BOOT TEST RIG
FOR AMBIENT TEMPERATURE

BLUM
NOVOTEST

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The rig is used for testing of the boots of drive shafts under ambient temperature. Individual adjustable load collectives for steering angle, jounce and axial movement can be driven with the dynamic axes. Grease leakage from a boot will be detected by a detection system and the corresponding drive train with the defective boot will be switched off. Based on the specified test program and the completed revolutions, conclusions can be drawn about the durability of the specimen.


Bearing unit with applied steering angle

Features:

– Grease leakage detection at each boot

– Air flow simulation at each joint

– Dynamic steering angle, jounce and axial movement


Grease leakage detection and air flow simulation

Technical data

Motor speed	± 2500 rpm
Shaft length	300 - 1250 mm (Flange surface to flange surface)
Steering angle	-5° to +60°
Steering angle dynamic	± 23° at 0.5 Hz
Jounce	0 - 250 mm
Jounce dynamic	± 60 mm bei 0.5 Hz
Axial movement	30 - 300 mm
Axial movement dynamic	± 20 mm bei 0.5 Hz