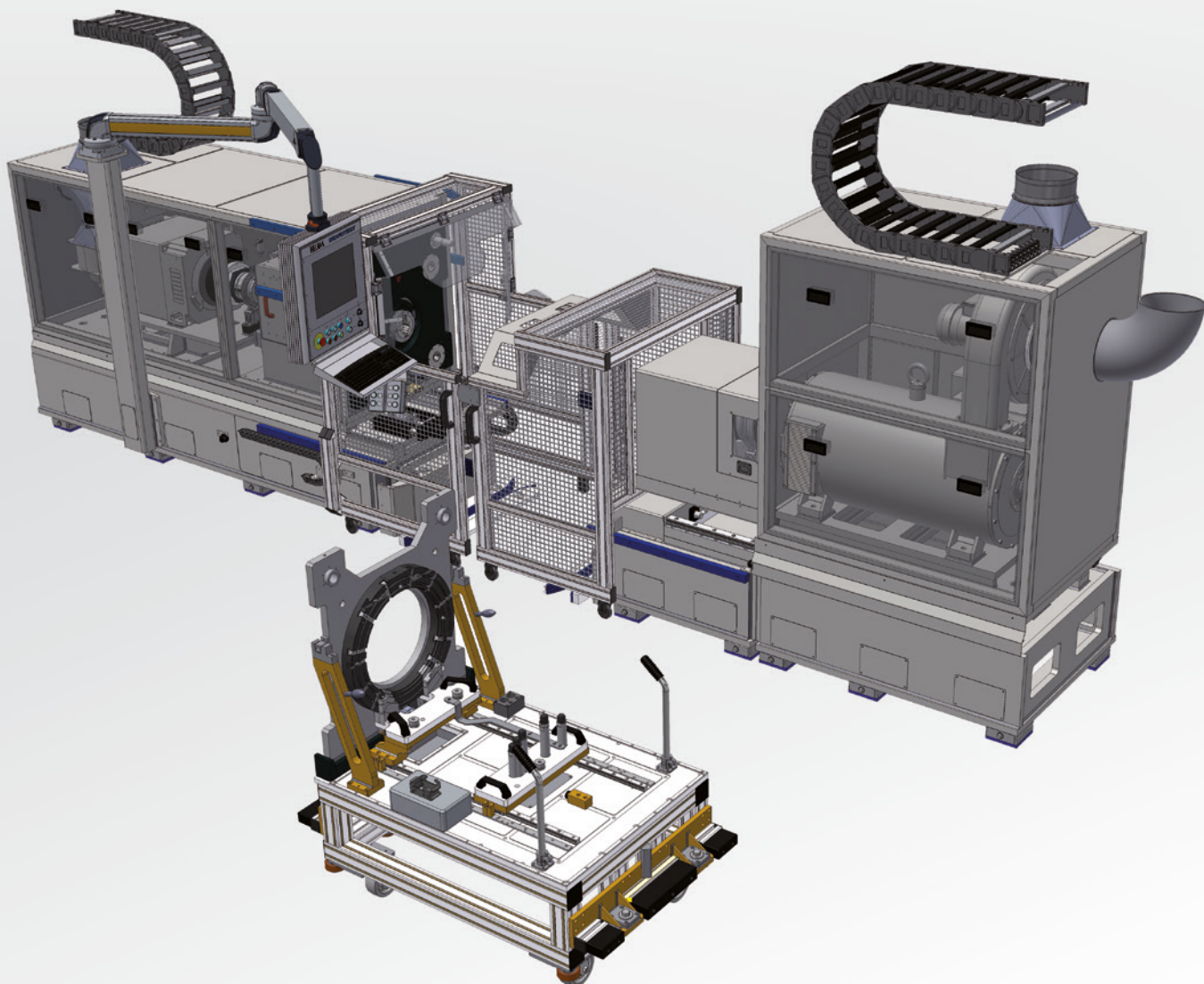




## TEST BENCH

FOR HEAVY TRUCK TRANSMISSIONS

**BLUM**  
**NOVOTEST**



# TEST BENCH FOR HEAVY TRUCK TRANSMISSIONS



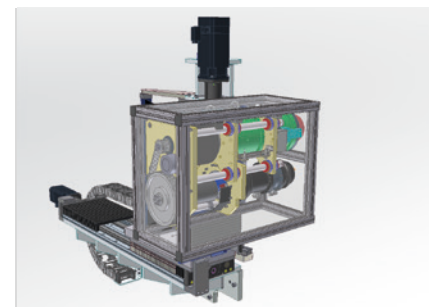
The transmission test benches developed by Blum-Novotest are used for quality assurance purposes during production. The test bench illustrated here is used to test the function of the transmission at the end of the production line. This is a 100 % test.

## General:

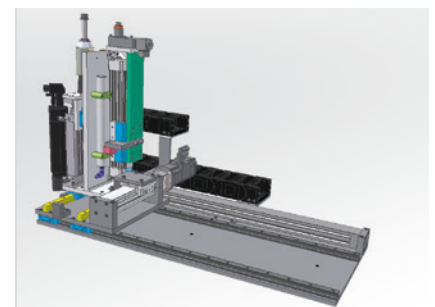
- Automated operation test, noise test and synchronous test
- Manual loading on loading station
- Automated oil filling and draining during the test process

## Features:

- Visual display system for test stand control
- Control system for test process control and data recording
- Version-conditioned interchangeable parts for clamping and to adapt input and output
- Special shifting robot for heavy-duty applications (1 linear axis and 1 rotation axis)
- Noise recording system: 2D-Servoaxis positioning system with constant-pressure pneumatic feeding axis



Shifting robot with feeding axis



Automated oil filling and draining

## Technical data

|           |                                                                          |
|-----------|--------------------------------------------------------------------------|
| Type      | Test bench for series production with 2 engines                          |
| Specimens | Front-lengthwise transmissions                                           |
| Input     | Shaft power 205 kW   Rotation speed max. 3000 rpm   Drive torque 675 Nm  |
| Output    | Shaft power 403 kW   Rotation speed max. 3600 rpm   Drive torque 4000 Nm |