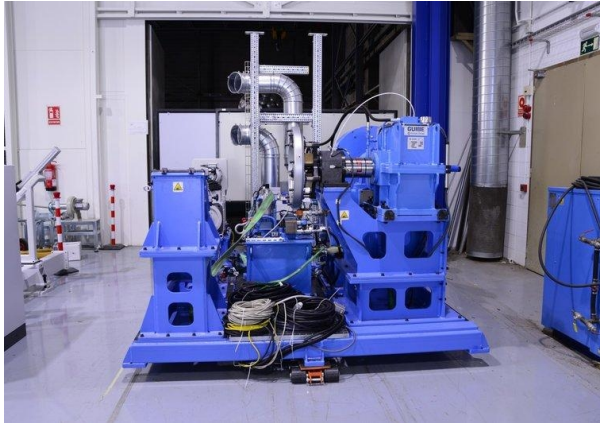


Rotary Test Benches



Our engineering teams specialize in the development of advanced test benches for helicopter gearboxes and other rotary applications, efficiently carrying out functions such as:

- Characterisation of torque and load transmissions
- Dynamic and fatigue testing of spinning components

The turnkey solutions we provide aid OEMs and suppliers in RandD, for new developments, as well as in MRO operations, for existing models. Some of these products include:

MGB Test Bench

A multifunctional test bench for helicopter main gear boxes (MGB) which is easily adapted to different gear box models. It does in one what would normally require several test benches, performing tests under full dynamic conditions while simultaneously monitoring and adjusting the loads (torque, thrust, bending and shear), flow and lubrication system.

IGB-TGB Test Bench

A smaller-sized, more lightweight machine than its alternatives on the market, the Applus+ Laboratories IGB-TGB test bench offers a 100% electric solution for testing helicopter intermediate and tail rotor gear boxes. It assesses speed, torque and force while monitoring the precise evolution and quality of the oil temperature, and it's 95% dismountable for easier transportation too.



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