

Introduction of the new CCH3000 Crawler Crane

IHI Construction Machinery Limited announces the release of the new CCH3000 Lattice Boom Crawler Crane in March, 2009 on the international market. The new CCH3000 is the largest crane in the product range of IHI Crawler Cranes with a maximum lifting capacity of 300 metric tons. It was newly designed to meet a growing customer need for bigger capacity cranes.

<About the new IHI CCH3000>

1. Powerful Engine

The CCH3000's engine generates a rated power output of 280kW (375PS), an increase of 15.7%, compared with 250t class cranes.

2. Conformity to exhaust gas regulations

The installed engine complies with EU stage IIIA and US EPA Tier 3 exhaust gas and emissions regulations.

3. Operation

- ① The low center-of-gravity design provides superior stability.
- ② The new 1.5m Auxiliary Jib (2 part lines) can be added on to the CCH3000. This new Auxiliary Jib enables the crane to lift twice as much load (25t) and enhances operation efficiency.
- ③ Anti-rolling wire ropes on the CCH3000 prevent the ropes from becoming entangled.
- ④ Glare-free windshield, radio, intermittent windshield wipers, sunshade, and stow box are fitted as standard on this model.

4. Easier maintenance

A wide open space between the cab and the counterweights allows easy access to the engine room for inspection and maintenance.

■ Specifications

		CCH3000
Max. lifting capacity		300t x 5.0m
Max. Boom and Jib combination		109m (72m Boom + 37m Jib)
Traveling speed	Low / High	1.0 / 0.5km/h
Engine	Model	Cummins QSM
	Displacement	10.8 L
	Rated output	280kW/2,100min ⁻¹
	Peak torque	1,898Nm/1,400 min ⁻¹
Fuel tank capacity		450 L
Ground bearing pressure		1.19kgf/ cm ² (117.1 kPa/cm ²)
Total operating weight (18m Basic Boom)		Approx. 256t