



Vessel Specification “Wei Li” DP II 3000T Self-Propelled Crane

3000T Full Revolving Crane

Crane	:	Main hoist	Auxiliary hoist	Whip hoist
Type of hook	:	Single hook	Double hooks	Single hook
Load	:	3,000T--900T at fixed condition at jib aft 2,600T--360T at full revolving condition 3,000T	700T--165T at fixed or at full revolving 700T	50T
Working radius	:	19.5m-40m(fixed) 900T 19.5m-73.2m(fixed) 2,600T 19.5m (revolving) 2,100T 27.4m (revolving) 360T 19.5m-73.2m(revolving)	22.3m-40m 165T 22.3m-85.3m	25m-88.4m
Lifting of distance	:	86m	250m	111m
(including distance under main deck)				
(Lifting speed)	:	2.4m/min 3,000T 5.2m/min 1,000T 5.8m/min No Load	11.7m/min 19m/min	59m/min 63m/min

Class Of Ship

CCS, Floating Crane, Salvage Ship, Ice Class B, DP-2, Accommodation, Helicopter deck

Principal Particulars

Length	: 141.00m
Breadth	: 40.00m
Depth	: 12.80m
Draught	: 8.5m
Navigation draft	: 5.6m
Displacement	: 41,300T (Lifting Draught) 26,000T (At Navigation Draught)
Complement	: 240 persons
jib fixed aft	: 3,000T x 40m

Dynamic Capacity

Wind Speed Level 6 , Current 3 Knots, DP2
More Details see attached drawings

Machinery Of Deck

Positioning Winch	: 8 sets
Brake load	: 2,600kN (2nd layer)
Wire Diameter	: $\phi 66$ mm
Storage Capacity	: 2,000 m
Mooring Depth	: 200 m
Heavy Line	: 800kN(Mid-Layer)0-15 m/min
Light Line	: 400kN(Mid-Layer)0-45 m/min
Windlass	: 2 sets
Weight of anchor	: 7.8T
Capacity	: 20T x 9m/min dia.=78mm
Positioning Winch	: 8 sets
Weight of Positioning winch anchor	: 8T each
Capacity	: 80T/Light Load x 15/45m/min
Line length	: 2,000m
Small crane	: one sets at port with four portable locations
Capacity	: 20T@10m-10T@25m
Free deck Area	: > 2,500M2(See GA)

Generator

Total Generator Power	: 22,620kw
Main generator	: AC 4,320kw x 6,600v x 50HZ/4 sets
Diesel engine	: 4,500kw x 750R.P.M./4 sets
Aux. generator	: AC 2,195kw x 6,600v x 50HZ/2 sets
Diesel engine	: 2,310kw x 750R.P.M/ 2 sets

Propelling Machinery

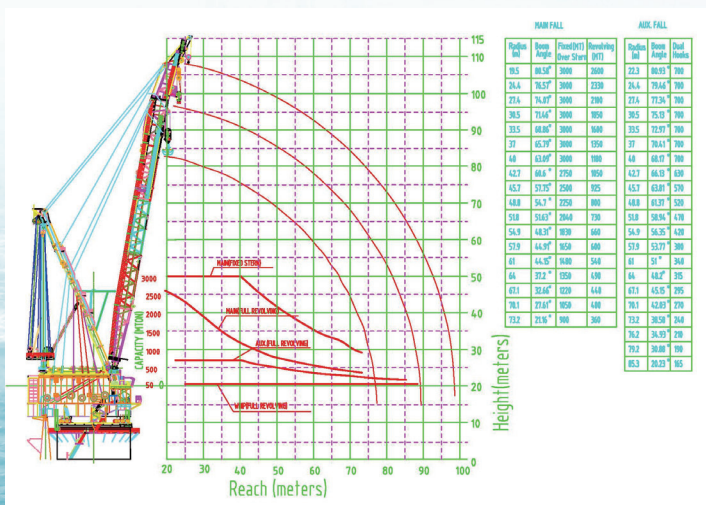
Total Thrust Power	: 15,000kw
Azimuth Propeller	: 4,500kw x 2 sets
Retractable Propeller	: 2,000kw x 2 sets
Tunnel Propeller	: 2,000kw x 1sets
Rated Speed	: about 12 KTS

Ship Control System

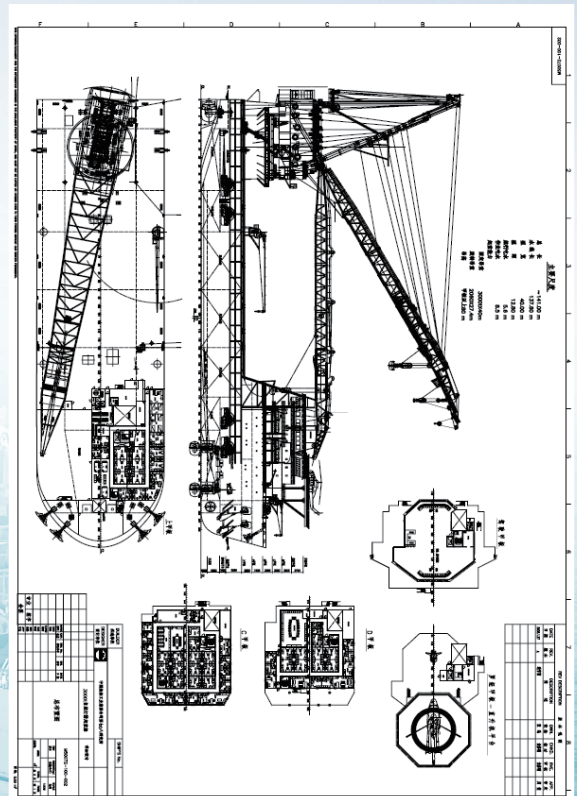
Kongsberg Kpos DP2, K-Thrust, K-Winch, K-Chief 700,
K-Bridge, K-Line Hardware and Software has been
integrated into this ship.

Space Preserved For Pipe-laying System

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Lifting Capacity Curve



The specification is given in good faith but are without guarantee.