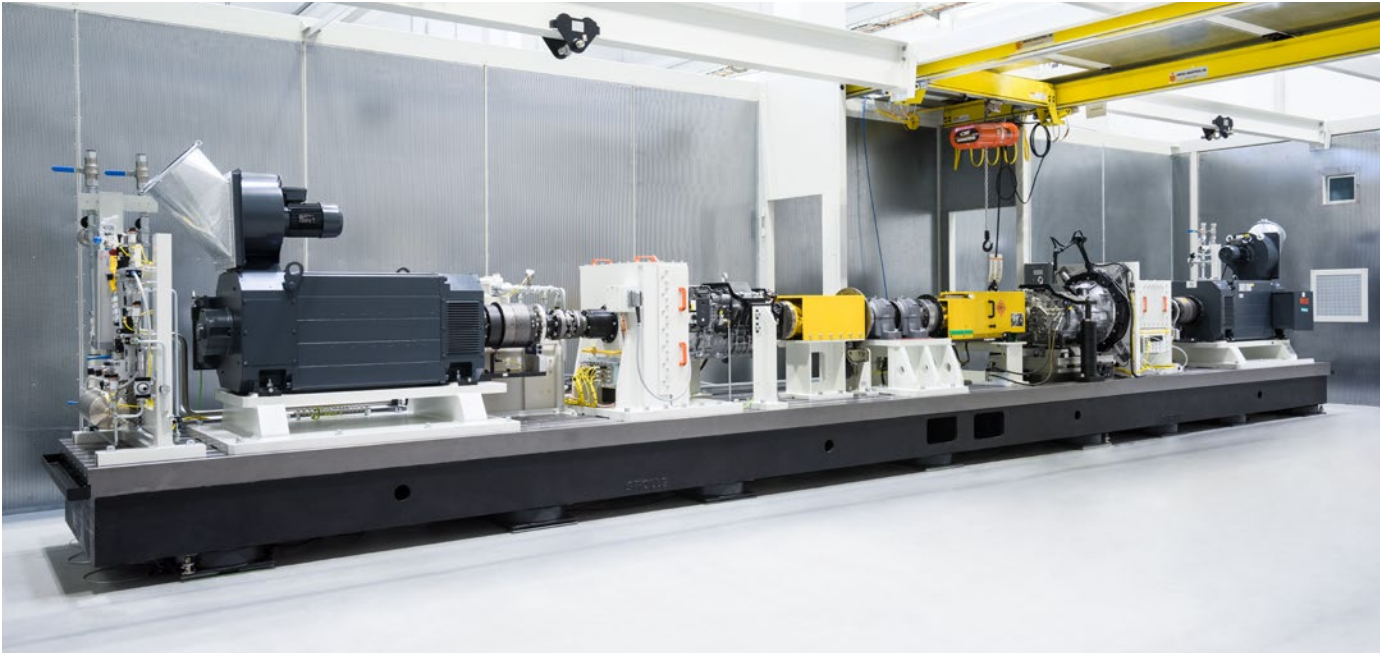


**LABORATORY TEST STAND**  
FOR HEAVY TRUCK TRANSMISSIONS

**BLUM**  
**NOVOTEST**



# LABORATORY TEST STAND FOR HEAVY TRUCK TRANSMISSIONS



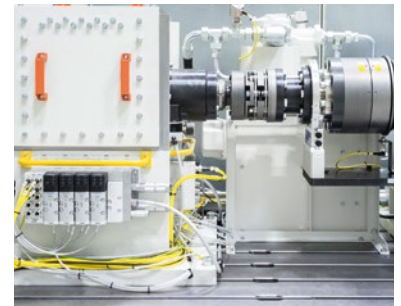
Laboratory test stands developed by Blum-Novotest for transmissions are used to operate and conduct audit test runs, field complaint investigations and vulnerability analyses. Preliminary tryout transmissions are handled as well. The entire test stand is contained in a soundproof cabin. The middle area of the chamber is designed to be "bulletproof". This means that it is constructed with special steel plates and reinforced safety glass. The control room is installed outside of the testing chamber. All doors are locked and monitored during testing.

## Features:

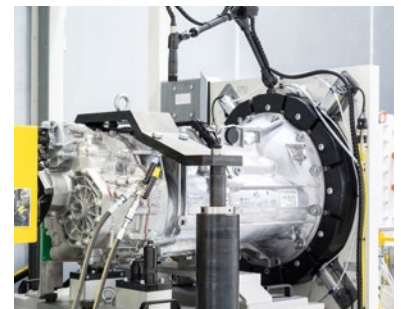
- Soundproof cabin (bulletproof in testing area)
- Control room is separate from the testing chamber (safety consideration)
- Lifting equipment for loading and unloading the transmission (optional)
- Visualisation system for test bench control
- Computer system for test sequence control and data acquisition
- Noise analysis

## Technical data

Test stand dimensions	Approx. 12,000 x 2000 x 3000 (WxLxH in mm)
Safety cabin dimensions	Approx. 14,000 x 5000 x 5000 (WxLxH in mm)
Specimens	Truck transmissions
Drive motor and take-off motor power	560 kW
Max. rotation speed	3300 rpm
Drive torque	3055 Nm
Max. output torque	45,000 Nm



Safety coupling and torque measurement flange in drivetrain



Specimen is adapted and secured during testing