quality LCD display panel is taken on a new LMI, and indicates actual load, rated load, load ratio, working radius, boom angle and engine rpm simultaneously for operator's better understanding to what is current machine operating conditions. And, a voice warning, and letter warning on display panel are both given whenever lifting load moment reaches 90% of rated one;

1-6. Engine meets Stage / Tier 3 of current smoke emission regulation for off-road diesel engine in Europe, America and Japan;

2. List price ; JPY 111,000,000- (Lift-crane std. spec.)

3. Annual Number of Sales : 20 machines

4. Gist of Specification ;

Model name	SCX900HD-2
Specification	Lift-crane
Max. lifting capacity	90t×5.0m
Basic boom length	12m
Max. boom length	60m
Engine Make & Model	Mitsubishi 6M70-TL
Engine Rated output	272kW/2000 min ⁻¹ (370ps/2000 min ⁻¹)

