



Jack-up platform Odin

In the field of port construction, extension of existing waterways, pile foundations for large-size bridges and development of new offshore projects, it is a well-known fact that anyone working in water needs a safe platform.

With its jack-up platform Odin, HOCHTIEF is bracing itself for major maritime projects worldwide. For instance, we have carried out soil investigations and installed offshore foundations for building state-of-the-art wind farms far from the coast. Our maintenance work ensures that the wind farms can operate continuously. The technical capacity of HOCHTIEF's jack-up platform Odin, named after the Nordic Father God, is illustrated best during the tough offshore works: we built the first German offshore transformer station where the sea had a depth of more than 30 meters. Odin was also used when the pile foundations were laid

for the tripods for the wind energy plants off Borkum.

In Bremerhaven, where we expanded the container terminal as an international freight trade hub, a highly efficient jack-up platform was also indispensable. A big challenge in building the world's longest quay wall was anchoring the sheet-pile walls. These walls consist of panels which weigh up to 30 tons.

HOCHTIEF thus lays the groundwork for the development of new technologies and markets in the field of marine works.

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Technical Data:

Classification GL + 100 A5 K50

Main dimensions hull:

Length 46.10 m
Width 30.00 m
Height 4.60 m

Leg dimensions:

Length 60.00 m
Cross section 2.00 m x 2.00 m
Spudcans 3.25 m x 3.25 m

Operational conditions:

Draft (without spudcans) 3.25 m
Draft (with spudcans) 5.50 m
Operating depth 35.00 m
Payload 900 t
(subject to SSA)
Deck load 15.00 t/m² – 30.00 t/m²
Hoisting capacity 900 t/leg
Hoisting speed up to 2.50 m/min
2 Moon Pools Ø 0.555 m

Crane:

Heavy lift crane Liebherr BOS 7500
Crane capacity 300 t/15.00 m

Crawler crane (optional):

Crane Liebherr LR 1280
Hanging leader LRH 600

Mooring system:

2 double winches pull 17.50 t/each
2 single winches pull 17.50 t/each

Power supply:

Diesel/hydraulic 4 x 355.00 kW
Diesel/electric 1 x 355.00 kW
Diesel/electric 1 x 150.00 kW

Accommodation: 40 persons

