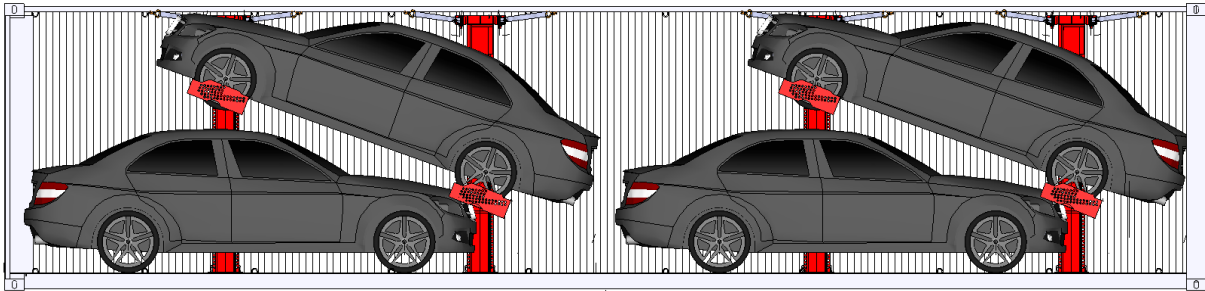


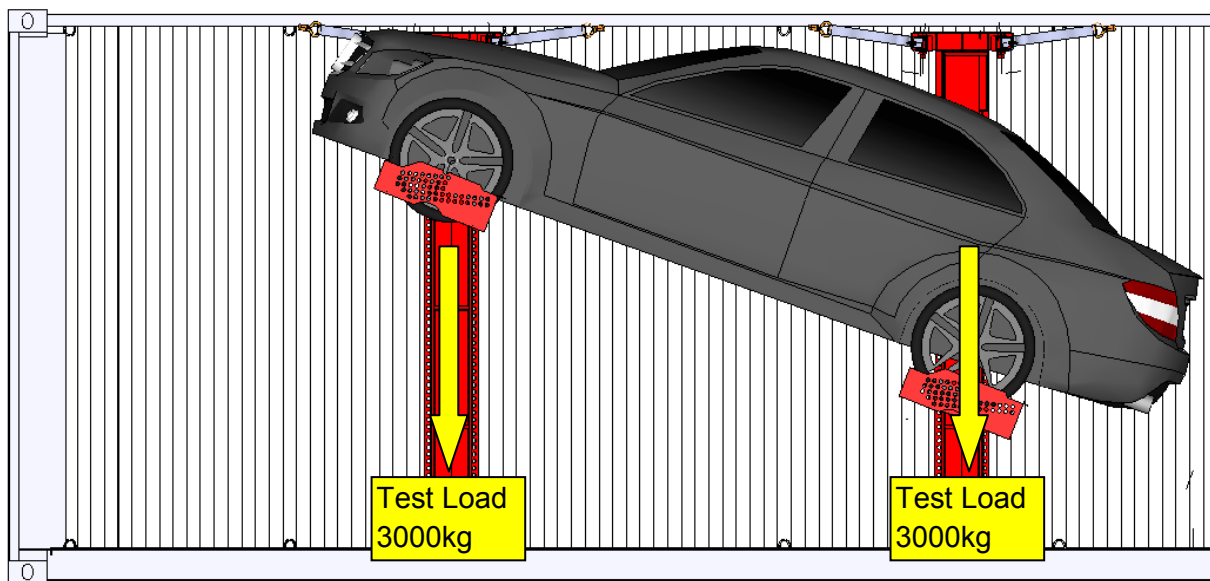
R-Rak Test Report - Issue 13 July 2011

Testing devised to simulate Transport and Handling on Road, Rail and Sea. All tests witnessed and recorded by Bureau Veritas, and conducted by SSPC and CiCLtd.



1. Vertical Acceleration

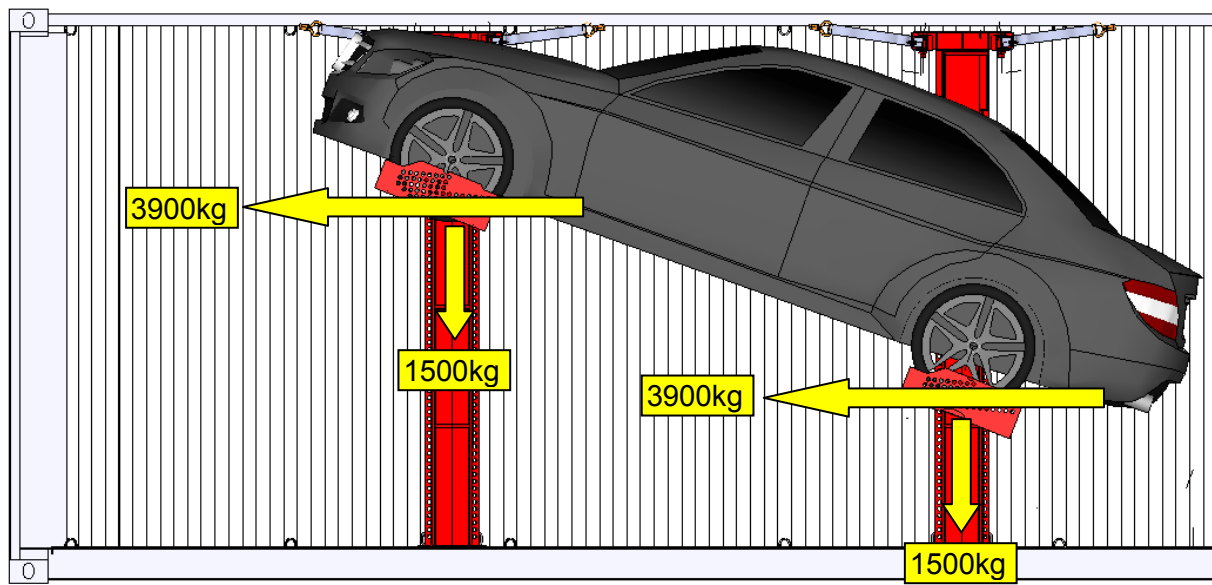
- **Test Load per wheel frame** - 3000kg vertical



- **Comments** - Minimal permanent set in wheel frames and posts.
- **Result** - Satisfactory
- **Conclusion** – R-Rak good for vertical impact according to ISO 1496 carrying a typical vehicle up to 2500kg and axle weight distribution 60/40 up to 2g, and for a **1900kg** vehicle up to **3g vertically**.

2. Longitudinal Acceleration

- **Test Load per wheel frame** – 3900kg horizontal force, 1500kg vertical
- **Variations** – Load at 1000mm height and 1500mm height



- **Comments** - Minimal permanent set in wheel frames and posts. Some 'give' in polyester webbing.
 - **Result** - Satisfactory
 - **Conclusion** – R-Rak good for longitudinal acceleration according to ISO 1496 carrying a typical vehicle up to 2500kg and axle weight distribution 60/40 for 3g, and a **1900kg** vehicle up to **4g horizontally**.
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Cars in Containers Ltd.



TRANS-RAK
FOR DOOR-TO-DOOR CAR LOGISTICS

3. Test Methods

