STORAGE AND PROPERTY PROTECTION

Protecting People, Property & Processes

www.troax.com

It's one thing to be a world leader

It's quite another to develop products that really are world leaders

TROAX lightweight yet secure mesh panels have an important job to do: to make an area safe. Our systems are well-planned and carefully developed to cope with the most demanding applications. Feedback from our customers and our skilled employees makes it possible to offer the strongest and most intelligent systems in our sector.

Three strong market segments

TROAX delivers a broad range of high-quality safety solutions all over the world.

TROAX systems are marketed in three market segments: automation and robotics, material handling and logistics, and storage and property protection. By dividing operations up in this way, we can focus completely on the requirements and technical aspects within each market segment.

Automation and robotics

Today's modern industry with advanced processes places significant demands on safety. In particular, there is a great need for controlled access for authorised personnel. TROAX mesh panels are based on a carefully developed modular system that also includes special adaptations.

Material handling and logistics

TROAX can meet all requirements for storage and security. We are suppliers to all types of industry – from traditional manufacturers that require large-scale flows and volumes through their factories to facilities with high-bay storage and retail storage. We can meet all your requirements and we offer complete solutions.

Storage and property protection

Whether it's a question of new development or renovation of an existing installation, we are convinced that you will find our products easy to work with. Your unique needs and our creativity have contributed to our constant product development, giving rise to our motto: "Secure storage must be simple".

Table of contents

BUREAU VERITAS
1828

ISO 9001
ISO 14001

Sustainable product development

TROAX's own research and development department has been entrusted with continuous optimisation of our products and system solutions.

You should always feel confident with us and our products. This is therefore one of the most important parts of our business and our continued ability to translate ideas into strong products of high quality. All for your safety.

TROAX has an environment-friendly, flexible and streamlined production process. We are certified according to quality management system ISO 9001 and environmental management system ISO 14001, and we work continuously on improvements to our quality and environmental performance.

TROAX®

Global and Local presence

TROAX is represented in 31 countries, with its own sales companies in 20, and is continually developing its operations on all continents. A global presence that aims to strengthen our position worldwide. We meet your needs through local sales offices backed up by daily deliveries from the world's largest warehouse for mesh panels, TROAX in Hillerstorp, Sweden.

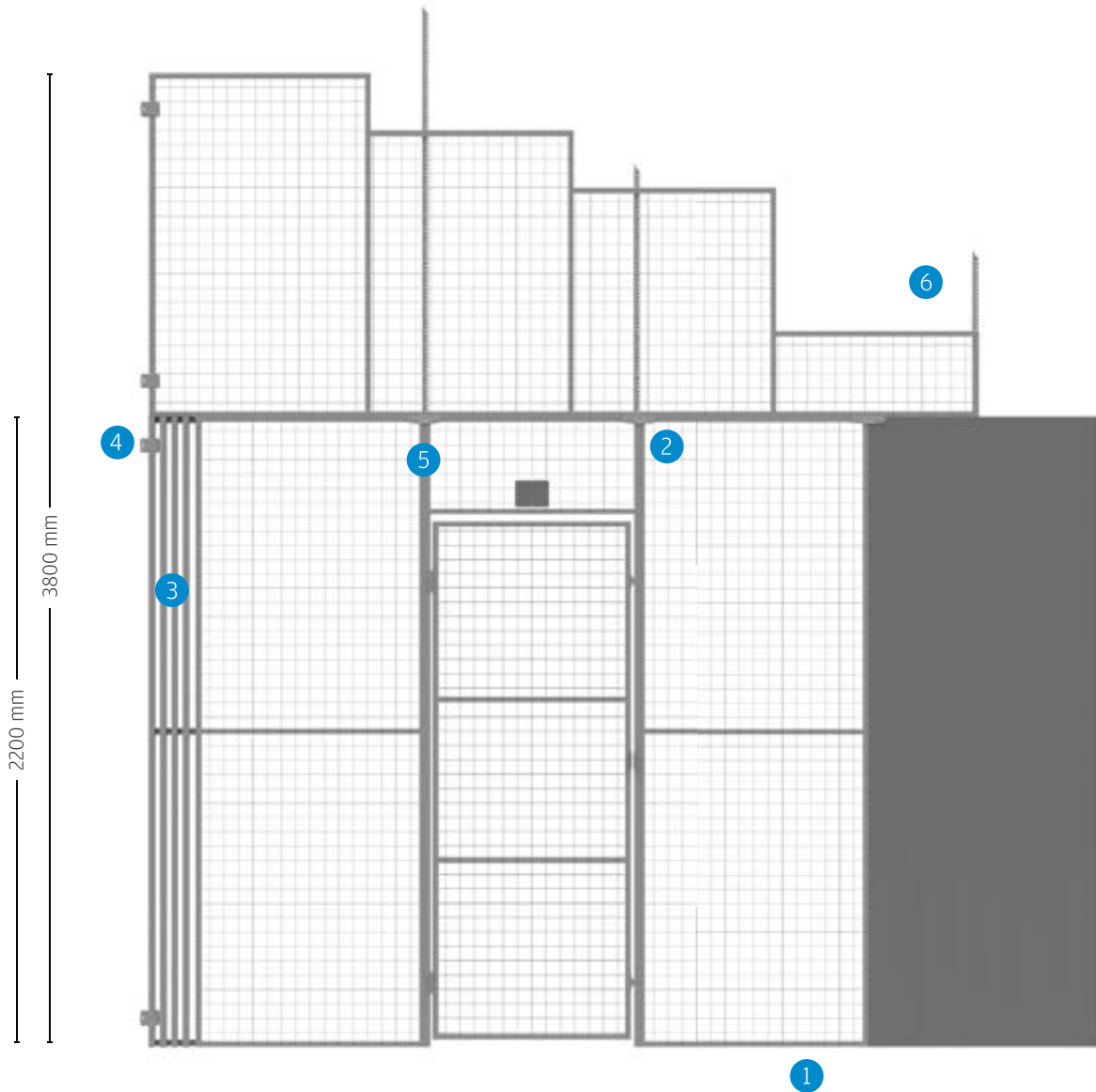● Sales Office   ● Distribution center   ● Production site

Int. Head Office: TROAX AB P.O. Box 89 SE-330 33 Hillerstorp Sweden
Phone +46 (0)370 828 00 Fax +46 (0)370 824 86
info@troax.com www.troax.com

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SWITZERLAND
AUSTRIA
FRANCE
SLOVENIA
CROATIA
PORTUGAL
SPAIN
ITALY
TURKEY

TROAX®

Build to suit your requirements with our unique system solutions

It is no coincidence that our systems can be adapted and constructed to suit your specific needs. Everything is intricately planned down to the smallest detail. The security levels of our three systems can also be combined with each other which is an innovative way in which to give you the most affordable and future-proof solution.

PANEL SYSTEMS

Door (HxW) mm:	Door type
2200x750	Classic, Medium
2200x900	Classic, Medium, Safe, UR SP

Panel (HxW) mm:	Panel type
2200x200	Classic, Medium, Safe, UR SP
2200x300	Classic, Medium, Safe, UR SP
2200x500	Classic, Medium
2200x700	Classic, Medium, Safe, UR SP
2200x800	Classic, Medium, Safe, UR SP
2200x1000	Classic, Medium, Safe, UR SP
2200x1200	Classic, Medium, Safe, UR SP
2200x1500	Classic, Medium, Safe

1 Floor support
The simple and unique floor support allows adjustments to be made in case of an uneven floor, for instance.

2 Snapper
Our snappers are used to fix panels together safely and strongly; this also makes the ceiling mounting incredibly strong.

3 Filler kit
Used to easily fill gaps in the wall system using the filler pipe which is secured into the smart profile.

4 Wall fixing
With our wall fixings, panels can be adjusted and secured to adjoining structures in the best possible way.

5 Screws and fittings
Our system is based on our self-tapping screws in combination with a variety of different fittings to provide incredibly strong and flexible fixings.

6 U-profile
Used to conceal sharp edges when adaptations have been made.

TROAX®

The broader perspective

Whether for a new construction or renovation, Troax provides customers with the high levels of safety and security they expect. With several security levels and a variety of different lock and door designs, you get a storage system suited to most properties.

Our mesh panels are effective against break-ins and vandalism. Additionally, they provide a fresh environment with good ventilation. It is, quite simply, a good investment for secure and satisfied tenants.

Garage The system is based on modular mesh panels and secures garages against break-ins and vandalism. Regardless of the security level you choose - a standard or customised design - you will get a secure and flexible garage system.
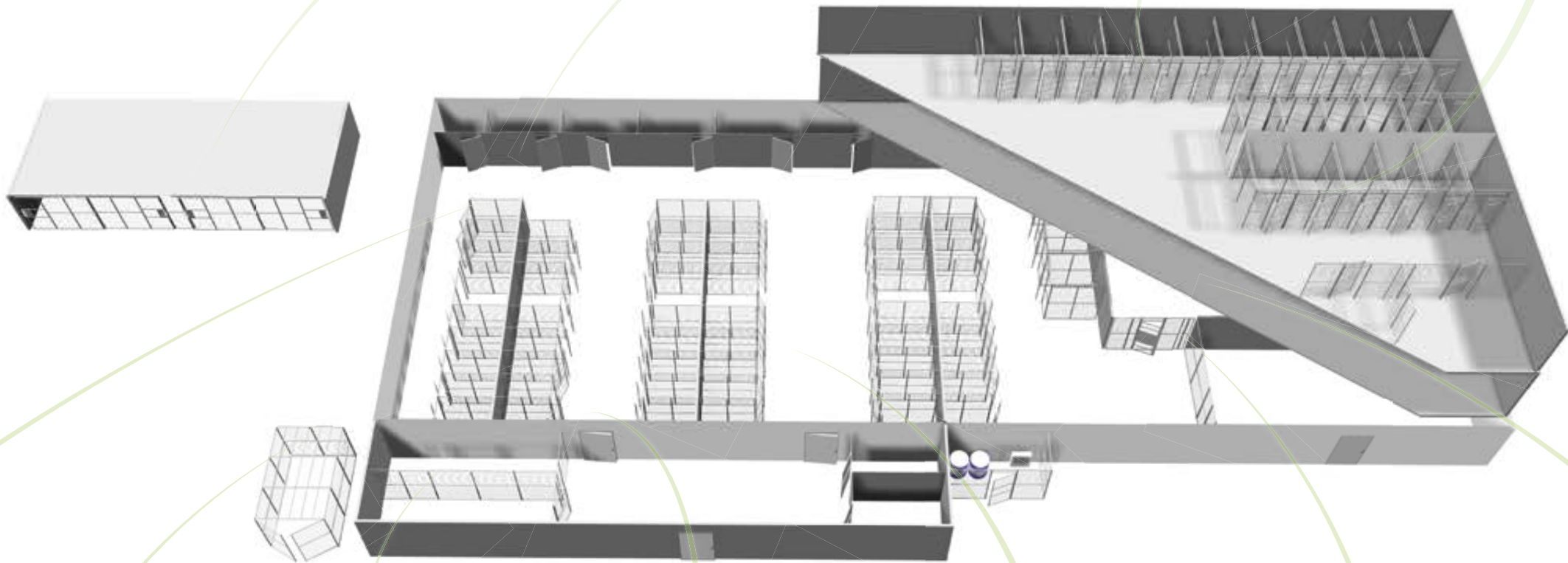
Steel panels UR SP is a secure, durable, and easy-to-assemble storage solution - ideal for when you need a system which protects your privacy. UR SP can be easily combined with our other types of mesh storage panels.

Loft space Our flexible systems are easily adapted to the situation at hand, such as sloping ceilings in loft spaces.

Troax Safe Our absolute safest product. Certified according to the Swedish Theft Prevention Association's standard for storage installations which protect against break-ins and suited to spaces which are particularly vulnerable to being broken into.

Rental storage Our storage solutions can be built using mesh panels, or steel panels which offer privacy protection. If the structure does not reach the height of the ceiling, mesh panels are recommended for extra protection.

Troax box Our boxes can be used both indoors and out, and as a permanent or temporary solution.

Troax Classic An excellent choice of mesh panel for areas which have good external protection and little risk of damage. It can also be used as a partition wall with our other systems to achieve an optimal solution.

Troax Medium Used primarily in areas where you need good protection against uninvited guests. In combination with approved locks, the risk of break-in attempts is reduced.

Doors Our secure, threshold-less door systems in the Classic and Medium ranges make passage easier.

Enclosure Our Caelum wall system is flexible and can be easily adapted to locations which are difficult to access.
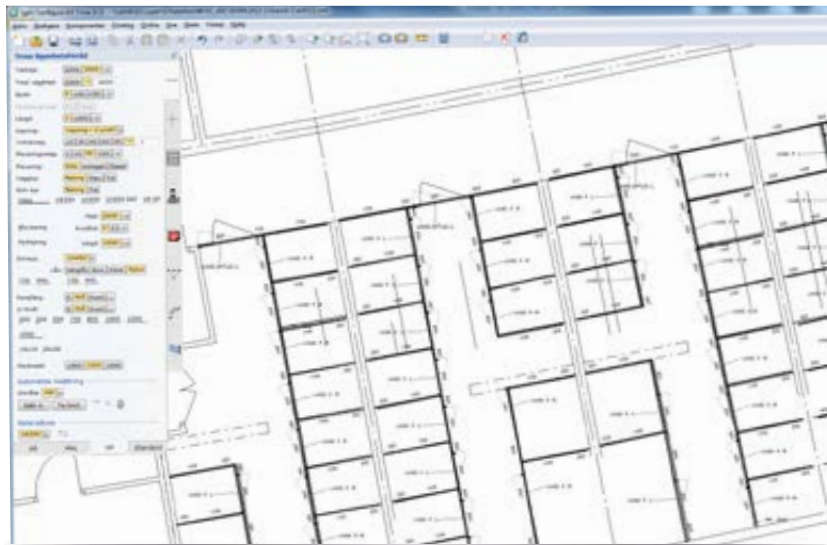
Server rooms Our modular systems, with or without mesh ceilings, can be fit at any height. The mesh panels allow complete airflow circulation and can be adjusted to fit around existing installations and other obstacles.

Drawings and overview in 2D and 3D

We have extensive experience in protecting people and materials in dangerous environments. Our sales staff can easily guide you through the different stages so that the solution we offer meets your needs.

Imagining how a solution may look before the material has been ordered can be difficult.

We can solve that problem using our Configura drawing and 3D rendering tool. Even before you order material from us, you can view our proposal via 2D and 3D generated drawings. This makes it easier to make a decision with no unpleasant surprises to come.
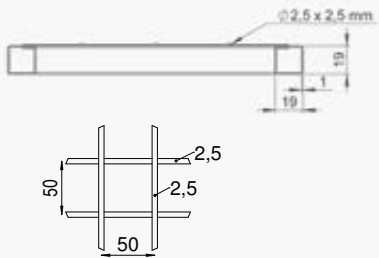

Our strength is in the details

In order to produce a strong panel and to develop more efficient manufacturing, as well as simultaneously meeting performance requirements, we have opted to make the frames with a profile in the horizontal tubes. Everything is manufactured in a highly-automated facility for the absolute highest quality.

TROAX CLASSIC
FOR LOW-RISK PROPERTY PROTECTION

TROAX CLASSIC

The Troax Classic Panel is an entry-level variant based on a welded tube construction of 19x19mm. The mesh consists of pressure welded wire gauges, each 2.5mm, with the mesh equivalent to 50x50mm.
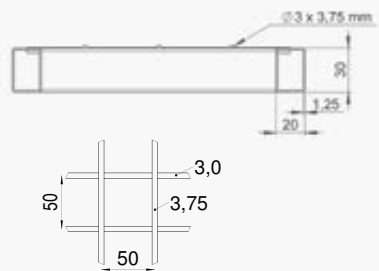
TROAX MEDIUM
FOR MEDIUM-RISK PROPERTY PROTECTION

TROAX MEDIUM

The Troax Medium Panel is a stronger variant based on a welded tube construction of 30x20mm. The mesh consists of pressure welded wire gauges of 3x3.75mm, with the mesh equivalent to 50x50mm.
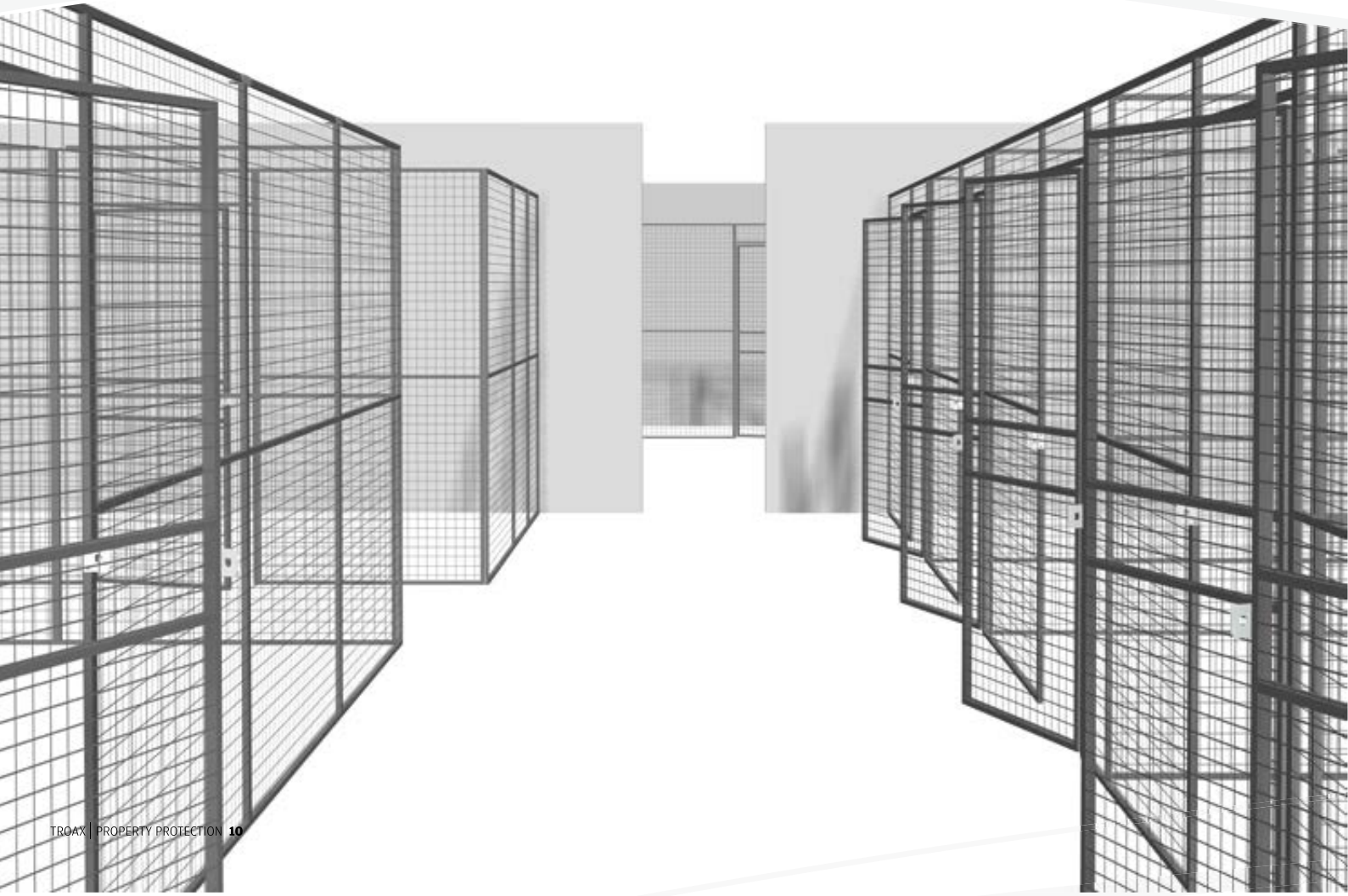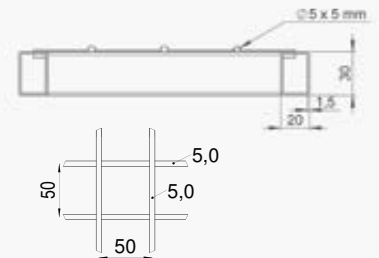
TROAX SAFE
FOR HIGH-RISK PROPERTY PROTECTION

TROAX SAFE

The Troax Safe Panel is our strongest variant based on a welded tube construction of 30x20mm. The mesh consists of pressure welded wire gauges, each 5mm, with the mesh equivalent to 50x50mm.

TROAX®

TROAX CLASSIC

FOR LOW-RISK PROPERTY PROTECTION

This is an excellent choice of mesh panel for areas which have good external protection and little risk of damage. It can also be used as a partition wall with our other systems to achieve an optimal solution. The mesh panels allow light and air to pass freely, and the ability to "see around the corner" gives a sense of security. It also provides the ability to quickly detect and extinguish any fires directly through the mesh panel. The threshold-less door system is based on the same leaf as Troax Medium.

Technical information

Panels (HxW) mm:	
Panel Classic	2200 x 200
Panel Classic	2200 x 300
Panel Classic	2200 x 500
Panel Classic	2200 x 700
Panel Classic	2200 x 800
Panel Classic	2200 x 1000
Panel Classic	2200 x 1200
Panel Classic	2200 x 1500

Door with padlock fittings (H:2200mm)
Door Classic P 750 H (opening H: 1860mm)
Door Classic P 750 V (opening H: 1860mm)
Door Classic P 900 H (opening H: 2000mm)
Door Classic P 900 V (opening H: 2000mm)

Component information	
Frame:	19 x 19 x 1,0 mm
Wire:	2,5 x 2,5 mm
Mesh:	50 x 50 mm
Surface treatment:	Powder coating, Grey RAL 7037

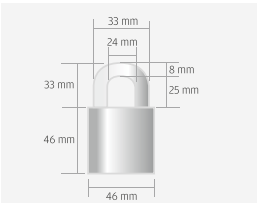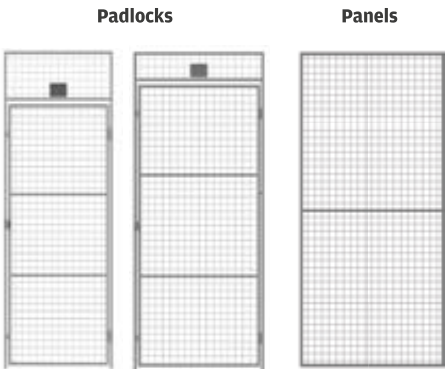Also available in a galvanised finish and RAL colours.

Strike plate
The Classic door is supplied for use with padlocks

Panel Classic
Forms the basis of the Classic system

Doors and panels

All doors have a height of 2200 mm

Padlocks

Panels

33 mm
24 mm
8 mm
33 mm
25 mm
46 mm
46 mm

Recommended padlocks

Threshold-less door systems.

Welded numbered plates as standard.

Flexible chipboard shelf with brackets.

Choose UR 350 when you need a mesh panel for areas where there is little risk of being broken into. This mesh panel can also be used as a partition wall together with our other systems.

TROAX MEDIUM

FOR MEDIUM-RISK PROPERTY PROTECTION

Used primarily in areas where you need good protection against uninvited guests. In combination with approved locks, the risk of break-in attempts is reduced. Using Troax accessories and innovative installation methods, the structure can be tailored to almost any location, be it large or small, with a low or high ceiling, or even sloping floors. The mesh panels allow light and air to pass freely, and the ability to "see around the corner" gives a sense of security. It also provides the ability to quickly detect and extinguish any fires directly through the mesh panel.

Panel
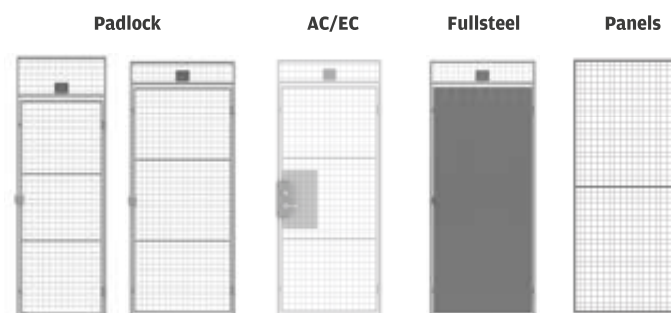Forms the basis of the Medium system

UR SP
For a fully-covered solution to protect your privacy

Flexible chipboard shelf
With brackets

Doors and panels

All doors have a height of 2200 mm

Padlock	AC/EC	Fullsteel	Panels

Locks

Padlock with cover
The Medium door is supplied with a strong strike plate protected by welded casing.

ASSA Cylinder lock
Strong lock casing for ASSA cylinder.

Securing plate for padlocks
UR SP metal door with a padlock plate.

EURO Cylinder lock
Strong lock casing for ASSA cylinder.

Technical information

Panels (HxW) mm:

Panel Medium	2200 x 200
Panel Medium	2200 x 300
Panel Medium	2200 x 500
Panel Medium	2200 x 700
Panel Medium	2200 x 800
Panel Medium	2200 x 1000
Panel Medium	2200 x 1200
Panel Medium	2200 x 1500

Door with padlock fittings (H:2200mm)

Door Medium P 750 H (opening H: 1860mm)
Door Medium P 750 V (opening H: 1860mm)
Door Medium P 900 H (opening H: 2000mm)
Door Medium P 900 V (opening H: 2000mm)

Door ready for EURO cylinder (H:2200mm)

Door Medium EC 900 H (opening H: 2000mm)
Door Medium EC 900 V (opening H: 2000mm)

Door ready for ASSA cylinder (H:2200mm)

Door Medium AC 900 H (opening H: 2000mm)
Door Medium AC 900 V (opening H: 2000mm)

Component information

Frame:	30 x 20 x 1,25 mm,
Wire:	3,0 x 3,75 mm
Mesh:	50 x 50 mm
Surface treatment:	Powder coating, Grey RAL 7037

Also available in a galvanised finish and RAL colours.

TROAX®

TROAX SAFE

FOR HIGH-RISK PROPERTY PROTECTION

The safety needs of our customers are always a central aspect in the development of Troax products, and the further development of Troax Safe UX550 has now resulted in two alternative solutions, UX500 and UX550. Both installation systems hold individually issued certificates from a Swedish fire and safety certification body (Svensk Brand- och Säkerhets Certifiering AB, SBSC), having passed tests and been approved in accordance with the SSF 1990-06-30/B standard issued by the Swedish Theft Prevention Association (Svenska stöldskyddsföreningen SSF). The products are designed for use in areas that are particularly prone to attempted forced entry. Examples of such areas include apartment storerooms, cycle storerooms, buggy storerooms and partitioning. The mesh panels allow light and air to pass freely, and the ability to "see around the corner" offers a sense of security. It also provides the ability to quickly detect and extinguish any fires directly through the mesh panel.

Troax Safe UX500

Our new certified system is based on a new door model designated Troax Safe UX 500. The front wall is comprised of our strongest panel, UX550. The installation method and panel joints are more like those used for our Troax Medium, utilising our unique floor support that enables a threshold-less door opening and a more cost-effective installation. The door is available with a padlock.

NEW PRODUCT

Floor support
The unique floor support design enables height adjustment for uneven floors.

Screws & fittings
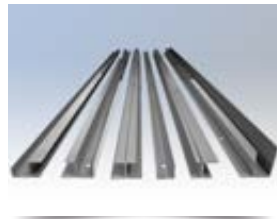Our screws and fittings enable rapid and secure installation.

Certification
Troax Safe UX500 anti-theft storeroom installations

Troax Safe UX550

Our well-renowned Troax Safe UX550 is the market's strongest alternative, offering a system that includes smart accessories for the most theft-prone environments. The uniquely designed sections for panel joints provide the system with superior strength. The door is available with a padlock or a cylinder lock.

Profile system
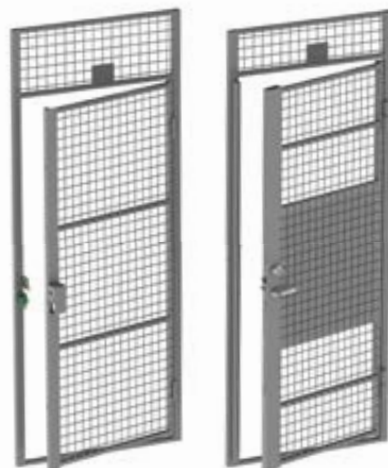To secure the installation, there are several strong profile options.

Secure installation
Using the profile system, all joints are secured in case of a break-in attempt.

Certification
Troax Safe UX550 anti-theft storeroom installations.

Technical information

Panels	(HxW) mm:
Panel UX 550	2200 x 200
Panel UX 550	2200 x 300
Panel UX 550	2200 x 700
Panel UX 550	2200 x 800
Panel UX 550	2200 x 1000
Panel UX 550	2200 x 1200
Panel UX 550	2200 x 1500

Door Troax Safe UX 500	
Door UX 500, P 900	2200 x 900
Opening size	1860 x 860

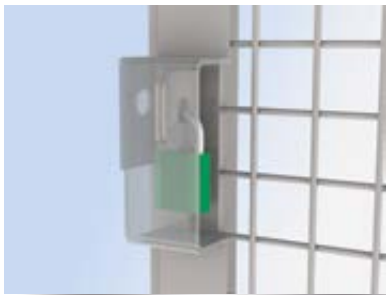| Door Troax SafeUX 550	
Door UX 550, P 900	2200 x 900
Opening size	1860 x 820
Door UX 550, EC 900	2200 x 900
Opening size	2000 x 810
Door UX 550, AC 900	2200 x 900
Opening size	2000 x 810

Component information UX550	
Frame:	30 x 20 x 1,5 mm,
Wire:	5,0 x 5,0 mm
Mesh:	50 x 50 mm
Surface treatment:	powder coating, Grey RAL 7037

Also available in a galvanised finish and RAL colours

Panel
The systems are based on UX550, but can be combined with UX450, UR350.

Padlock with cover
Door Troax Safe UX500 and UX550 use the same sturdy casing to protect the padlock.

Troax Safe UX500
Our latest SBSC-certified product, a more cost-effective solution for demanding environments.
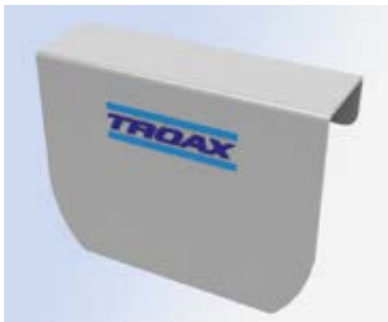
Smart accessories to complement your storeroom installation

Troax' popular storage systems provide tenants with the high level of protection and security they expect. Once you've found the door that best fulfils your needs, we're also able to offer you a wide range of smart and unique accessories. Contact us for more information. See more at **www.troax.com**

Door closer
Ensure that the door always closes behind you for greater peace of mind.

Number plate
An optional extra that attaches to the door leaf if it is of a custom height.

Quiet closing
Rubber noise-damping doorstop to minimise noise when closing.

Storeroom numbering
We can supply optional numbering for all doors.

Rubber noise-damping ceiling mount
Minimises noise propagation up into the building.

Door reinforcement kit
Enables you to cut a door leaf to size in place with retained frame strength.

What are the advantages of using a market-leading supplier?

While we're talking about security and functions, you're thinking about schedules and costs. But you can rest assured that business with Troax is based on the prerequisites of your construction project: You'll receive delivery at the agreed time. You can quickly complement your order if construction plans change. And when the storerooms are renovated many years down the line, you can combine old and new Troax systems. This provides you with unsurpassed service life and low life cycle costs. Service based on your needs has made us the market leader in apartment storage facilities. And you can trust us to keep on delivering that same service.

Six reasons to order a Troax turnkey installation.

- ❯ **Full responsibility with project management from quotation to final installation.**
- ❯ **Quotation based on your floor plan prepared using our quotation tool Configura.**
- ❯ **Ability to check the installation in 3D format even at the quotation stage.**
- ❯ **Fast and reliable deliveries from the world's largest stock of mesh panels.**
- ❯ **Troax installers ensure rapid and correct installation.**
- ❯ **Quality Assured – regular tests ensure Troax' renowned high quality.**

Protecting People, Property & Processes

Austria	Belgium	Brazil	Canada	China	Croatia	Czech	Denmark	Finland	France	Germany

India	Ireland	Italy	Korea	Japan	Mexico	Netherlands	Norway	Polska	Portugal	Russia

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Int. Head Office: Troax AB P.O. Box 89 SE-330 33 Hillerstorp Sweden
Phone +46 (0)370 828 00 Fax +46 (0)370 824 86 info@troax.com www.troax.com