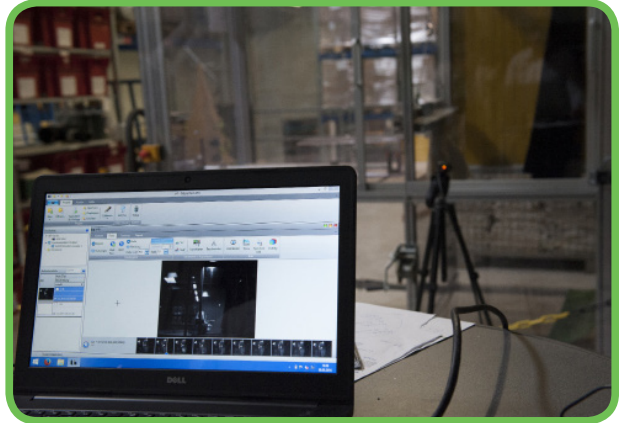


**We proudly present...
our impact test station according to DIN EN 848-3**



noltewerk conducts impact tests in its inhouse laboratory

Impact test according to EN 848-3:2012
„Safety for woodworking - milling machines for one-sided processing with rotating tool - Part 3.“

This is where danger lurks

High rotational tool speeds of modern processing machine increase the risk of coming under splinter attack when the tool breaks. Curtains with multiply redoubled lamellas, which stop the projectile, parts thereof or fragments, provide necessary protection.

The norm states:
The curtain shall be arranged such that it may not touch the tool.
The curtain shall be tested by projectile impact test.
The projectile with a weight of 100 g shall be stopped or deflected by the curtain upon impact on set target point with a speed of 70 m/s.
Curtain shall consist of a minimum of 6 rows of lamellas, which shall be no wider than 80 mm, with a minimum overlap of half the width of the lamella.
Curtain shall be wear-resistant.
The norm stipulates that in the impact test the projectile shall not pass through a level, located 400 mm behind the curtain.

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noltewerk tests in compliance with the standard

Our test method simulates the danger resulting from flying debris of tools and/or works. The test enables evaluation of the deflection capability of curtains regarding penetration and flying parts.

Test equipment consists of: Launching equipment, projectile, a bracket for the test object and an impact speed measuring system (measuring tolerance +/-5%).

5 tests with the same curtain shall be conducted. The test is deemed passed when all 5 individual tests were successfully passed.

Customer specific curtains

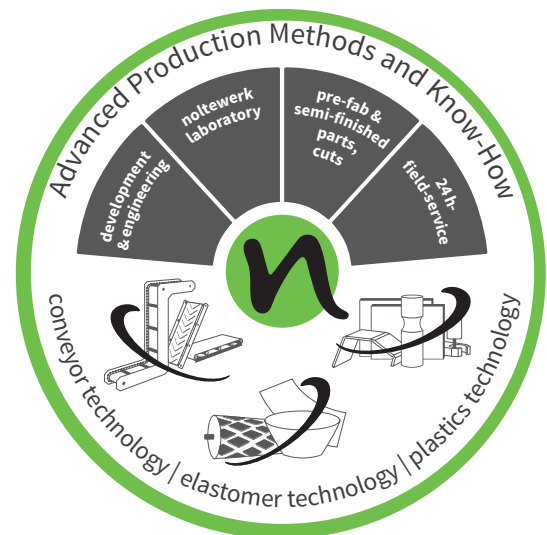
We are able to test any material, a customer wishes to integrate into his protective curtain system, with our impact test station. Material to be tested is mounted on our flexible rail system and is ready to go.

Report

Our report, according to DIN, contains detailed information as well as the overall test result. In addition, we provide high speed recordings as, due to the high velocity, the projectile and its trajectory as it is not visible to the naked eye. These recordings allow for calculation of terminal velocity and launch angle by means of tracking.

Source: DIN EN 848-3:2012, noltewerk

Your Contacts
+ 49 (2571) 16 - 311



For additional technical information and news about our company please see our website // noltewerk.de

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