



**SPECIALLY
DESIGNED
FOR FLOATERS**

MODEL SD7525

CRANE SPECIFICATION

- Kingpost Offshore Pedestal Crane
- Diesel Engine Driven
- Ambient Temp Structure – Minus 20° C
- Ambient Temp Operating – 10° C to 50° C



THE SH FLOATER SERIES ARE DESIGNED, CONSTRUCTED AND CERTIFIED IN COMPLIANCE WITH THE FOLLOWING REGULATIONS:

American Bureau Of Shipping

- Guide for Certification of cranes, 2007

American Petroleum Institute

- API Specification 2C
Specification for Offshore Cranes
Sixth Edition March 2004
Dynamic Co-efficient Cb =2.0

DNV

- DNV Lifting Appliances 2008

Type	Diesel Hydraulic 360° Swing Lattice Boom
Classified Area	Safe Area
Prime Mover	Diesel Engine with 1500HP

Boom Length: 30 Meters		
Hoist	Radius in Meters	Rated Load in Metric Ton
Main Hoist	5.71	75.00
	33.40	30.45
Aux Hoist	All Radius	12.00

Boom Length: 36 Meters		
Hoist	Radius in Meters	Rated Load in Metric Ton
Main Hoist	6.49	75.00
	39.40	29.22
Aux Hoist	All Radius	12.00

Boom Length: 42 Meters		
Hoist	Radius in Meters	Rated Load in Metric Ton
Main Hoist	7.00	75.00
	45.40	24.92
Aux Hoist	All Radius	12.00

CALL US FOR OUR RANGE OF CRANES FOR FLOATERS



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SD7525 – 42M BOOM OFFSHORE PEDESTAL CRANE API AND DNV LOAD RATING CHART

EIGHT (8) PART LINES								
Radius		ONBOARD LIFT				OFFBOARD LIFT		
		HSIG	HSIG	HSIG	HSIG	HSIG	HSIG	HSIG
METER	FEET	0M	1M	2M	3M	1M	2M	3M
MAIN HOOK RATING								
7.00	22.96	75.00	59.15	51.63	45.50	42.50	38.95	27.68
8.00	23.24	75.00	59.15	51.63	45.50	42.50	38.95	27.68
9.00	29.53	75.00	59.15	51.63	45.50	42.50	38.95	27.68
10.00	32.81	75.00	59.15	51.63	45.50	42.50	38.95	27.68
11.00	36.09	75.00	59.15	51.63	45.50	42.50	38.95	27.68
12.00	39.37	75.00	59.15	51.63	45.50	42.50	38.95	27.68
13.00	42.65	75.00	59.15	51.63	45.50	42.50	38.95	27.68
14.00	45.93	75.00	59.15	51.63	45.50	42.50	38.95	27.68
15.00	49.21	75.00	59.15	51.63	45.50	42.50	38.95	27.68
16.00	52.49	75.00	59.15	51.63	45.50	42.50	38.95	27.68
17.00	55.77	75.00	59.15	51.63	45.50	42.50	38.95	27.68
18.00	59.06	75.00	59.15	51.63	45.50	42.50	38.95	27.68
19.00	62.34	75.00	59.15	51.63	45.50	42.50	38.95	27.68
20.00	65.62	75.00	59.15	51.63	45.50	42.50	38.95	27.68
21.00	68.90	75.00	59.15	51.63	45.50	42.50	38.95	27.68
22.00	72.18	75.00	59.15	51.63	45.50	42.50	38.95	27.68
23.00	75.46	75.00	59.15	51.63	45.50	42.50	38.95	27.68
24.00	78.74	75.00	59.15	51.63	45.50	42.50	38.95	27.68
25.00	82.02	75.00	59.15	51.63	45.50	42.50	38.95	27.68
26.00	85.30	70.54	55.32	48.15	42.10	39.17	35.88	25.52
27.00	88.58	66.33	51.67	44.85	38.88	36.06	33.02	23.51
28.00	91.86	62.32	48.22	41.73	35.83	33.16	30.35	21.64
29.00	95.14	58.51	44.97	38.78	32.96	30.49	27.89	19.91
30.00	98.43	54.91	41.90	36.01	30.26	28.03	25.62	18.32
31.00	101.71	51.51	39.03	33.42	27.74	25.79	23.55	16.88
32.00	104.99	48.31	36.34	31.00	25.40	23.77	21.69	15.57
33.00	108.27	45.31	33.85	28.75	23.23	21.96	20.02	14.41
34.00	111.55	42.51	31.56	26.69	21.24	20.38	18.56	13.39
35.00	114.83	39.92	29.45	24.80	19.42	19.01	17.29	12.52
36.00	118.11	37.53	27.54	23.08	17.78	17.86	16.22	11.78
37.00	121.39	35.34	25.81	21.54	16.32	16.93	15.36	11.19
38.00	124.67	33.35	24.28	20.18	15.03	16.21	14.69	10.74
39.00	127.95	31.56	22.95	18.99	13.92	15.72	14.23	10.43
40.00	131.23	29.98	21.80	17.89	12.98	15.44	13.96	10.26
41.00	134.51	28.60	20.85	17.15	12.22	15.00	13.00	10.00
42.00	137.80	27.42	20.08	16.49	11.64	14.60	12.50	9.80
43.00	141.08	26.44	19.51	16.00	11.23	14.20	12.00	9.60
44.00	144.36	25.66	19.14	15.70	11.00	13.80	11.60	9.40
45.00	147.64	25.09	18.95	15.57	10.94	13.40	11.20	9.30
45.40	148.95	24.92	18.93	15.56	10.97	13.00	10.80	9.20

AUXI. HOOK RATING									
All Radius		Single Part Lines	12.00	9.00	8.56	7.61	6.83	6.28	4.44

Design temperature -20° C

Diameter of Stationary Pedestal

2850mm x 50mm ~25mm Thick



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