TESTING

Sleeper flexure testing machine 600/1000 kN

TESTING
BLUHM & FEUERHERDT GMBH

Founded in 1978, TESTING from its 3,000 m² headquarters today supplies testing for construction materials on all continents.

TESTING offers its customers an extensive product portfolio of building material testing systems and machines as well as complete laboratory equipment, that satisfies all requirements and wishes.

"Made in Germany" stands for the outstanding quality delivered by TESTING.

Since 1996, TESTING has been certified in accordance with DIN EN ISO 9001 and since 2015, accredited as per DIN EN ISO/IEC 17025:2005.

MACHINE DATA

Flexure testing machine for rails and concrete turnout sleeper up to 4,2m F = 1000 kN with test from the bottom
- EN 13230, DBS 918 143 (Deutsche Bahn)
- Accuracy class 1 DIN EN ISO 7500-1
- incl. 3 self-aligning plates EN 13230-2 and fully automated centering for the sleeper (incl. schooner for pneumatic cylinder and maual position of railway sleeper("lift/put down")
- 4 columns frame, differential cylinder with servoslide quality
- Solid cylinder, surface harderd and ground fine for a small friction
- Piston anti-rotation protection system, piston stroke 300 mm
- Inductive displacement sensor: 300 mm measuring length, 0,01 accuracy set up in cylinder
- Shear force insensitive load sensor 1000 kN class 0,5
- Laser system for working area protection
- Fully automatic test execution with preset loading rate

SELECTED CUSTOMERS

- 2019 Germany - Neumarkt RAIL.ONE GmbH

- 2019 Poland - Poznan MERAZET S.A.

- 2018 Lebanon - Hazmieh (Baabda) Al Diyar International

- 2017 Germany - Laußig Leonhard Moll Betonwerke GmbH & Co KG

- 2015 Malaysia - Johor SPC INDUSTRIES SDN. BHD