



Suction Piles for
Pipelay Startup



SPT Offshore



Suction Piles for Pipelay Startup

If you're looking at a quick, efficient and low cost temporary anchoring point for pipeline initiation, SPT Offshore's suction pumps and suction piles are the solution.

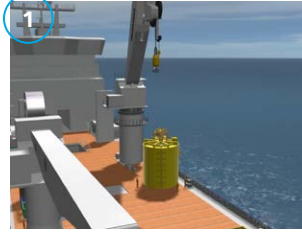
Product characteristics

- Several suction piles with capacities up to 275 mT readily available for rental
- Suction pile installation to maximum of 3,000 m water depth
- Suction pump lift capacity up to 200 mT

Benefits of SPT Offshore suction pumps and piles

- **High capacity suction pumps**, reducing the critical installation time up to a factor of **5** compared to traditional installation methods. Suction pile installation with SPT Offshore pumps can be done within **30 minutes**
- The SAPS-003 pump has an **integrated lifting and upending frame minimizing offshore handling**
- No venting required, thus **reducing fabrication costs** of the suction pile
- **XY inclinometers** integrated in the suction pump spread
- **Engineering and installation by one party**, hence SPT Offshore takes over installation and in-situ **responsibility**

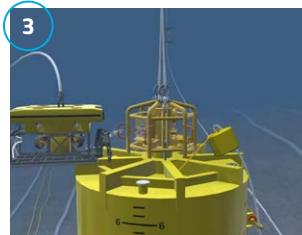
Transportation and installation



1 Install and lock suction pump on suction pile



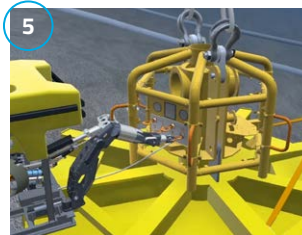
2 Lift and lower suction pile using integrated suction pump lift frame



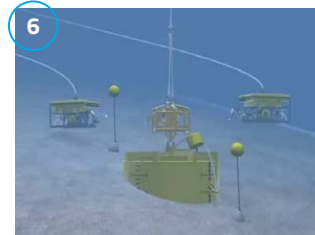
3 Position and orientate using the ROV



4 Lower to self weight penetration and close vent valve



5 Suction operation to target penetration



6 Unlock and release suction pump

SPT Offshore track record for pipelay startup



PEMEX Line 1 and 3



Chevron Frade



Statoil Asgard