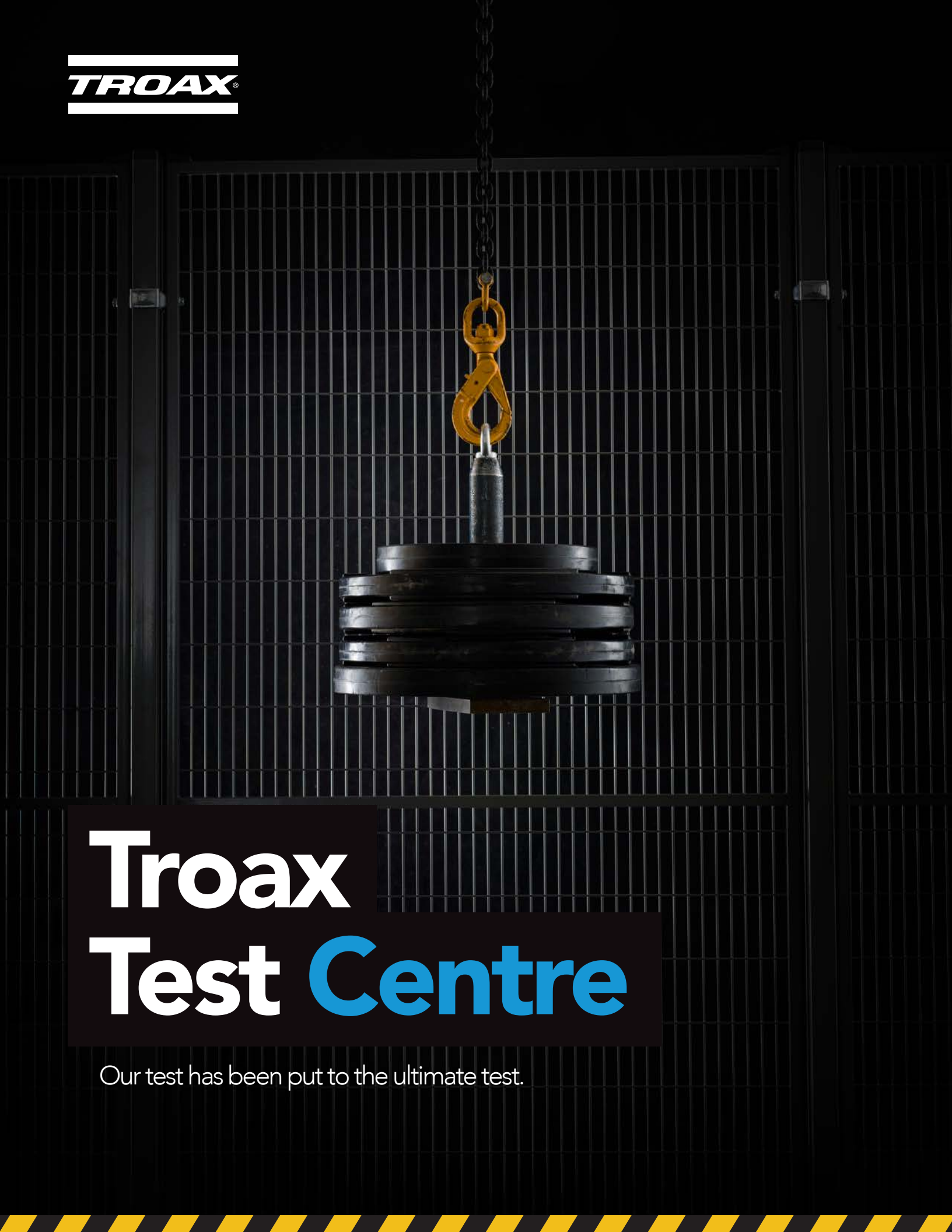


Troax Test Centre

Our test has been put to the ultimate test.

Making your world safe since 1955.

Playing it safe, worldwide.

For more than 60 years we have been developing innovative steel mesh panel solutions for machine guarding, warehouse partitioning, and property protection. Today we are the market leader and our products can be found all over the world, protecting people, property, and processes.

ct Test
THOAX

Safety doesn't happen by accident.

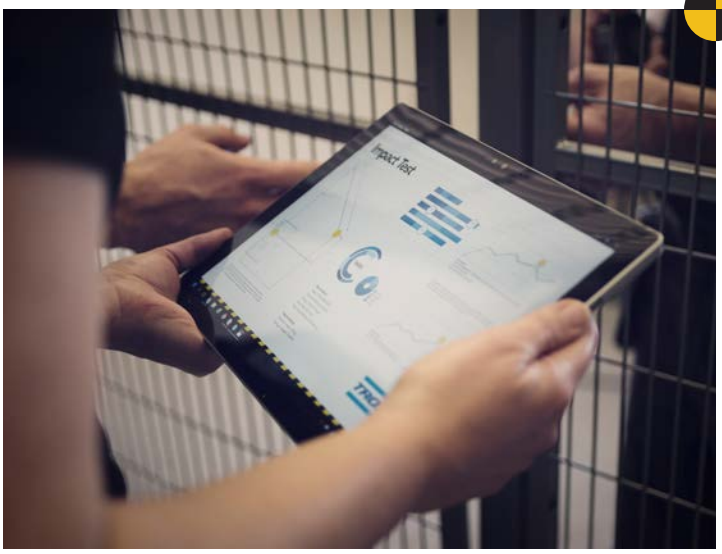
Troax Test Center is the heart of our business. Here our products go through tough tests to maintain a high standard. It's not an easy job; it takes a lot of time, effort, and fighting spirit, but it's always worth it, because our aim is to keep you safe.

When it comes to security, we like to play it safe. We never take chances, shortcuts or gambles. That's why we perform impact tests on our product systems including panels, brackets, retainers and Pallet Rack Backing systems in our Test Center. The results are good; they often exceed standards and directives for various markets.

A shade of grey.

Baby blue, lemon or jungle green? Our mesh panels and systems are available in any color you'd like, although black and grey are preferred for their non-visual distraction properties and security camera friendliness.

When it comes to colors, the rules and safety requirements are becoming more stringent by the day. The color of a mesh panel surrounding a robot or machine must allow for minimal visual interference making black and grey the obvious and most popular choices.



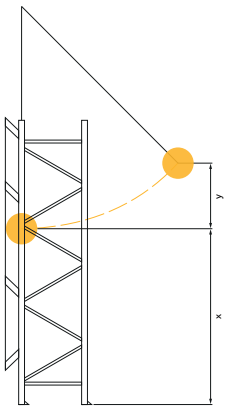
The quality and raw strength of our products and systems are evident, but our research & development department is continuously working to improve and optimize ALL of our product systems. Our test methods are constantly improving to guarantee quality and to meet new changing standards. All tested and approved products are branded with our own "Quality Assured" symbol. This is our quality seal.

We use the organization TÜV Rheinland to certify our test methods. TÜV Rheinland is short for Technischer Überwachungsverein, which means Technical Inspection Association. TÜV Rheinland consists of independent consultants who validate the safety of products and services of all kinds in order to protect humans and the environment against hazards. Since TÜV Rheinland has very strict requirements for the approval of a product or service, the certification is one of the strongest quality marks internationally.

The pendulum test method.

We do a variety of different pendulum tests on our product systems. The certification by TÜV Rheinland is the industry's first standard for Pallet Rack Backing systems. Troax is quite proud of this since we are the ones who created the procedure.

The purpose of the pendulum test is to document the effect of a high-energy impact test of 2500 joules on our Pallet Rack Backing system with bracket. With this test, a pendulum of 350 lbs was adjusted so that the impact hit the middle of the mesh in one of the panels. The impact test of 2500 joules is approximately 350 lbs traveling at a rate of 12.5 miles per hour.



The result is impressive as the Pallet Rack Backing system with bracket withstood the impact. There was no penetration and no parts departed. All panels, brackets and retainers remained attached. We're pleased that our test method is certified. This means that our Pallet Rack Backing system with bracket has high quality, solid performance and most importantly, your safety as priority #1.

TÜV Rheinland standard
2 PfG 2529/04.15

TÜVRheinland®
CERTIFIED

Type Approved
Safety
Regular Production
Surveillance

www.tuv.com
ID 0000049119

We put our test to the ultimate test.

We are the first mesh panel solution company in the world to have our test method certified. This means that we can guarantee that our test method promises what we say it promises; that you're safe.

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Making your world safe.

Worldwide there are dangers for people, property, and processes, but there's no need to worry. Troax will tirelessly do its best to make it safe. We're there. At your work. At your friends' and families' work. At your home. At your friends' and families' homes. You might not always see us or think about us, but we are always there, protecting and making safety standard.

TROAX®

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