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# Bogie Testing NBT Duoglide

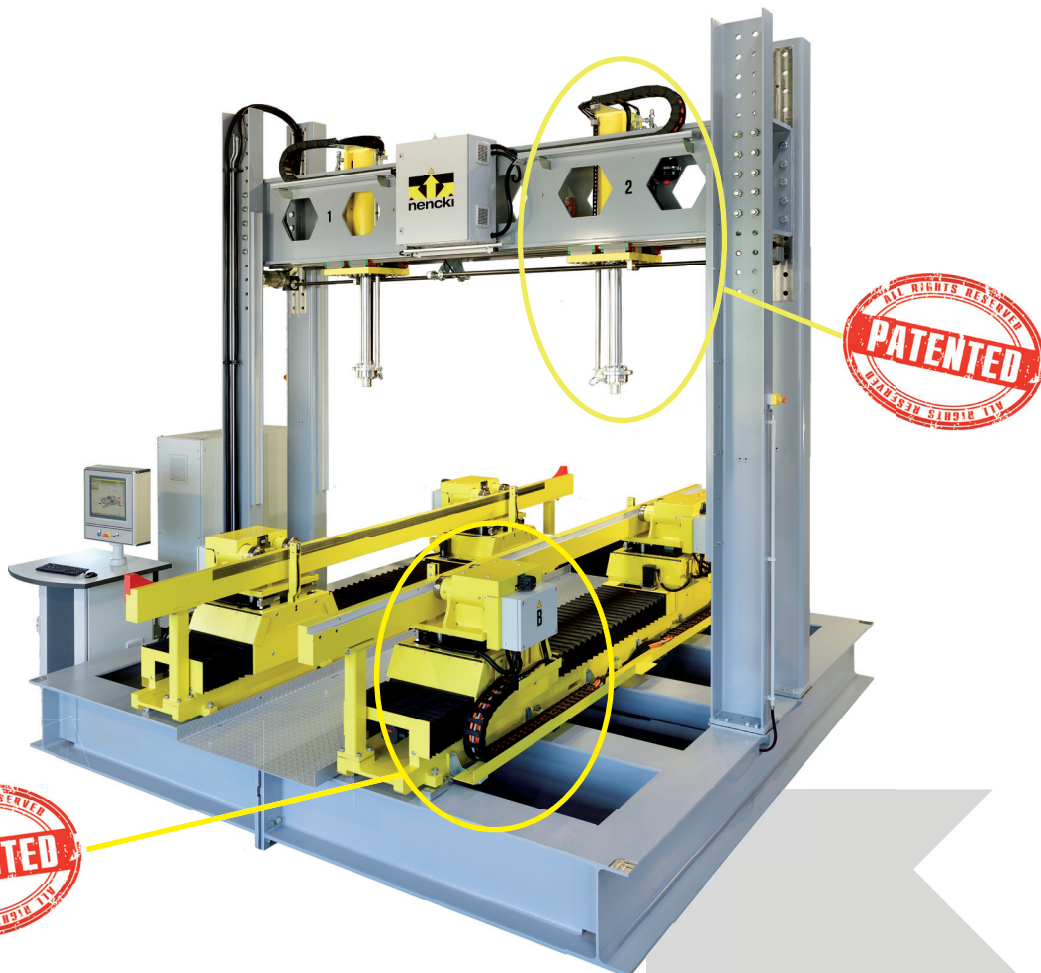


## « Automation and High Precision

### TESTING ACCORDING TO INTERNATIONAL STANDARDS

- « Precise testing of the bogie parameters
- « Testing according to international standards with corresponding documentation
- « For tests up to 2 x 250 kN
- « For demanding testing of the bogies of various rail vehicles such as high-speed trains, railroads, metros etc.
- « Final inspection of the newly produced, overhauled or revised bogies
- « Reduction of the test cycle through automation

## « Testing Brought to a New Level



## « State-Of-The-Art Technology

### DRIVE AND FORCE APPLICATION

- « Symmetrical and asymmetrical force application through servo-hydraulics (patented)
- « High measuring accuracy of the entire system
- « Secure cylinder position hold even in the event of a power failure
- « Quick warm-up of the spring elements through “scragging”

### DUOGLIDE WHEEL LOAD MEASURING

- « Patented wheel load measurement by using 4 automatically adjustable wheel measuring units

### HIGH DEGREE OF AUTOMATION

- « Automatic insertion and removal of the bogie
- « Automatic centering of the bogie
- « Simulation of the shims

## « Save Time and Money

### SAFE AND ERGONOMIC OPERATION

- « User-friendly operation and handling
- « A high level of personal safety
- « Secured hold in case of emergency stop and power failure
- « High degree of automation
- « Low noise emissions

### INCREASE IN COST-EFFECTIVENESS

- « Low life cycle costs thanks to energy-efficient and maintenance-friendly design
- « Significant reduction in test cycle time

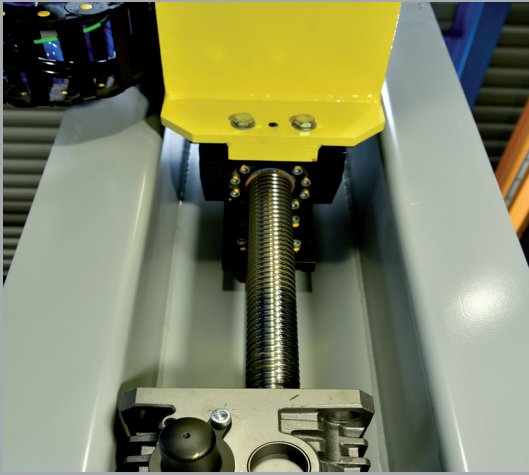
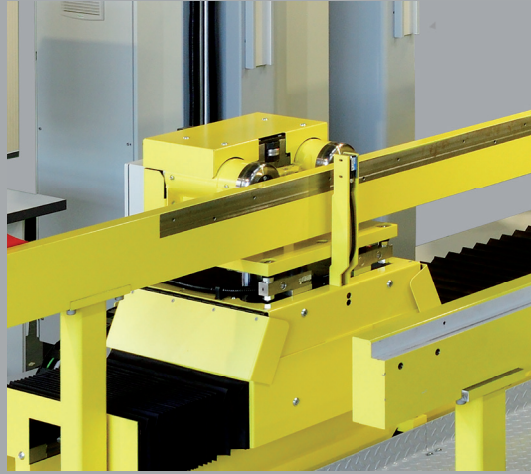
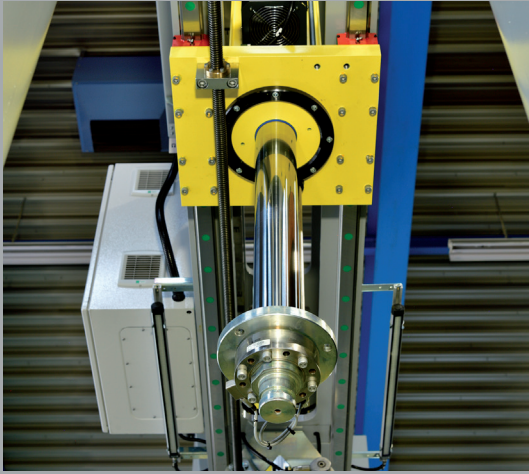
### HIGH QUALITY

- « High measuring accuracy
- « High-quality, industrial-grade materials
- « State-of-the-art production processing
- « Long-lasting design
- « Worldwide customer service

### HIGH SAFETY IN TRAIN OPERATION

- « Increasing derailment safety
- « Reduction of noise emissions
- « Reduction of wear on wheel and rail
- « Increasing passenger comfort
- « Reduced train downtimes

# « High Quality and Long-Lasting Design



## « Technical Data

MODEL	NBT-Duolide
Nominal Test Force	2 x 250 kN
Number of Axles of the Bogie	2
Bogie Dimensions:	
Height	400 -1800 mm
Length	max. 5000 mm
Width	max. 3500 mm
Space Requirements (L x H x W)	5500 x 7000 x 5100 mm

## « Contact and Further Products

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