

Introduction of the new CCH-EX Series Crawler Cranes

IHI Construction Machinery Limited launched the new CCH-EX Series Lattice Boom Crawler Crane in July, 2009 on the international market. All the CCH-EX models are equipped with counterweight removal system for easier assembly of a crane as standard, as a core feature of the series.

<About the new IHI CCH-EX Series Crawler Crane>

1. Models

The EX series have 50 ton, 70 ton, 90 ton, 120 ton and 250 ton capacity crawler cranes.

2. Conformity to exhaust gas regulations

The installed engines on the models comply with EU stage IIIA and US EPA Tier 3 exhaust gas and emissions regulations.

3. Efficient operation

- ① All the models of the CCH-EX series come with counterweights removal system as standard, which enables easier and quicker assembly and disassembly at job sites, regardless of availability of a supporting crane.
- ② Glare-free windshield, radio, intermittent windshield wiper, sunshade, and stow box are fitted as standard.

■ Specifications

Model		CCH500EX	CCH700EX	CCH900EX
Max. lifting capacity		50t x 3.7m	70t x 3.8m	90t x 4.0m
Max. Boom + Jib combination		57m (42m + 15m)	63m (45m + 18m)	68m (46m + 22m)
Engine	Model	Cummins QSB	Cummins QSB	Cummins QSB
	Rated output	149kW/2,100min ⁻¹	149kW/2,100min ⁻¹	179kW/2,000min ⁻¹
	Peak torque	742Nm/1,500min ⁻¹	742Nm/1,500min ⁻¹	990Nm/1,500min ⁻¹
Counterweight (with Removal system)		17.7t	26.3t	24t + 10.5t crawler weight
Total operating weight		51.4t	68.1t	84.2t
Ground bearing pressure		0.67kgf/cm ²	0.69kgf/cm ²	0.84kgf/cm ²

Model		CCH1200EX	CCH2500EX
Max. lifting capacity		120t x 5m	250t x 4.7m
Max. Boom + Jib combination		88m (63m + 25m)	109m (72m + 37m)
Engine	Model	Cummins QSC	Cummins QSL
	Rated output	224kW/2,100min ⁻¹	242kW/2,000min ⁻¹
	Peak torque	1,356Nm/1,500min ⁻¹	1,424Nm/1,500min ⁻¹
Counterweight (with Removal system)		42.6t	88.9t + 29t car body weight
Total operating weight		122.5t	210t
Ground bearing pressure		0.87kgf/cm ²	1.07kgf/cm ²