



Nencki damper test stand NDT Flexible, fast, economical

Higher speeds and axle loads, the reduction of the life cycle costs, noise, vibration and wear as well as testing standards, demand extensive requirements for dampers of railway bogies.

The Nencki damper test stand NDT (up to 25 kN test force) was developed exclusively for the railway application. It is designed to measure the damper force in relation to the speed. Therefore the entire unit with the damper has to be swivelled into the assembly position.



Possible tests and evaluations

- Force- / speed diagram
- Force- / stroke diagram
- Static absorber force
- Leakage test cycle

Damper data

Max. damper length	1200 mm
Min. damper length	200 mm
Max. damper diameter	200 mm
Max. damper weight	50 kg
Max. axial force	25 kN

Dimensions

Required space L x W x H	2900 x 1600 x 2350 mm
Total weight	1800 kg
Floor load	1250 kg/m ²

Damper slide

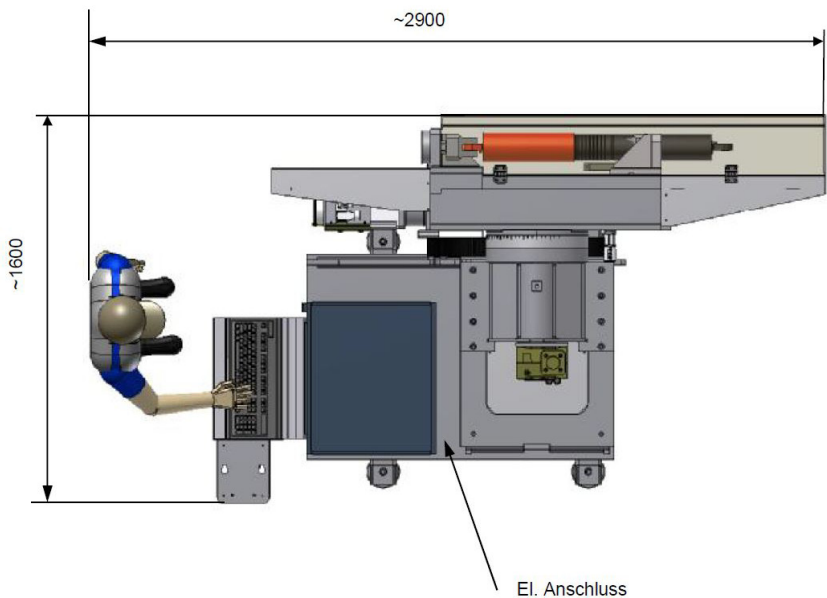
Max. stroke	600 mm
Max. feeding force	25 kN

Swivelling axle

Max. twisting angle	110°
Horizontal reference position	- 0°

Elektrikcs

Operating voltage	3 x 400 Volt + N + PE
Frequency	50/60 Hz (andere auf Anfrage)
Fuse	40 A
Connecting power	15 kVA
Control voltage	24 V DC



Nencki Ltd.
Aarwangenstrasse 90
CH-4901 Langenthal, Switzerland

Phone +41 (0)62 919 93 93
Fax +41 (0)62 919 93 90

E-Mail railway@nencki.ch
www.nencki.ch