## CIVIL ENGINEERING AND MARINE WORKS

# Jack-up platform Odin



In the field of harbor construction, extension of existing waterways, pile foundations for large-size bridges and development of new offshore projects, it is a well-know fact that anyone working in water needs a safe platform. With its "Odin" jackup platform, HOCHTIEF is bracing itself for major maritime projects world-wide. One such project is the container terminal in Bremerhaven. HOCHTIEF is currently expanding this international freight trade hub in Northern Germany. A big challenge in constructing the world's longest quay wall is the anchoring of the sheet-pile walls. The walls consist of panels which weigh up to 30 tons. For anchoring works of this order, a high-capacity jack-up platform is indispensable.

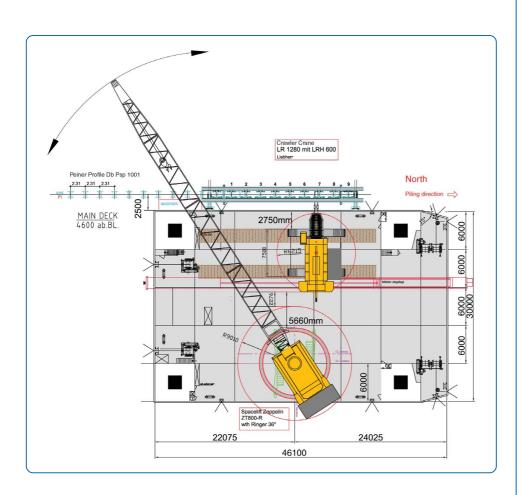
The technical capacity of HOCHTIEF's "Odin" jack-up platform, named after

the Nordic Father God, is illustrated best during the tough offshore works: thanks to the jack-up platform's 60-meter long legs, works can even be performed in depths of up to 45 meters under water. HOCHTIEF thus lays the groundwork for the development of new technologies and markets in the field of marine works.





### Power for New Projects.



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#### **Technical Data**

Name	ODIN	
Classification	GL + 100 A5 K50	
Dimensions	Length: 46.10 m Width: 30.00 m Height: 4.60 m	
Leg dimensions	Length: 60.00 m	
Draught	min.: 2.30 m max.: 3.25 m	
<b>Operating depth</b> 45.00 m		
Payload	1,200 t	
<b>Deck load</b> 15.00 t/m <sup>2</sup> - 30.00 t/m <sup>2</sup>		
Hoisting capacity 900 t/each		
Hoisting speed	up to 2.50 m/min	
Cranage Spacelift ZT - R 800 Ringer S3		
Crane capacity	61.00 m / 32.20 t	
Crawler crane equipped with	Liebherr LR 1280 LRH 600	
	s pull 17.50 t/each pull 17.50 t/each	

#### Power supply

Diesel / hydraulical:	4 x 355.00 KW
Diesel / electrical:	1 x 355.00 KW