

TEST STAND
FOR HEAVY TRUCK TRANSMISSIONS

BLUM
NOVOTEST



TEST STAND FOR HEAVY TRUCK TRANSMISSIONS



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

General:

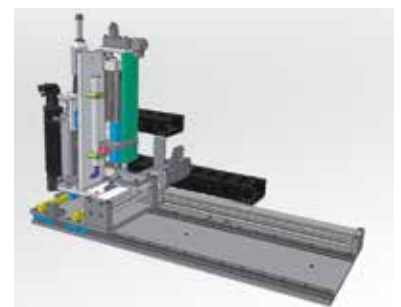
- Automated operation test, noise test and synchronous test
- Manual loading on loading station
- Automated oil filling and draining during the test process

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 stand 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