

Posidonia's 500-Ton Pull Test Bench

Posidonia boasts the most powerful pull test bench in the Mediterranean, capable of handling loads up to 500 tons (4905 kN). This horizontal tensile testing bench stretches nearly 30 meters and is operated by a hydraulic piston. It is annually calibrated by the Politecnico di Milano, with approvals from Lloyd's Register of Shipping, the Italian Navy, and other IACS Classification Societies.



Remote Testing Capabilities

To enhance accessibility and efficiency, Posidonia offers Remote Functional Approval (RFA) for tests up to 500 tons, as approved by Lloyd's Register. This service allows both inspectors and customers to participate in real-time testing remotely, facilitating faster and more direct communication between Posidonia and certification entities.

Comprehensive Certification Services

Posidonia operates in accordance with and certifies its products through all 11 IACS (International Association of Classification Societies) registers, including ABS (USA), BV (France), CCS (China), DNV (Germany), LR (UK), RINA (Italy), and others. This extensive certification capability ensures that our products meet international standards for quality and safety.

Certified Welding and Non-Destructive Testing

Our workshops employ certified welders who adhere to ISO standards, ensuring the highest quality in fabrication. Additionally, our staff is qualified to perform non-destructive testing (NDT) and magnetic particle testing (MT), further guaranteeing the integrity and reliability of our products.

