



CASE STUDY

**Keeping it steady under pressure:
Sykes Pumps ensures a smooth,
on-time transfer of 3,000-tonne
modules on the River Tyne**

CASE STUDY

Precision pumping keeps 3,000-tonne modules moving safely and on schedule on the River Tyne.

When a major fabrication facility in North East England needed to load two 3,000-tonne modules onto a barge, they turned to Sykes Pumps! By deploying high capacity pumps along with the knowledge and expertise of our engineers, we kept the barge level and stable, ensuring a smooth, on-schedule transfer offshore.

Products We Used



HP150 Super Silenced



Super Wispaset 200 Ecotec



0800 211 611

Need help with a pumping solution for your sector?

Sykes Pumps is here to support your pumping needs across all industries. Speak to our team today!



Learn more

1 PROBLEM

Loading two 3,000-tonne modules onto a barge created several challenges. The immense weight of each module caused the barge to tilt and shift, so careful balancing was needed to keep it stable. In addition, the River Tyne's tidal conditions meant that operations had to be precisely timed to fit tidal windows. Coordinating the load-out also required careful consideration of weather conditions to ensure the schedule was maintained. The critical nature of the operation meant that any equipment failure could result in costly delays, so contingency measures were essential.



2 SOLUTION

Following an on-site visit by our expert engineers, we deployed **10 x HP150 Super Silenced** and **18 x Super Wispaset 200 Ecotec** pumps to support the module transfer. The pumps were strategically positioned on the deck to continuously manage the barge's weight distribution and balance, keeping it stable and ensuring the operation ran smoothly from start to finish. For complete assurance, a dedicated service engineer was present on site for each transfer, providing immediate technical support and ensuring seamless execution.

3 RESULT

The project was delivered successfully, with both modules loaded smoothly and without interruption. The barge remained steady and balanced throughout each transfer, and each module was securely stowed and dispatched offshore on schedule. Thanks to careful planning and precise execution, all client objectives were achieved without delays or incidents, delivering a smooth and efficient process from start to finish.





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