

Anwendung

High Force Dynamic Multipurpose Testing System Type LFV 1800 kN

Specially designed for fatigue testing on railway components.

Features:

- Large t-slots base platen W x D 3500 x 3000 mm for fixing of various specimens.
- Hydraulically moveable upper crosshead through two long-stroke actuators and passive clamping system onto the columns for quick, easy and accurate test set-up.
- Cart for easy loading of specimens with a crane with motorized moving in and out of the testing room.
- High force bending rollers fixed in t-slot of the loading cart.
- Servo-actuator for high speed testing up to 1 meter per second and test force up to 1800 kN.
- Hydraulic power pack Type PAR 550 litres per minute with re-cooler (chiller) system.
- Hydraulic manifold and command unit Type AZ 500 to provide reduced oil pressure and reduced oil flow for safe test set-up and shut down of the system.
- Digital controller PCS₅₀₀₀ & testing software DION for fully automatic test procedure in closed loop mode.
- Dimensions of the testing machine W x D x H 3700 x 4700 x 5300 mm, required space for the complete system 6 x 11 x 5 m.

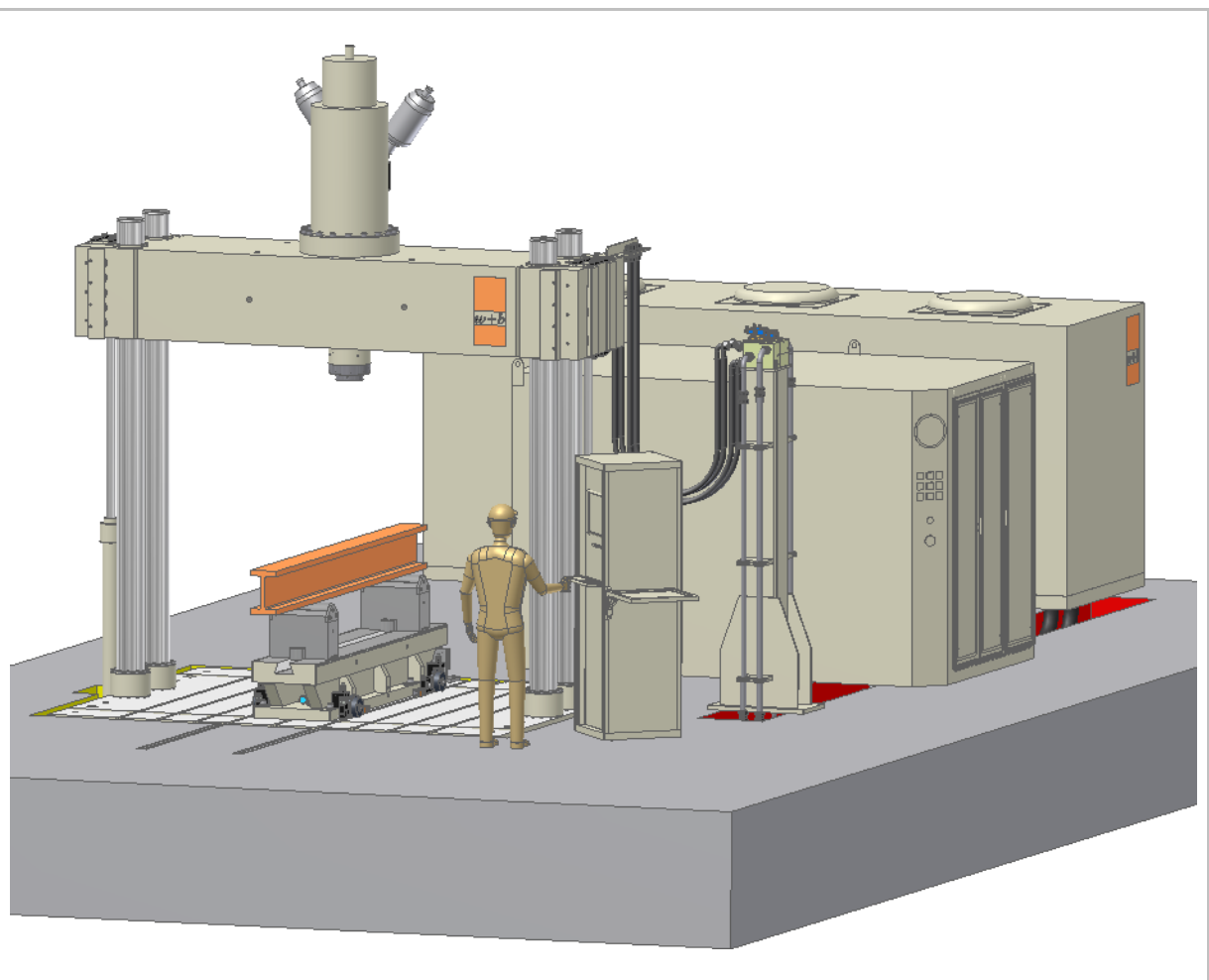
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