



## Jack-up platform Thor

**The future of the world's energy supplies is being decided to no small degree by offshore projects. It is here, at offshore facilities far from shipping routes and harbors, where wind power offers its greatest potential. With its Thor jack-up platform, HOCHTIEF is providing technology needed to harness this power.**

Working far offshore amid the strongest winds and turbulent seas requires thorough preparation and durable equipment. In addition to having the long years of experience and know-how needed to reliably carry out major challenging offshore projects, HOCHTIEF Solutions is also expanding the possible range of applications for wind farms, thanks to its Thor jack-up platform. With its 82-meter-long legs, the platform named after the Norse god of thunder can be used in waters up to 50 meters deep.

And like its namesake deity, the son of the supreme Norse deity Odin, who ruled the wind and weather, the Thor platform is rock-solid stable during storms. With its enormous payload and spacious surface area, the new platform ensures maximum efficiency for offshore operations. HOCHTIEF's Thor thus provides the technological and economic basis for opening up new markets in the offshore sector.

### Technical Data:

Classification GL + 100 A5  
Self Elevating Unit,  
+ A - MC Aut

### Main dimensions hull:

Length 70.00 m  
Width 40.00 m  
Height 6.00 m  
Open deck area 1,850 m<sup>2</sup>

### Leg dimensions:

Length 82.00 m  
Diameter 3.70 m  
Spudcans Ø 8.50 m

### Operational conditions:

Draft (without spudcans) 5.30 m  
Draft (with spudcans) max. 8.30 m  
Operating depth 50.00 m  
Payload up to 3,300 t (subject to SSA)  
Deck load 15.00 t/m<sup>2</sup>  
Hoisting capacity 10,000 t  
Hoisting speed up to 1.20 m/min  
2 Moon Pools Ø 0.90 m

### Crane:

Heavy lift crane Liebherr BOS 14000  
Crane capacity  
Boom 51 m 500 t/20.00 m  
Boom 87 m 400 t/20.00 m

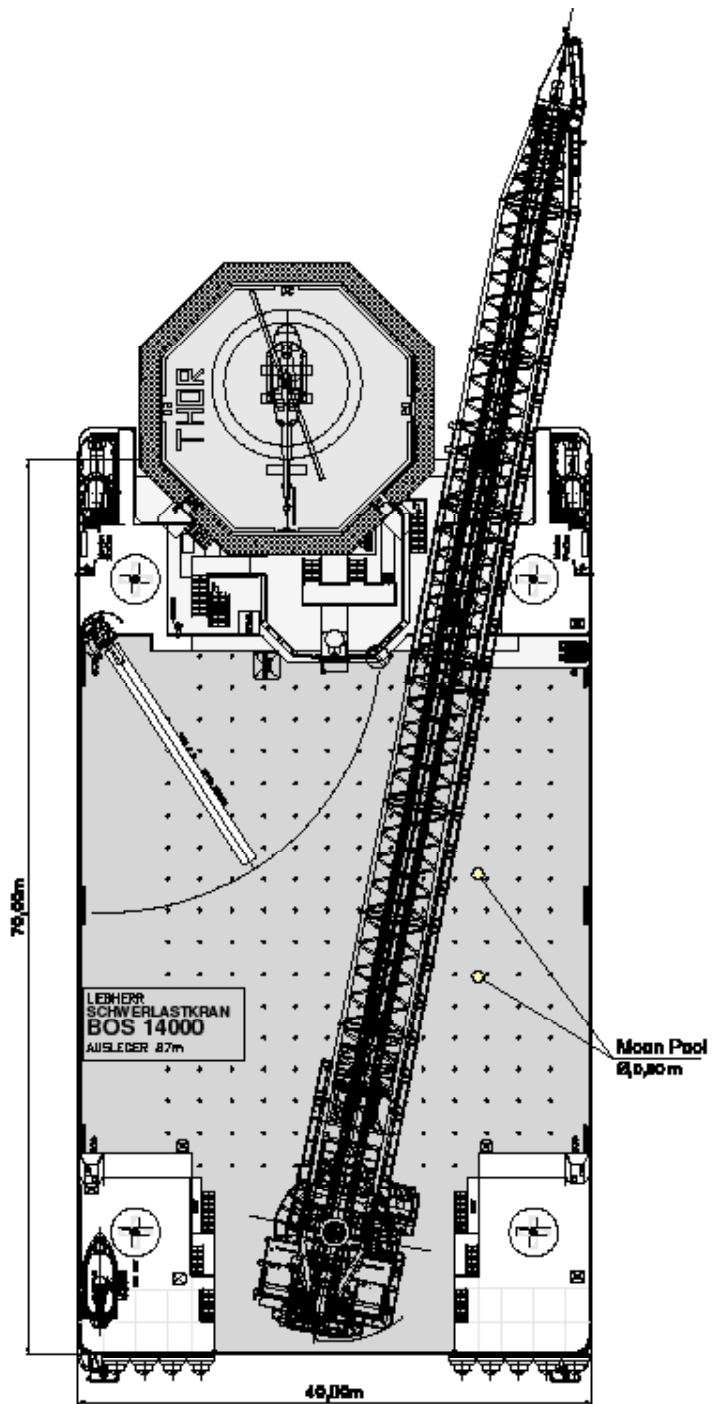
### Mooring winches:

4 single winches pull 30.00 t/each

### Power supply:

Diesel/electric  
Total output 5,010 kW  
Emergency generator 400 kW

Accommodation 48 persons



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