

Horizontal Chain & Wire Testing Machine

Machine d'Essais pour Chaînes et Aussières Métalliques

Horizontale Prüfmaschine für Ketten und Drahtseile

Tensile

Chain & Rope

CNWT 100...3 000



Horizontal Tensile Testing Machine for Chain & Wire

The horizontal chain and wire tensile testing machine incorporates design features to enable high accuracy testing with economy, speed and versatility. It has a motor driven shaft for quick and effortless adjustment of test length to facilitate rapid fixing of test specimens.

A stiff frame construction, loading via a hydraulic transmission system and an accurate measure of the loading travel are the basis of the CNWT-system. An IBM compatible computer with TRAM-QA Windows software makes the machine a powerful "automatic" system for generating, filing and displaying quality data for chain and wire production. Simple to use software will enable the operator to grow familiar with the test machine after a very short time even if he has no experience at all in operating a computer. The software is supplied in national languages as required.

Comprehensive electronic protection prevents the machine from overloading damage or driving out of limits. A simple calibration procedure is included in the software.

For safe operation the machine is fully covered with protection shields and safety devices. For operation in dusty environments the system can be supplied with the computer and printer in a sealed tower arrangement.

The equipment offers a great opportunity to improve **quality management** through instantaneous data generation. In spite of the highly advanced and automatic testing procedure operation is easy.

Due to the modular design of the equipment and the versatility of the software, tailored systems can be offered at a moderate price. Systems for other board, sheet, and slab manufacturing industries can also be supplied.



QUALITY ASSURANCE

Specification

MODEL	CNWT 100...3 000
Capacity	100 - 3 000 kN
Distance between gripping heads	100 - 3 000 mm
Adjustable in steps	500 mm
Stroke length	500 - 600 mm
Stroke speed max.	35 - 300 mm/meter
Bed clearance	320 - 1 200 mm
Grips for round bar	10 - 30 Ø, 10 - 40 Ø, 20 - 50 Ø, 20 - 60 Ø, 20 - 70 Ø, 20 - 80 Ø
Grips for wire rope	10 - 22 Ø, 10 - 25 Ø, 15 - 35 Ø, 15 - 40 Ø, 20 - 50 Ø, 20 - 60 Ø, 20 70 Ø
Machine height (approximately)	1 m
Machine weight (approximately)	depending on size
Supply voltage	2 - 12,7 kW, V 400 - 440.

Specifications are subject to change without notice.



For realization of special customized wishes contact TRAM.



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