



**EZ Deck Crane**  
Hydraulic Double Telescopic Series  
8800lb (3991kg)  
SOLAS

Mechanical Specifications		Electric - hydraulic specifications	
Hydraulic Boom Luffing: 0° to 66° with full load capacity.		24V DC Supply on a 20 amp breaker.	
Crane Boom Angle	Retracted 68° / 173cm Extended 118° / 300cm	24V DC Joy-stick operated proportional control. * Manual control back-up.	
Reach 45°	128" / 325cm	* Wireless proportional control is available as an option.	
Reach 30°	163" / 414cm	15 Hp HPU, 3000 psi / 203 bar, 7 gpm / 26 lpm output.	
Reach 15°	186" / 472cm	20 Hp HPU, 3000 psi / 203 bar, 9 gpm / 34 lpm output.	
Reach 0°	194" / 492cm	Fluid type: AW-68 or AW-34, ISO quality 17/15/12	
Aft rotation clearance: 31.0" / 78.7cm 360° hydraulic power rotation.		Available Rated Capacities	
Hydraulic Linear Winch system. Rigged 6:1 with Spectron 12 Plus fiber line. Stainless Steel Certified Load-Release Hook optional.		EZ-4000-DEX: 4,400lb / 1995kg Up to 80,000 furlb EZ-6600-DEX: 6,600lb / 2993kg Up to 100,000 furlb EZ-8800-DEX: 8,800lb / 3990kg Up to 200,000 furlb	
Cable pay-out: 28' / 8.53m		Foot-pound capacity; maximum reach x lifting capacity.	
Crane weight: EZ-6600-KB-EX: 5600lb / 2540kg		12 Month limited warranty. © 2014 - NSI	
Weight, pedestal base (average): 1080lb / 490kg			

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Nr.	Group 2: LSA Code chapter V - Rescue boats	Outcome
2.1	General requirements	PASS
2.1.1	Rescue boats may be either of rigid or inflated construction or a combination of both.	PASS
2.1.2	Rescue boats must be not less than 3.0 m and not more than 8.5 m in length.	PASS
2.1.3	A rescue boat must be capable of carrying at least five seated persons and a person lying on a stretcher or other means of transport, and if required, a crew member.	PASS
2.1.4	A rescue boat shall be fitted with an inflated engine or outboard motor. The rubber and other parts of the engine must conform to the requirements of paragraph 4.4.6.1 (International Maritime Organization (IMO), 2013), general-driven outboard engines with an approved fuel system may be fitted in rescue boats protected against fire and explosion.	PASS
2.1.5	A rescue boat shall be fitted with a power winch or other means of recovery.	PASS
2.1.6	A rescue boat shall be fitted with a power winch or other means of recovery.	PASS
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Principal dimensions	
LDA	53.5 [m]
Lwl	49.9 [m]
Depth moulded	4.2 [m]
draught SWL	4.2 [m]
GT	650 [t]

Specifications rescue boat	
make	Zodiac
Type	650 SOLAS
approx weight of boat	320 kg
max authorized load	495 kg
approx weight fully loaded	815 kg
max authorized pax	6 persons

Specifications telescopic deck crane	
make	Nautical Structures
Type	6600
crane weight	2440 kg
drive power	hydraulic
cable length	8.53m
SWL	2093 kg
reach	7.92 m

version	maturity	status	date	description	drawn	checked
0000	preliminary	off	05-07-2023	FT crane arrangement		

SEA LEVEL	project	sheet nr.	scale	units	year
SEA LEVEL	FT crane arrangement	1/2	1:50	metric	2023

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