

Jack-up barge



This self-elevating jack-up barge is a versatile marine construction platform designed for efficiency in jetty construction and nearshore projects. Engineered for operations in waters up to 30 meters deep, it features a 300-ton pedestal crane and an advanced automated jacking system for seamless elevation. Requiring a crew of just twelve, it is complemented by a dedicated transport barge, ensuring swift and efficient mobilization.

Specifications

Pontoon	
Dimensions	46,5 X 30,3 X 4,5 m
Draft	2.4 m
Classification	ABS, A1 Self-elevating Unit
Capacity fuel tank	60 m ³
Capacity fresh water tank	60 m ³
Jacking system	
Make	Gusto MSC
System	Positive engagement
Leg type	Tubular
Capacity (preload)	1300 ton/leg
Average climbing speed	10 m/hr
Standard leg length	55 m
Maximum operational water depth	30 m
Crane	
Make	Favelle Favco
Type	PC 300
Lifting capacity main hoist	300 ton @ 18 meter
Lifting capacity auxiliary hoist	32 ton
Mooring system	
Number of winches	4
Pulling force	25 ton
Holding force	60 ton
Wire diameter	32 mm
Drum capacity	500 m
Anchors	4 x Delta Flipper; 3 ton
Power sources	
Main generators	2 x 450 kVA
Auxiliary generator	1 x 120 kVA
Pile testing facilities	
Maximum pile diameter	3000 mm
Maximum compression test	1250 ton
Maximum tension test	900 ton

Accommodation

Main deck: deck store, first aid room, tea room, deck toilet, tween deck, mess hall (24) c/w kitchenette, wash/change room, toilet. Upper deck: double cabin, three offices, meeting room, toilet, janitor.

