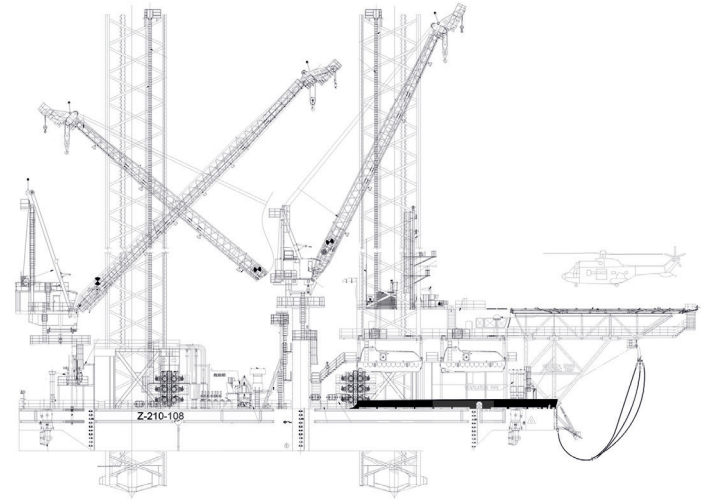
Seafox 8

MAIN CRANE CAPACITY 220 t | POB 150 (UPGRADABLE) | MAX WATER DEPTH 85 m | DECK SPACE 1.200 m²

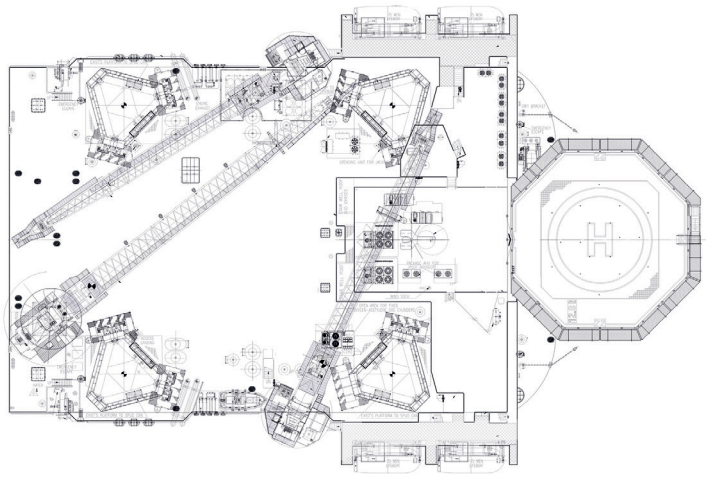
This unit is a self-propelled, self-elevating mobile unit for offshore oil and gas service with maximum operating water depth of 85.34m. The Platform consists of an almost square pontoon shaped hull with four legs each fitted with spud cans at their lower ends. Polygonal spud can is featured at the end of each leg, the length ofwhich (including spud cans) is up to 112.687m. The platform is equipped with living quarters on board for 150 persons which is further upgradable.

Seafox 8
Self propelled self-elevating Jack-up Barge

Side view



Top view



GENERAL	
Vessel Name	Seafox 8
Deckspace	1200 m²
Design draft	3.66 m
Variable Load	1500 t
POB	150 (upgradable)
CLASS NOTATION	
ABS, ✠ A1, Self-Elevating Unit, ✠ AMS, ✠ DPS-2, CRC, HELIDECK	
MAIN DIMENSIONS	
Hull	
Hull Length	69.484 m
Hull Breadth	43.9 m
Hull Depth	5.50 m
Length Overall	87.95 m
JACKING SYSTEM	
Type	TRIDENT MARITIME
No. of Pinions	48
Normal Jacking	200 MT per pinion
Hull Lifting Speed	0.47 m/min instead of 0.46 m/min
Legs Lifting Speed	0.94 m/min
LEGS AND SPUDCANS	
Number of Legs and number of Spud Cans	4
Leg Length	112.687 m including spud cans
Airgap	Max air gap at survival conditions is 15.24 m
Type	Open Lattice
Cross Section	Triangular
Spudcans Footing area	62.9 m²
Spudcan Bearing Pressure	43.45 MT m³
CRANE	
STBD AFT	
Capacity:	1 x 220 T @ 10.7 m/ 26.47 T @ 44.8 m
PORT	
Capacity:	1 x 70 T @ 10.7 m /11.50 T @ 38.2 m
STBD	
Capacity:	1 x 70 T @ 10.7 m /11.50 T @ 38.2 m
STORAGE CAPACITIES	
Ballast Water	1,366.6 m³
Fuel Oil	703.8 m³
Potable Water	680 cu.m.
Brine	208 cu.m.
Base Oil	208 cu.m.
Buffer Tank	416 cu.m.

KEY EQUIPMENTS	
Main Power	4 x CAT 3512 CHD, 1550 ekW at 0.8 pf, 1800 rpm, 690V, 60 Hz, Main Diesel Generator units for Self-propulsion at 5 knots in calm waters and DP2 capability
DP2 and Propulsion	4 x 1000 HP azimuthing thrusters located at the 4 corners, driven by rig's main power and VFD controlled Station keeping possible even with loss of 1 thruster or 1 bus-bar DP2 and Navigation systems; General Electric Speed 5 knots
DESIGN STORM SURVIVAL ENVIRONMENT	
Maximum Wave Height	10.06m (33 ft)
Corresponding Wave Period	12 sec
Maximum Wind Velocity (one min. avg.)	51.5 m/s (100 kn)
Current at surface	3.0 knots
Current at bottom	1.0 knots
Penetration	3.05 m (10 ft)
DESIGN VARIABLE LOADS	
Afloat Condition	1564.85 MT
Elevated	1183.29 MT
Survival	1183.29 MT
DESIGN DECK LOADS	
Main Deck	Between 10 MT/m² and 5 MT/m².
Quarters' Deck	0.45 MTon /m³. (92.16lbs per sq. ft.)
SAFETY EQUIPMENT	
Raw Water Supply	2 x Hose reels, 45 m (150 ft) length, 400 m³/hr. each
STP	Sewage Treatment Plant for processing black & grey water suitable for 150 POB. (Vacuum type toilets)
Water Maker	2 x Reverse Osmosis (RO) type Water Makers, 40 m³ / day each for potable water generation
Life Boat and Life Rafts	4 x 75 Men Davit Launched Lifeboats
Emergency Mooring Winch	1 x 22.4 MT (220 kN) Emergency Mooring winch Anchor: 4.8 MT 72 mm diameter wire Wire Length: 475 m
HELIDECK	Suitable for Sikorsky S61N, S92A and EC225 D Value: 22.2 meters T- Value: 12.8 T

SEAFOX

Westerduinweg 3
1976 BV IJmuiden
The Netherlands
T +31 (0)23 554 13 00

Office 701, Jumeirah Bay X2, Cluster X
Jumeirah Lakes Tower (JLT)
Dubai, U.A.E.
T +971 4 394 8668

info@seafox.com
www.seafox.com