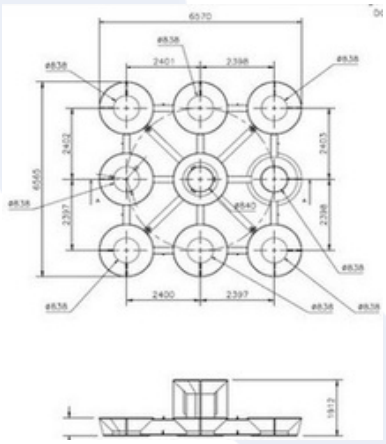
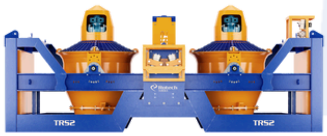
Rotech Case Study
TRS2 & RSG

Structure De-burial & Recovery - North Sea

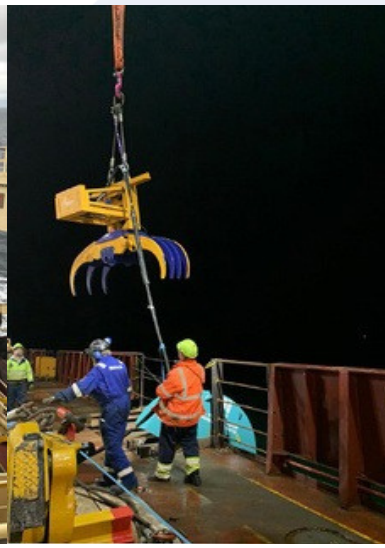
The Rotech Solution
The TRS2 CFE tool was utilised to perform de-burial of both the jacket template and wellhead. Its high-volume output enabled efficient excavation through dense sand soils, reaching de-burial depths of up to 5.5 metres. The TRS2 was further employed in backfilling operations, returning displaced sediment to the excavation site. This process helped minimise seabed disturbance and ensured compliance with natural seabed level (NSBL) requirements. For the recovery of the PLET structure, the Rotech RSG grab system was deployed successfully to lift the structure cuts into a subsea basket for removal.





Results
The project was completed successfully with the TRS2 achieving targeted de-burial depths and demonstrating excellent performance in challenging soil conditions. The use of the TRS2 for both excavation and backfilling ensured an efficient and environmentally considerate operation. The RSG grab system also proved effective, contributing to the safe and controlled recovery of subsea components.

Project Overview
Maersk Supply Services contracted Rotech Subsea to deliver a solution for jacket template and wellhead de-burial in the Tyne Field. Additionally, the project scope included the recovery of a PLET structure in the Southern North Sea. The TRS2 Controlled Flow Excavation (CFE) tool was selected for its superior performance in fluidising and displacing sediment, making it highly effective for de-burial tasks. The Rotech RSG grab system was also deployed to support the structure recovery
operations. Equipment was mobilised aboard the Maersk Inventor and operated at a water depth of approximately 17 metres.



Project Information
Client: Maersk Supply Services
Scope: Structure De-burial & Recovery
Water Depth: Approx 17 metres
Soils: Dense Sand
Vessel: Maersk Inventor