

DA LI HAO
2500 TONS FLOATING CRANE



PRINCIPAL PARTICULAR	
Built	1980, Ishikawajima-Harima Heavy Industries Co. Ltd, Japan
Class	NK
Flag	China
Length (Moulded)	100.00 m
Breadth (Moulded)	38.00 m
Depth (Moulded)	9.00 m
Draught	5.20 m
Navigation Draft	3.70 m
Gross Tonnage	10027 T
Net Tonnage	8422 T
Complement	60 persons
GENERATOR	
Main Generator	2 sets x AC 1200 KW x 600V x 50Hz
Diesel Engine	2 sets x 1800 BHP x 750 rpm
Aux. Generator	2 sets x AC 300 KW x 380V x 50Hz
Diesel Engine	2 sets x 470 BHP x 1000 rpm
PROPELLING MACHINERY	
Type	2 sets x IHI Duckpeller DP - 25
Each Max. Cont. Input & Revolution	1000 ps x 750 rpm
Propeller	4 - bladed kaplan type with krot nozzle, Dia. 1710 mm

Diesel Engine	1000 BHP x 750 rpm
Rate Speed	5 kts
CRANE	
Main Hoist	
Main Hoist	Load 2500 T at fixed condition at jib aft Load 500 T at full revolving condition
Max. Load Working Radius	2500 T x 35 m - 45 m (fixed) 500 T x 35 m (revolving)
Max. Working Radius	920 T x 64 m (fixed) 100 T x 64 m (revolving)
Lift	66 m (total)
Speed (Average)	3 m/min (0 - 500 T) 1.5 m/min (500 - 2500 T)
Aux. Hoist	
Aux. Hoist	Load 200 T at full revolving
Max. Load Working Radius	200 T x 39.1 m - 56 m
Max. Working Radius	80 T x 70.8 m
Lift	122 m (total)
Speed (Average)	9 m/min
Whip	
Whip	Load 20 T at full revolving
Max. Working Radius	20 T x 80 m
Lift	80 m (total)
Speed (Average)	25 m/min
Motor	
Hoisting	500 KW x 2 main and aux 1 x 100 KW whip
Derricking	1 x 750 KW
Slewing	4 x 100 KW
Control	SCR. Leonard Control
Power Supply	AC 600V 50Hz
Grab, Bucket	
Self Weight	110 T
Capacity	About 11 m ³
Operation	By aux. hoist
DECK MACHINERY	
Windless	2 sets x Hydraulic motor driven with one chain sprocket
Capacity	22 T x 9 m/min for Dia. 70 mm chain cable

