

WHAT WE DO

Vibration tests:

Our Laboratory performs vibration and shock test eventually combined with thermal chamber

Calibration of accelerometers:

Frequency linearity
Amplitude linearity
Temperature linearity

Fixtures:

We design any kind of fixture using the most advanced technologies and more than 25 years of experience in fixture design and vibration test.

- Custom fixture
- Expander
- Extender
- Cube and prism
- Triaxial fixture
- Resonant fixture

Slip Tables:

RT and VST are our innovative slip tables studied to satisfy aerospace and automotive vibration tests needs.

For further informations:
www.centrotecnica.net - mail info@ctecnica.it - tel 0039 02 5530 5888



CENTROTECNICA S.r.l.

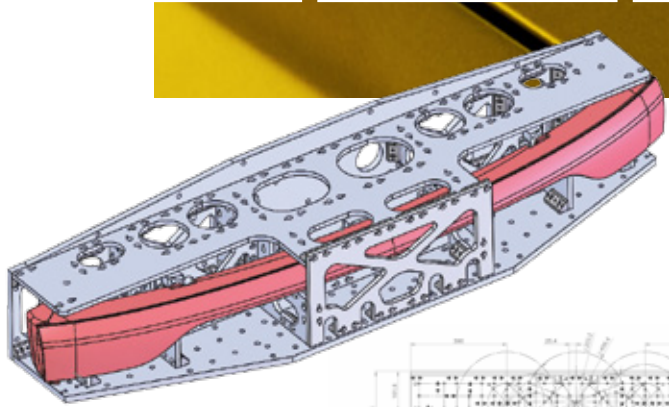
www.marketing-action.it



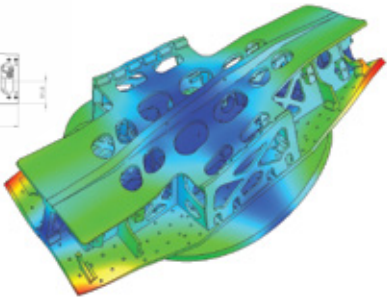
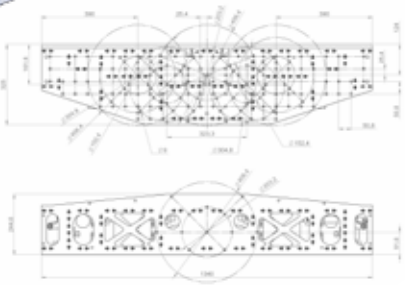
AUTOMOTIVE FIXTURE



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FEM analysis and design supported by 25 years of vibration test experience.

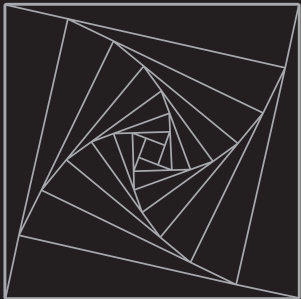


Fixture optimization: features, timing and costs.

Fixtures for tests of qualification, reliability, photometry, rain, shock and fatigue.

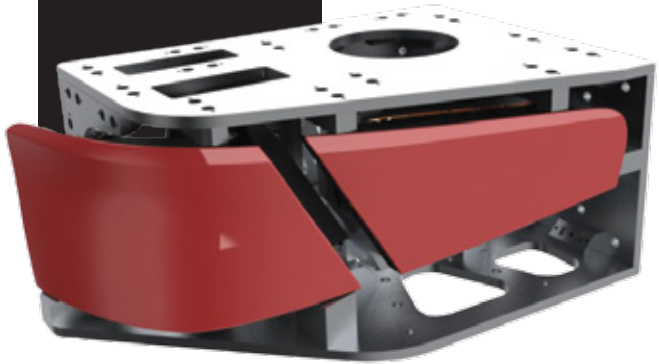
Many different possible fixture configurations (rotation on 3 axes, multiple items fixture, triaxial or multiple axes at the same time).

3D dimensional certification through 3D 7 axis measurement instrumentation.



In-house dynamic certification before the fixture delivery.

Technical report and manual that includes: mounting instructions, finite element analysis, dynamic test with best control accelerometer position and strategy.



Best compromise between stiffness and weight for sine, random and shock tests.

Perfect reproduction of fixation point, RPS, car body surface, and more.

Fixture mountable along the three axes.



Fixture for testing multiple items at the same time to shorten test time.



Photometric supports.



Water test supports.

