



Custom Engineered Perfection for Reactor Transport

Task & Details: Complex Heavy-Lift Challenge

When tasked with transporting two massive reactors weighing 525 and 165 tonnes from Italy to New Orleans, NMT Projects' unstoppable problem-solvers engineered a custom heavy-lift solution. Through meticulous planning and innovative design, we conquered the unique challenge posed by the 525-tonne reactor's unconventional shape.

Client Background and Challenge

NMT Projects was engaged to transport two reactors across continents – a 525-tonne unit with an irregular shape that required a tailor-made lifting arrangement, and a 165-tonne reactor.

Our Unstoppable Execution

Leveraging our heavy-lift expertise, NMT Projects conducted detailed analyses to determine the optimal, safest lifting points for the uniquely-shaped 525-tonne reactor. We then innovatively engineered a custom lifting arrangement specifically designed for its unconventional structure.

Collaborating closely with the reactor supplier and carrier, we ensured the solution was compatible with both the reactor's integrity and the vessel's crane capabilities. This cross-team coordination was vital for enabling safe and efficient transport.



The Results

NMT Projects' custom-engineered lifting arrangement allowed for the seemingly impossible – the safe delivery of the 525-tonne reactor across oceans despite its irregular shape and massive weight. This feat showcased our ability to solve the toughest logistics challenges through innovative thinking and planning.

“Our custom-engineered solution enabled the safe transport of this massive structure across continents.” – NMT Projects