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.

**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

**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**

**SPT Offshore track record for pipelay startup**

PEMEX Line 1 and 3  
Chevron Frade  
Statoil Asgard