



SHEERLEG KOOLE LIFT 400

Multipurpose lifting solution

The KOOLE LIFT 400 is a versatile floating barge with a shearleg crane system. The KOOLE LIFT 400 has a maximum lifting capacity of 400 tons and a high lifting height on the main hooks of 29,7 meters (from deck). At a reach of 22,7 meters, it can lift up to 100 tons and she can still lift 56 tons at a maximum reach of 40,0 meters from the bow. The shearleg has several useful features, such as a jib to be able to lift loads at greater heights up to 48,8 meters, where she is still able to take 250 tons.

Further, she is self-propelled and equipped with two Schottel thrusters (individually controlled from the bridge) and a bow thruster. Her maximum speed is 5,5 kts and she has a bunker capacity of 152 m³ fuel and 152 m³ fresh water. She is classed by INSB class with Panama flag, who provides inland and coastal trading.

The KOOLE LIFT 400 can be used for operations such as, but not limited to heavy lift activities, salvage assistance, wreck removal and/or cargo transportation.

GENERAL	
Name	KOOLE LIFT 400
Type of vessel	Floating Sheerleg / Floating Crane
Class	INSB, I  Hull  Mach Pontoon Crane Unrestricted Navigation
Flag	Panama
Port of Registry	Panama
Year Built	1967
Callsign	HO9232
IMO Number	8757099
MMSI	352637000

DIMENSIONS	
Length Overall	46,64 meter
Breath Overall	20,00 meter
Depth at Sides	3,61 meter
Minimum Draft	1,30 meter (Excl. bunkers)
Operating Draft	1,60 meter
Maximum Draft	3,00 meter
Minimum Airdraft	7,50 meter (creep line height with pontoon)
Normal minimum Airdraft	16,00 meter
Gross Tonnage	904 GT
Net Tonnage	271 NT

LIFTING CAPACITY	
Max Load Main Hooks	400 tons (2x 200 tons)
Max Lifting Height Main	29,7 meter (from deck)
Max Reach Main Hooks	22,7 meter (from the bow)
Load At Max Reach	100 tons @ 22,7 meters with main hooks
Hoisting Speed Main Hooks	0,72 m/min nominal & 7,00 m/min low
Max Load Jib Hooks	250 tons (2x 125 tons)
Max Lifting Height Jib	48,8 meter (from deck)
Max Reach Jib Hooks	40,0 meters (from the bow)
Load At Max Reach	56 tons @ 40,0 meter with jib hooks
Hoisting Speed Jib Hooks	1,08 m/min nominal & 10,50 m/min low

TANK CAPACITY	
Fuel Oil	152,00 m ³
Fresh Water	152,00 m ³
Ballast Tanks	609,00 m ³ (7 tanks)
Lube Oil	In barrels
Sludge	2,10 m ³
Sewage	22,00 m ³

NAUTICAL AND COMMUNICATION EQUIPMENT	
Sea areas	A1+A2+A3
Radar system	Yes
GMDSS	Yes
Chart system	Yes
AIS	Yes
Compass	Yes
Echo sounder	Yes

PERFORMANCES	
Maximum Speed	5,5 knots

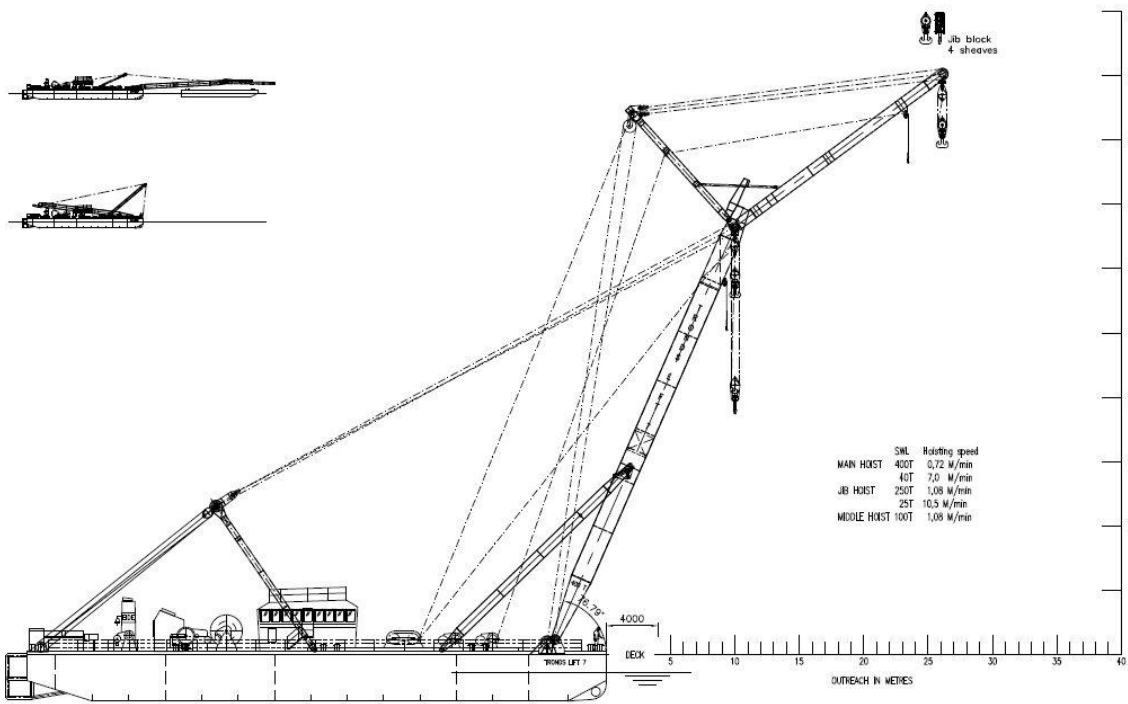
PROPULSION SYSTEM	
Main Engines	2x Baudouin 12 P 15-2 S 4T, 12 cyl, 1800 rpm
Total Power	456 kW = 620 BHP
Gearboxes	2x Twindisc couplings
Propulsion	2x Azimuth propeller
Type of Azimuth	2x Jastram RP07
Bowthruster	1 x Schottel SRP 75, Rated power 136 BHP

AUXILIARY EQUIPMENT	
Generator sets	2x Baudouin 6W105S
Capacity	2x 140 kVA / 380 Volt
Emergency Generator	1x Emergency generator 40 kVA
Lightning Generator	1x Lightning generator 11 kVA
Gasoil separator	Mitsubishi SJ10G

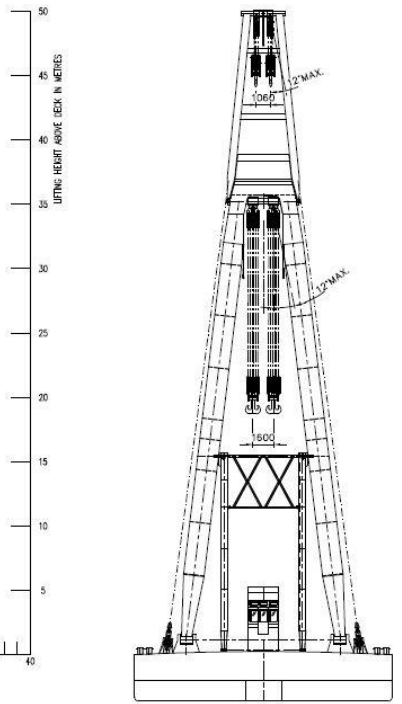
DECK EQUIPMENT	
Main Lifting Blocks	2x SWL 200 tons
Fly-Jib Lifting Blocks	2x SWL 125 tons
Main Runner	1x 5 tons
4 Point Mooring System	1x Bow winch, double drums; ▪ 5 ton @ 38 m/min 2,5 ton @ 76 m/min 2x Stern winches, single drums; ▪ 10 ton @ 19 m/min 5 ton @ 38 m/min
Main Runner Winch	1x Double drum winch; ▪ 5 ton @ 38 m/min 2,5 ton @ 76 m/min
Warping Heads	On each winch and some on deck mounts
Strijklier	Double drum winch, 19 ton @ 6,8 m/min
Bow Anchor Winch	Bow winch, triple drums: ▪ 10 ton @ 17 m/min ▪ 165m anchor chain x 42 mm ▪ Anchor weight 2.200 tons
Stern Anchor Winch	Stern winch, single drums: ▪ 6,8 ton @ 10 m/min ▪ 150m anchor chain x 38 mm ▪ Anchor weight 1.880 tons

SALVAGE EQUIPMENT	
Salvage pumps	2x 3" salvage pumps 2x 1,5" salvage pumps
Various salvage equipment	Multiple shackles & wires

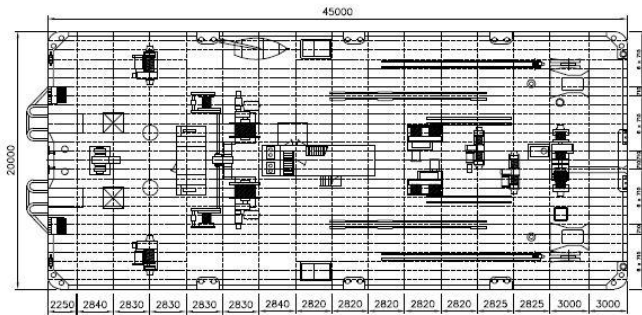
ACCOMMODATION	
Persons	9
Cabins	3x 1 man cabin, 3 men total 3x 2 man cabin, 6 men total
Galley	Yes
Recreation room	Yes
Saloon	Yes
Air Conditioned	Fully Air-conditioned and heated



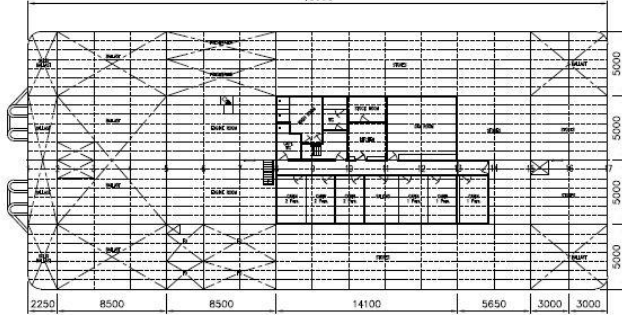
SIDE VIEW



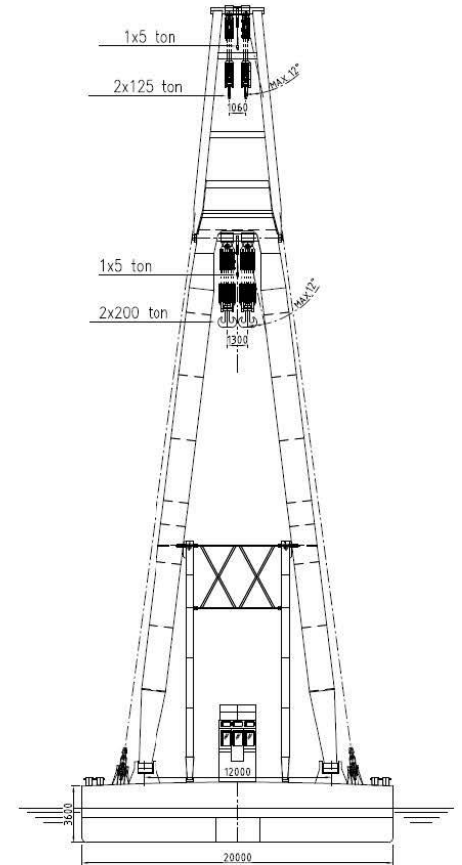
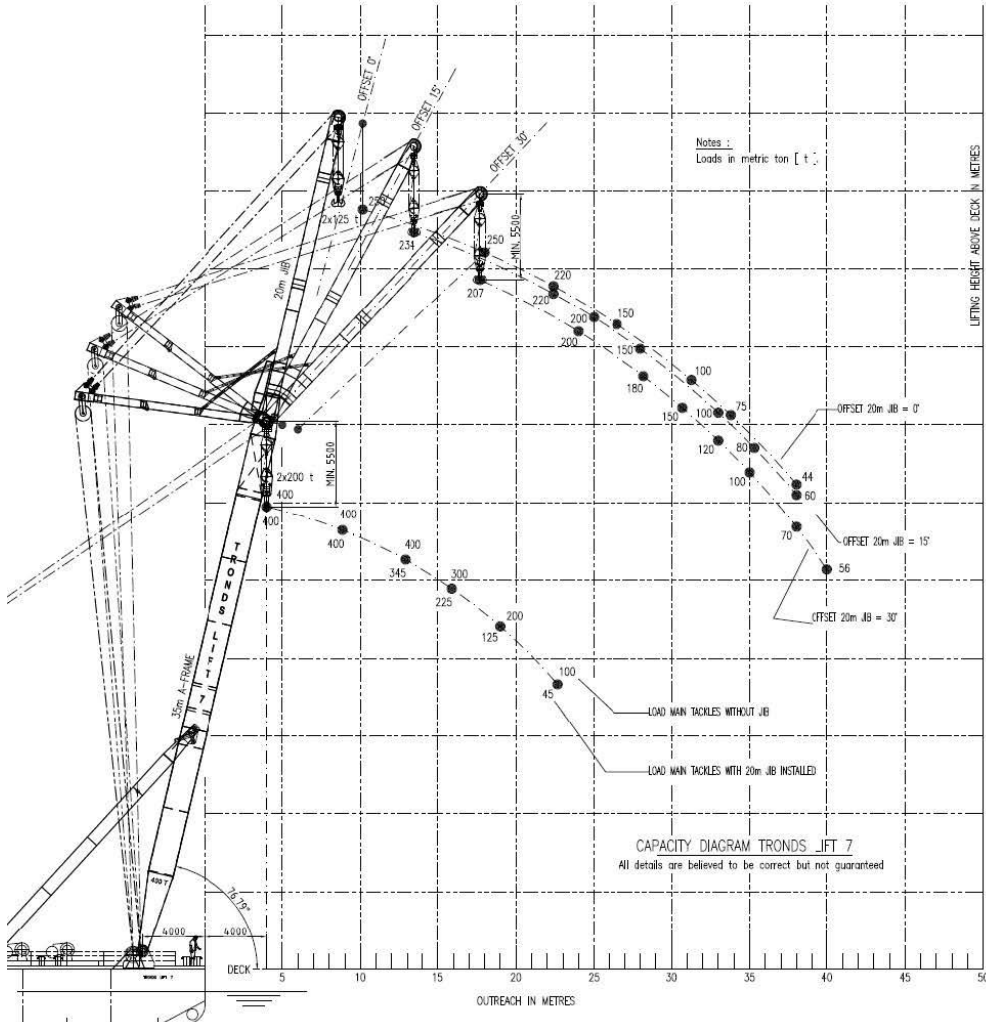
FRONT VIEW, JIB 30°



MAINDECK



ACCOMMODATION



SHEERLEG KOOLE LIFT 400

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