

TEST STAND
FOR FRONT-TRANSVERSE TRANSMISSIONS

BLUM
NOVOTEST



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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 information:

- Automated loading
- Fully automated loading and unloading
- Pre-selectable test programmes
- Automated gear-changing with shifting robot (2 units)
- Recording of shift values
- Objective noise evaluation

Test procedures:

- Automated operation test
- Noise test
- Synchronous test

Features:

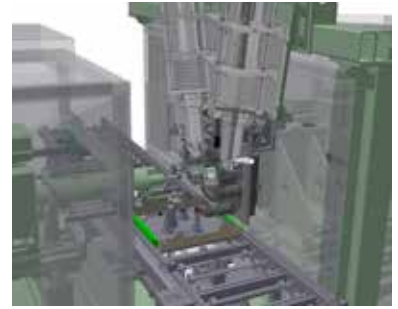
- Visual display system for test stand control
- Control system for test process control and data recording
- Noise recording system
- Shifting robot

Special feature:

Retrofitting of a second input unit and a second shifting robot due to new transmission variant (mirrored differential).

Technical data

Type	Test stand for series production with 3 engines (4 engines)
Specimens	Front-transverse transmissions (passenger car class)
Input	Shaft power 113 kW Rotation speed max. 5000 rpm Drive torque max. 372 Nm
Left output	Shaft power 113 kW Rotation speed max. 2000 rpm Drive torque max. 1288 Nm
Right output	Shaft power 113 kW Rotation speed max. 2000 rpm Drive torque max. 1288 Nm
Number	3 test stands



Switching robot, 2 pieces



Transmission in standby position in front of clamping station



Clamping angle