



Liftboats

265 Class - SEACOR Power

SEACOR
MARINE

Main Particulars

LENGTH OVERALL	234.0 ft	71.3 m
BEAM OVERALL	129.0 ft	39.3 m
DEPTH	13.0 ft	4.0 m
TONNAGE (ITC) GRT	2,276	
TONNAGE (ITC) NRT	682	

Cargo Deck

TONNAGE	491.0 Lt	498.9 Mt
STRENGTH	400.0 Lb/ft ²	2.0 Mt/m ²
CLEAR AREA	11,000.0 ft ²	1,021.9 m ²

Capacities

FUEL OIL	40,488 USG	153 m ³
POTABLE WATER	29,676 USG	112 m ³

Machinery

MAIN ENGINES	2x Caterpillar 3508B@1900hp
MAIN GENERATORS	2x Caterpillar 3412-425kW@480v
AUX. GENERATOR	190 kW@480v
BOW THRUSTER #1	Yes
PROPELLERS	2x Workboat

Crane Capabilities

CRANE #1	Port crane: 185tons w/ 120' boom: Heel pin 20' above deck ; leg mounted
CRANE #2	STBD crane : 185tons w/ 120' boom: Heel pin 20' above deck ; Leg mounted

Jacking

LEG CONFIGURATION	3	
PAD DIMENSIONS	49' (L) and 29' (W) and 5' (Depth)	
MAX WORKING DEPTH	195.00 ft	59.44 m
MAX SEPARATION	244.00	74.37

Performance

MAXIMUM SPEED	4.3 Knots
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Accommodation

BERTHS	50
CREW CAPACITY	12
PASSENGERS	36
SPECIAL PERSONNEL	2
LOUNGES	1

Electronics & Controls

DP REFERENCE #1	GPS
RADAR #1	Equipped
RADAR #2	Equipped
RADIOS	VHF RADIO, SINGLE SIDEBAND RADIO
GMDSS	A3
DEPTH SOUNDER	Equipped
IRIDIUM IOP	Equipped
VSAT BROADBAND	Equipped

Documentation

CLASS	ABS
CLASS ID	0241696
FLAG	USA
OFFICIAL NUMBER	1115290
IMO	8765682
CALL SIGN	WDG 3592
MMSI NUMBER	367527630
BUILD YEAR	2002
BUILDER	SEMCO
HULL NUMBER	1009

MODEL - SEATRAX LM 10520 LEG CRANE LOAD CHART ABS

PORT LEG & STBD LEG

CRANE RADIUS IN FEET	6-PART MAIN HOIST		1-PART AUXILIARY HOIST	
	STATIC	DYNAMIC	STATIC	DYNAMIC
25	372,317	372,317	55,034	55,034
30	372,317	372,317	55,034	55,034
35	372,317	372,317	55,034	55,034
40	372,317	342,243	55,034	55,034
45	331,833	301,348	55,034	55,034
50	295,845	268,632	55,034	55,034
55	266,400	241,364	55,034	55,034
60	241,863	219,557	55,034	55,034
65	221,101	200,683	55,034	55,034
70	203,305	184,504	55,034	55,034
75	187,881	170,483	55,034	55,034
80	174,386	158,214	55,034	55,034
85	162,478	147,389	55,034	55,034
90	151,893	137,767	55,034	55,034
95	142,423	129,157	55,034	55,034
100	133,900	121,409	55,034	55,034
105	126,188	114,398	55,034	55,034
110	119,177	108,025	55,034	55,034
115	112,776	102,206	55,034	55,034
120	106,909	96,871	55,034	55,034
127	98,973	89,657	55,034	55,034

1. Static SWLs are to be used only for lifts from stationary platforms. Dynamic SWLs shall be used for lifts from vessels.
2. Lower case letters after SWLs indicate the load limiting factor referenced in API Spec 2C, Sec 3, 3.1.2 (a) thru (f).
3. Rated loads are NET loads. A 3000 lb. main hook block and a 500 lb. overhaul ball have been deducted from gross loads.
4. Main drum cable is 1.5 diameter 18 x 19 HSLR, 250.0 kip nom strength, 1280 ft.
5. Aux drum cable is 1.5 diameter 18 x 19 HSLR, 250.0 kip nom strength, 330 ft.
6. The specified hook travel for this machine is 190 ft.

SEATRAX MONARCH SERIES 105 MODEL 10520

API STATIC & DYNAMIC RATINGS

CRANE RADIUS IN FEET	2-PART MAIN		4-PART MAIN		6-PART MAIN		SINGLE AUX	
	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC	STATIC	DYNAMIC
25	97000B	97000B	191797A	197000B	191797A	287695A	49500B	49500B
30	97000B	97000B	160416A	197000B	160416A	240624A	49500B	49500B
35	97000B	97000B	137445A	197000B	137445A	206168A	49500B	49500B
40	97000B	97000B	119851A	179776A	119851A	179776A	49500B	49500B
45	97000B	97000B	105949A	158924A	105949A	158924A	49500B	49500B
50	94829A	97000B	94829A	142243A	94829A	142243A	49500B	49500B
55	85555A	97000B	85555A	128333A	85555A	128333A	49500B	49500B
60	77749A	97000B	77749A	116622A	77749A	116622A	49500B	49500B
65	71146A	97000B	71146A	106719A	71146A	106719A	49500B	49500B
70	65489A	97000B	65489A	98234A	65489A	98234A	49500B	49500B
75	60526A	90789A	60526A	90789A	60526A	90789A	49500B	49500B
80	56186A	84279A	56186A	84279A	56186A	84279A	49500B	49500B
85	52304A	78457A	52304A	78457A	52304A	78457A	49500B	49500B
90	48858A	73287A	48858A	73287A	48858A	73287A	48858A	49500B
95	45777A	68665A	45777A	68665A	45777A	68665A	45777A	49500B
100	43007A	64510A	43007A	64510A	43007A	64510A	43007A	49500B
105	40461A	60691A	40461A	60691A	40461A	60691A	40461A	49500B
110	38149A	57224A	38149A	57224A	38149A	57224A	38149A	49500B
115	36080A	54121A	36080A	54121A	36080A	54121A	36080A	49500B
120	34113A	51170A	34113A	51170A	34113A	51170A	34113A	49500B
127	31527A	47291A	31527A	47291A	31527A	47291A	31527A	47291A

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