

	<p>Object: Marschall test press for road layers</p> <p>Museum: Deutsches Straßenmuseum Im Zeughaus 76726 Germersheim 07274-500500 Info@deutsches-strassenmuseum.de</p> <p>Collection: A-Flügel (Straßenbaugeschichte, Baustoffe &amp; Geräte des Straßenbaus)</p> <p>Inventory number: DSM/2004/0164</p>
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## Description

**\*\*The Marschall test press: An instrument for determining the compressive strength of road materials\*\***

The Marschall test press is an important instrument in materials testing, used to determine the compressive strength of road materials such as road layers and road surfaces. This test press plays a crucial role in assessing the quality and durability of road surfaces and helps to ensure the safety and longevity of road infrastructures.

**\*\*Functionality and areas of application\*\***

The Marschall test press works on the principle of applying a defined pressure to a sample of road material to determine its compressive strength. By applying controlled forces to the sample, engineers and material scientists can gain important information about the structural integrity and load-bearing capacity of the material. This is particularly important in the design, construction and maintenance of roads to ensure they can withstand the demands of traffic.

**\*\*Technical features and importance\*\***

The Marschall test press is characterized by its precision, reliability and reproducibility, which makes it an indispensable tool in material testing. By accurately measuring the compressive strength of road materials, engineers can make informed decisions and select appropriate materials to ensure the quality and longevity of road infrastructure. In addition, the use of the Marschall test press enables standardized evaluation of materials, leading to improved comparability of test results.

## **\*\*Innovation and progress\*\***

The continuous development of the Marshall test press has led to improvements in efficiency, accuracy and ease of use. Modern test presses are equipped with innovative technologies that enable precise control of test parameters and optimize test performance. These advances help to standardize the testing process and make test results more reliable, which in turn leads to improved quality assurance in the road construction industry.

Overall, the Marshall test press plays a crucial role in assessing the compressive strength of road materials and contributes significantly to the safety and durability of road infrastructure. The Marshall test press is an indispensable tool for engineers, researchers and professionals in the field of road construction and materials science.

## **Basic data**

Material/Technique:	Metal
Measurements:	163 x 52 x 52 cm

## **Events**

Created	When	21. century
	Who	
	Where	

## **Keywords**

- Asphaltprüfung
- Asphaltsschicht
- Building material
- Mess- und Prüftechnik
- Prüfpresse
- Straßenbaugeschichte
- Straßenbaustoffe
- Straßenbautechnik
- Straßenschicht