

TRI-SUCTION PILE CAISSON (TSPC)

**THE TSPC IS A NOISELESS,
ECO-FRIENDLY AND LOW COST
SOLUTION FOR OFFSHORE
WIND TURBINE FOUNDATIONS**



Product characteristics

- Combining cost efficient monopile technology with the noiseless performance of a suction pile foundation.
- Cost saving compared to suction pile jackets
- Wind turbines from upto 15MW and larger
- Water depths up to 75m
- Suited for wide range of soils from:
 - loose to dense sands
 - soft to stiff clays
 - layered soils
 - sediments over rock
- Reduced crane capacity for installation

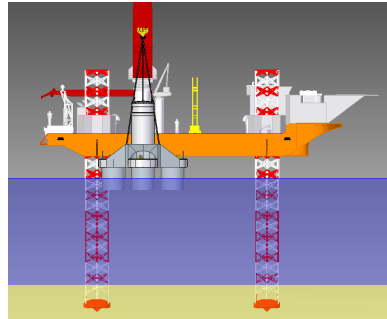
Benefits of the TSPC

- Noiseless and vibration-free installation
- Innovative combination of proven technology results
- Low risks and high predictability
- Economical fabrication
- Very swift offshore installation
- Removal and decommissioning by reverse installation -
- Fast and without a trace
- Low acceleration allows pre-installation of secondary steelwork
- Low acceleration allows pre-installation of secondary steelwork and nature inclusive design in the yard'

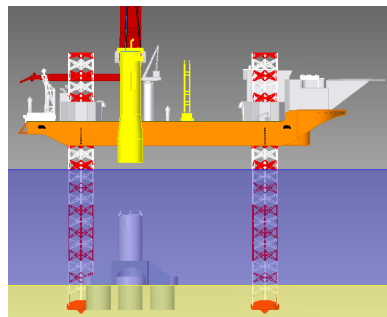
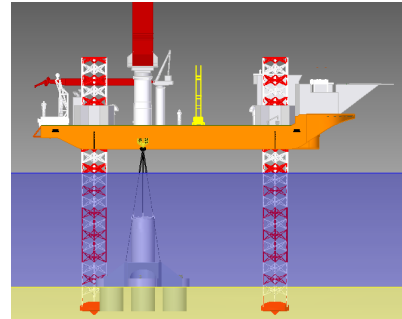
Research & Development projects

- Topsector Energiesubsidie van het Min. van Economische zaken HER+ study
- NOWRDC study

Transport and Installation



Transport and installation foundation



Installation Transition Piece.

