

Introduction of the new IC50 & IC75 Crawler Carriers



(IC50)



(IC75)

IHI Construction Machinery Limited announces to release the new and low-polluting IC50 & IC75 Crawler Carriers from July 1, 2010. The new models are to replace former models of IC45-2 & IC70, employing the development concepts of "Eco-friendliness", "Easiness of operation", "Simpler maintenance", "Durability".

■ Features.

1. High Power yet low fuel consumption
 - ① The IC50' engine generates 22% more horse power with 22% lower fuel consumption. (Comparison with IC45-2)
 - ② The IC75's engine generates 26% more horse power with 20% lower fuel consumption. (Comparison with IC70-2)
2. Enhanced operator room safety
The ROPS Cabin/Canopy provides operator security.
3. Exhaust gas conformity
The engine conforms to CE stage IIIA and EPA Tier 3 exhaust gas and emissions regulations.
4. Noise conformity
The noise levels are in conformity with CE Stage II.

5. Operability

- ① The low center-of-gravity design provides superior stability.
- ② The high-back suspension seat offers comfortableness and fatigue reduction.
- ③ The engine can be throttled easily by electronic control dial.
- ④ The centralized switches on the right allow easy visual check.

6. Easier maintenance

- ① The wide-open covers allow accessibility for inspection and maintenance.
- ② The centralized filters enable easier inspection and maintenance.
- ③ The segmented sprocket simplifies its replacement work.
- ④ The 2-partial bumpers allow easier servicing.

7. Reliability and durability

- ① The highly durable and tough lower rollers are employed.
- ② The instrument panel is protected by water-resistant structure.
- ③ The super worn-resistant steel plate is employed for the vessel bottom.

■ Specifications

Model		Unit	IC50	IC75
Payload		Kg	4000	6500
Machine Weight		Kg	6330	10300
Travel Speed	Low/High	km/h	7.5/12	8/11.5
Dimension	Total Length	Mm	4465	5420
	Total Width	Mm	2290	2585
	Total Height	Mm	2505	2855
Engine	Name	-	ISUZU 4JJ1X	ISUZU AH-6HK1X
	Type	-	DI Turbo	DI Turbo
	Displacement	Cc	4-2999	6-7790
	Rated Output	kW(PS)/min ⁻¹	89.7(122)/2200	208(283)/2000
Fuel Tank Capacity		ℓ	120	200
Ground Presser	At laded	kPa/cm ²	35.6	39.1