SPECIFICATION SHEET

COMBIFLOAT C-9.5

SELF-ELEVATING PLATFORM

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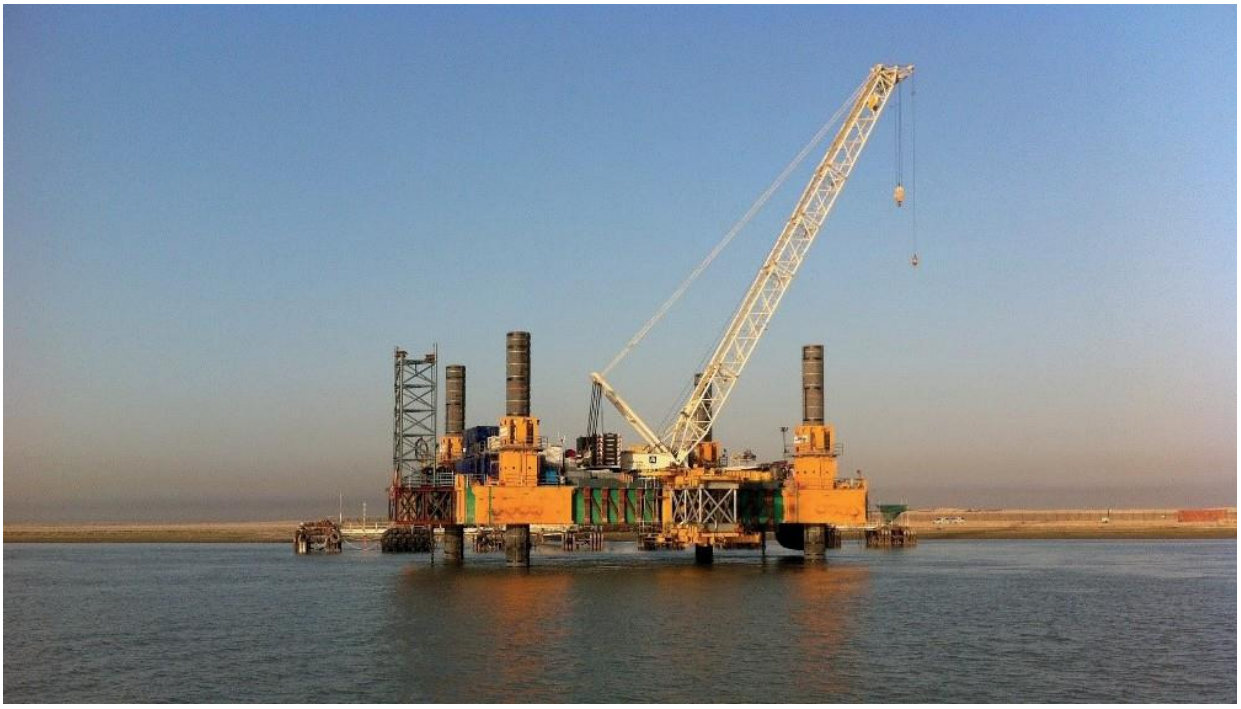


VERSATILE AND HEAVY-DUTY PLATFORM

The C-9.5 Self-Elevating Platform, currently the biggest of the Combifloat self-elevating platforms, is the perfect partner for heavy duty jetty- and breakwater construction works, near shore oil & gas drilling and as accommodation platform.

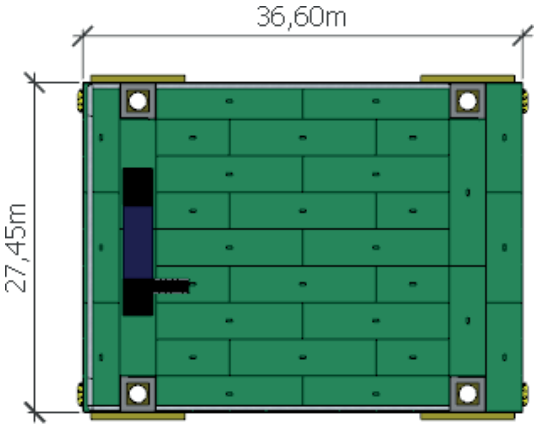
The C-9.5 Platform can take deck loads up to 1000 mT, offers a large free deck area of approximately 910M² and with her spud legs of 58m can work in water depths up to 45m, subject to environmental conditions.

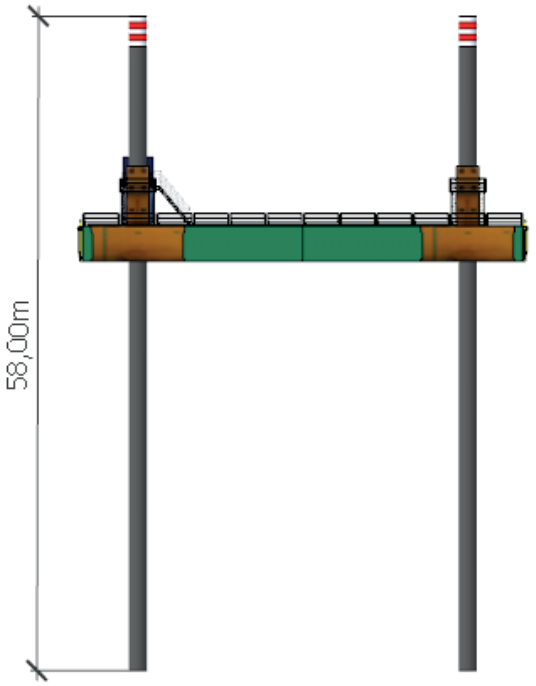
The platform has a central control system allowing the platform to be lifted and lowered synchronously and is delivered with IACS class notation.

MAXIMIZING WORKABILITY

With highly qualified and specialized in-house engineers, Combifloat offers various engineering services to guide and support clients on operational and environmental matters when using the platform. Combifloat engineers are available in all stages of your project, from tendering, project preparation and throughout the entire execution phase.

C-9.5 SELF-ELEVATING PLATFORM





General

Type	C-9.5 Modular Self-Elevating Platform
Class (optional)	BV, I ✠ HULL, Offshore self elevating unit

Dimensions

Length	36.60 m
Breadth	27.40 m
Depth	2.91 m
Free deck area	910 m²

Loads

Variable deck load	1,000 mT
Deck strength	15 mT/m²

Jacking system

Jacking type	Hydraulic, mechanical engaged
Jacking speed	18 m/hr full cycle, complete platform
Jacking stroke	1.22 meter
Jacking capacity	600 mT/leg
Power	340 kW, two diesel-hydraulic pump sets

Spud legs

Leg length	58 m extendable
Free length below hull	48.00 m
Leg diameter	1.90 m

Operational conditions

Maximum wave height H_{max}	6 m *
Wind speed max	50 km/hr
Current	1 m/s

Survival conditions

Maximum wave height H_{max}	8 m *
Wind speed	120 km/hr
Current	1 m/s

* Indicated values will vary pending actual site and payload conditions.

C-9.5 SELF-ELEVATING PLATFORM

Configuration

The platform consists of a number of standardized floating modules coupled together through a male / female connection system. The platform is supported by four spud legs in heavy duty spud wells. The hydraulic power unit with control cabin on top is located on the platform, with actual location on the platform being flexible.

Modular design

All platform components are sized to be easily transportable by road, rail or sea. Due to the modular design, overall dimensions and spud legs length can be adapted to customer needs.

Jacking System

The jacking mechanism consists of two hydraulically operated crossheads per spud well, to lock and unlock the spud for vertical movement. Vertical movement is accomplished by four hydraulic heavy duty cylinders with a stroke of 1.22 meter, working on an operating pressure up to 250 bar.

The four spud wells are powered by a hydraulic power pack for simultaneously lifting and lowering the spud legs through its seating. The powerpack is built in a 40’ container approved for the offshore environment.

The powerpack consists of two diesel engines powering two hydraulic pumps. The double execution also guarantees redundancy in case of emergency. The system is operated from a central control system with complete remote PLC control of the jacking operation. For safety reasons and as back-up, full manual and local control at the spud wells is also possible.

Optional

- Spud cans
- 4-point Mooring system
- Leg extensions
- Boat landing
- Propulsion
- Accommodation
- Mission Equipment
- Jetting system
- IACS classification

QHSE Standards

ISO9001:15001, ISO 14001:2015, ISO 45001-2018

ISO 9001
ISO 14001
OHSAS 18001
BUREAU VERITAS
Certification

11 March 2021