



MAN Diesel & Turbo

Client Requirement

MAN Diesel & Turbo required a bespoke load bank package to test up to **6300kW marine diesel engines**, which MAN manufacture at their St Nazaire site in France. During testing, the engines are linked to a generator and the genset output is then tested. The engines are tested at 110% and for extended periods: one engine is initially run for 60 hours, then the genset is set up on the test bench and various load tests are run over the course of approximately one month.



Load Bank Package

2 x 4500kW Resistive Load Banks and 2 x 4.5MVA Transformers (Stackable)



After careful consideration we consulted Crestchic for our unique power testing needs.

As an industry leader with international capabilities and vast experience in bespoke applications Crestchic was the unrivalled choice.

Arnaud Guille, MAN Diesel & Turbo



Key Objectives



Eliminate live element technology, which can cause earth leakage and short circuits in resistor elements.



To reduce the footprint through an innovative stacking design of the Crestchic containers. Also, noise reduction with operating output of 75dBA.



A bespoke testing package, with technology that no other load bank provider was able to supply.

Crestchic's rental fleet is the largest of its kind in the world and provides a highly flexible solution for companies that have a load requirement. With over 30 years' experience in the sector, the company has a **capacity in excess of 150MVA worldwide**.



Considerable Cost Savings



Noise Regulation Compliant



Reduced Footprint



Bespoke Application