Premium Quality
Guaranteed By Axelent

X-Tray® **X-Rack**

Telecom & Data

AXELENT

Made in Sweden.
Works global.

Axelent Group has grown into an international group with a total workforce of over 200 persons. Our products are sold in 50 countries and our vision is to continue to expand.

Axelent Team X-Tray develops, manufactures and markets a complete cable routing system based on wire trays under the brand name of X-Tray. We have created a premium brand with regard to ultimate design, functionality, materials and service. Customer collaboration is another key aspect. We appreciate customers with high demands because it enables us to continue developing tailored solutions. Our close proximity to our design and production teams and, not least, a passion for innovative and smart solutions, means we can quickly move from concept to finished product.

Our products are sold all over the world and are mostly found in the energy, infrastructure, food, machinery, off shore and telecom & data industries.

Premium brands for your safety

There is an ever-growing need for telecom and data solutions. Axelent's X-Rack (installation), X-Tray (cable routing system) and X-Guard (partitions and safety) ranges offer complete solutions for these sectors.

Efficient production processes

Axelent's head office is in Hillerstorp, Sweden. All product development, production, storage and packaging is carried out here. Our production is highly automated to manage high volumes and speedy deliveries.

As all our standard products are in stock, we can usually ship your order the same day as we get it.

A safe choice

Axelent has unparalleled knowledge and experience of safety solutions for industry, storage and construction. Please consult us for the ultimate safe and secure environment.

Instant quote

We will give you a quote, a drawing and deliver on the same day. If you are looking for a special solution we will tailor the product to your needs.

1

2

X-Rack takes you that extra mile.

X-Rack is a complete solution. The system organises, facilitates and protects equipment in all types of environments.

1 Axelent's X-Rack and X-Tray systems are ideal for installing in technical shelters.

2 An X-Rack installation in a technical shelter.

3 The flexible X-Rack system offers a range of possibilities.

4 Cable ducts mounted on X-Rack give neat and efficient cable runs.

5 Complete installation in a server room with Axelent X-Tray.
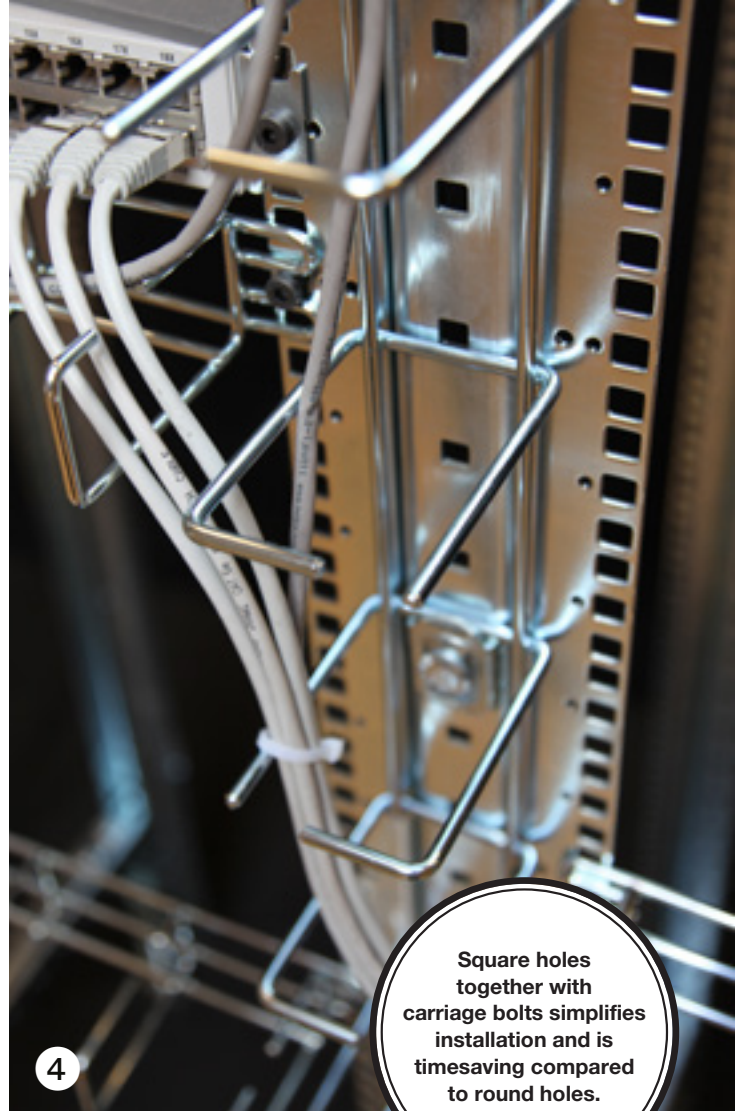
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3

4

X-Rack – one of the strongest and most flexible open rack systems on the market.

With the help of Axelent's U-Bars and a few accessories you can build a data rack tailored to your needs. You can design it for the equipment to be fixed on the front edge, the middle or both front and back edge. The depth and height of the rack is determined by the length of the U-Bars. X-Rack comes in several standard sizes, but can also be cut or ordered to the required size.

All the parts are ordered separately, making it easier to adapt to your needs and quick and easy to transport and assemble in just a few minutes. Preassembled

racks are also available on request. Customer-specific product kits can also be made to simplify future ordering and installation.

One advantage with this is that the wire trays can be fitted directly on X-Rack without the need for brackets and pendants.

We also have accessories like radius limiters and cable trays that allow cables to be installed neatly, safely and easily.

X-Rack – far superior than any IT cabinet. Here are the reasons.

Add to it, remove things, customise.

- Lower cost price
- Better accessibility
- Easier to cool
- Lower maintenance costs
- Variable height and depth
- Requires less space
- Easier to transport
- Easier to modify
- Cable runs can be integrated with X-Rack and installed in several easy ways

Examples of X-Rack kits

Unassembled rack with cable duct, Fzb:

Small cable duct
2000x600 mm   Item No. 7100-200
2200x600 mm   Item No. 7100-201

Large cable duct
2000x600 mm   Item No. 7100-204
2200x600 mm   Item No. 7100-205

Battery rack with cable duct Fzb:
Small cable duct
2000x600 mm   Item No. 7100-202

Large cable duct
2000x600 mm   Item No. 7100-206

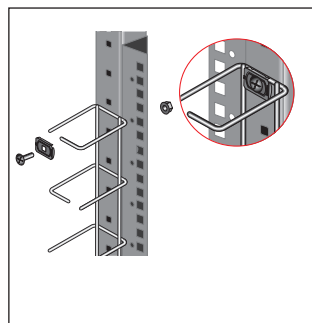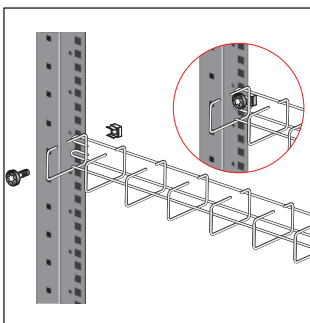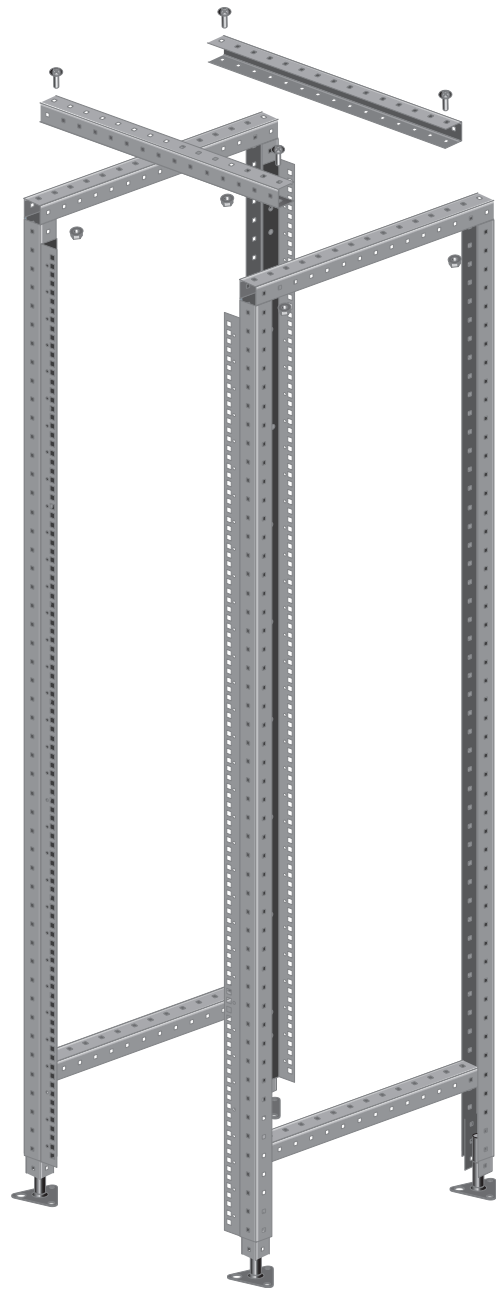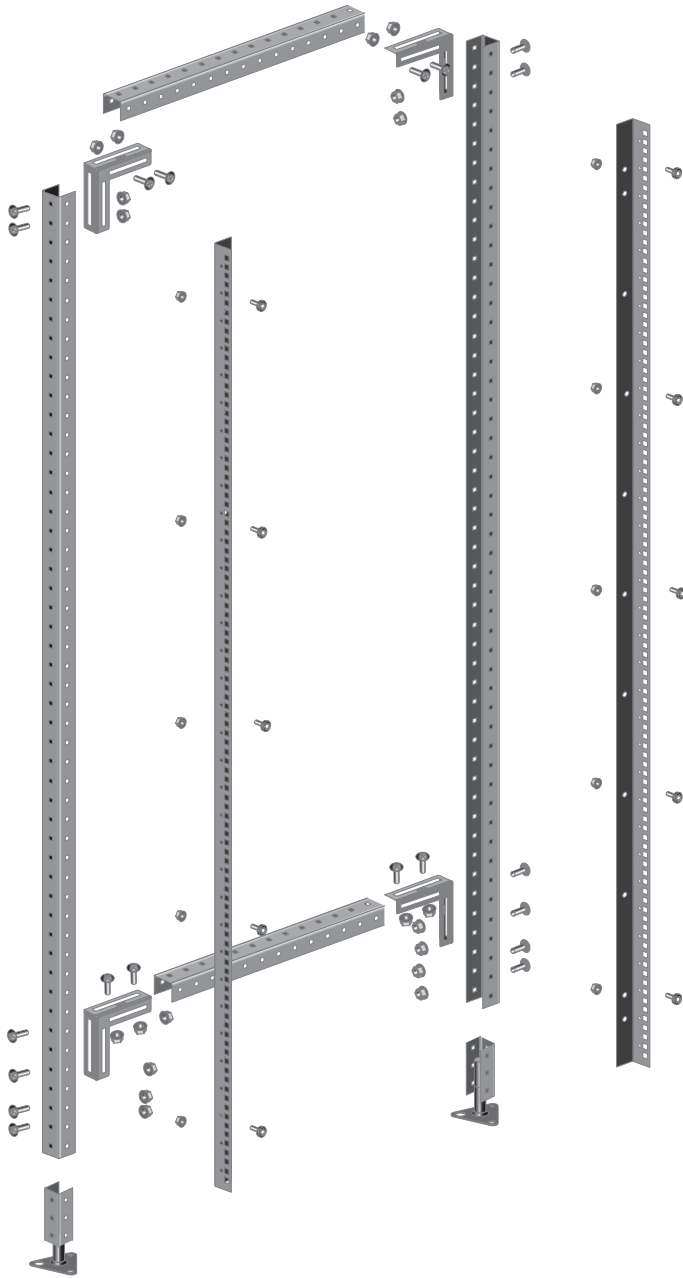## We will supply preassembled rack sides on request.

Preassembled rack sides, Fzb:

2000x600 mm   Item No. 7100-210
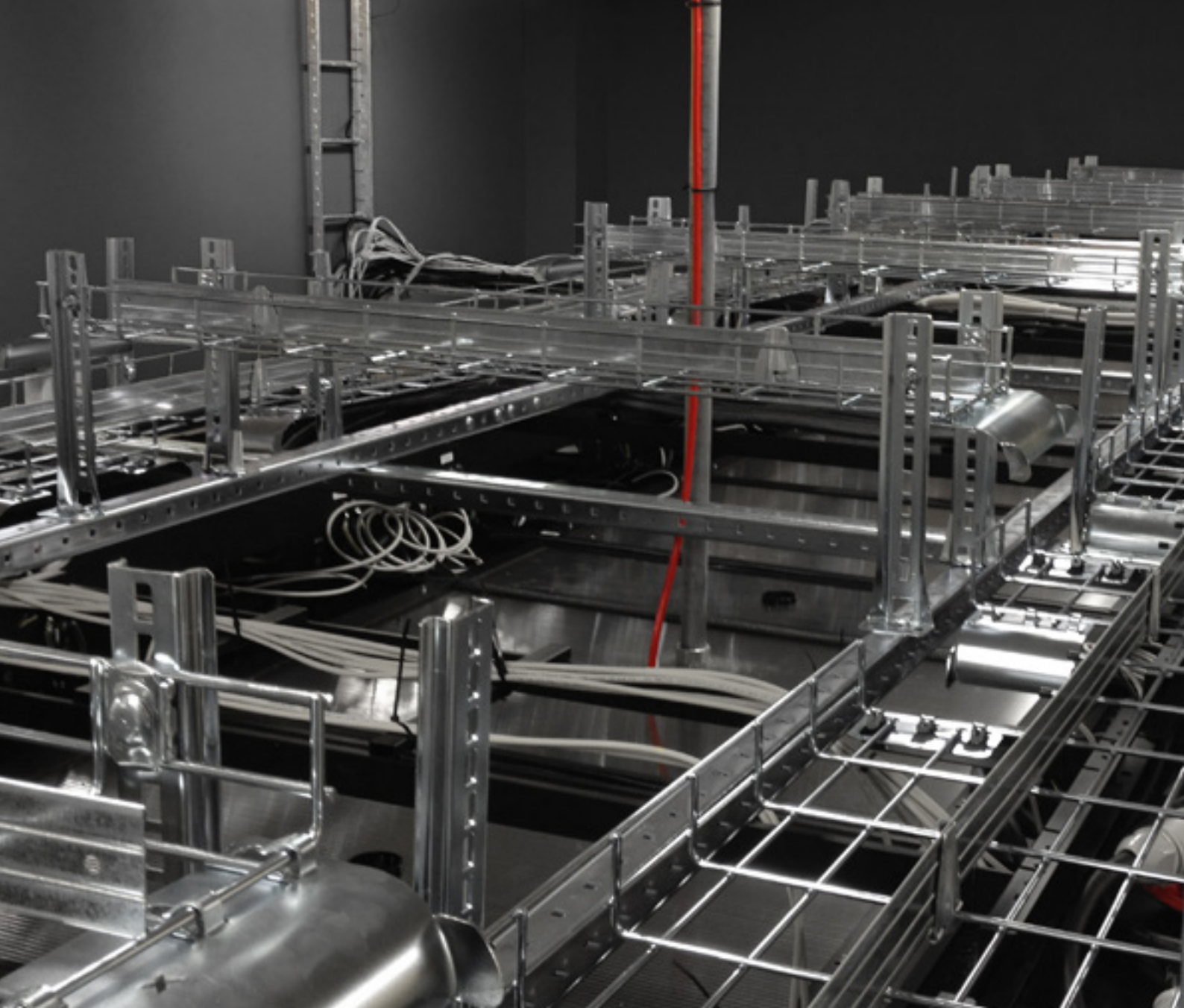2200x600 mm   Item No. 7100-211

Why not customise your own kit? Ask us how.

ASSEMBLY INSTRUCTIONS

X-Rack

Contact us
for more
information.

X-Tray – from small technical shelters to large server rooms.

Axelent has the products that function in all types of telecom and data installations. We help you from project start to final installation. This includes everything from drawings, tailored products and special kit with solutions to match your needs (such as cut wire trays and tailored lengths). We also offer preassembly of certain products to further simplify onsite installation. For extra safety and protection, we offer turnkey solutions with X-Guard (see page 14).

Premium Quality
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X-Tray has the longest support distance on the market!

X-TRAY®

DNV·GL

E|90

UL®*

SP

*Our UL certification also gives us NEMA APPROVAL.

X-Tray complies with the highest demands on cable routing systems as laid down in IEC 61537.

Contact us for more information. We help you to find the right solution.

Example of a tailored product kit

X61 Carriage Bolt M8
25 pcs

X62 Flange Nut M8
25 pcs

X1 Fitting
16 pcs

X3 Angled Fitting
7 pcs

X5 Joining Fitting
4 pcs

X14 Pendant 280
6 pcs
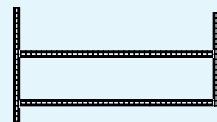
X17 Support Hook
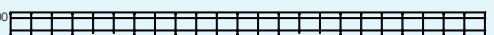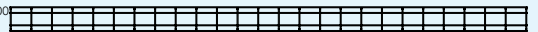6 pcs

X10 Mini Bracket
3 pcs

X15 Bracket
2 pcs

X-Tray 120x60x2500
1 pc

X-Tray 120x60x1200
2 pcs

X-Tray 120x60x2300
1 pc

X-Tray 220x60x1800
1 pc

X-RACK

X50 U-Bar	Length	Item No.
Zinc-Plated Fzb	400	2150-400
Zinc-Plated Fzb	520	2150-520
Zinc-Plated Fzb	600	2150-600
Zinc-Plated Fzb	720	2150-720
Zinc-Plated Fzb	800	2150-800
Zinc-Plated Fzb	920	2150-920
Zinc-Plated Fzb	1000	2150-1000
Zinc-Plated Fzb	1920	2150-1920
Zinc-Plated Fzb	2120	2150-2120
Zinc-Plated Fzb	2480	2150-2480
Zinc-Plated Fzb	3000	2150-3000
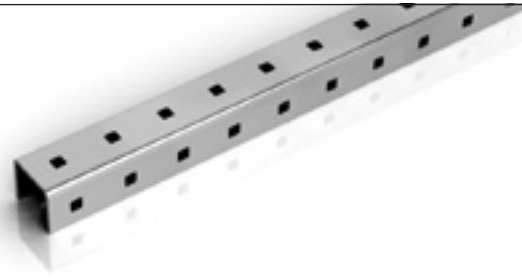
X51 U-Bar Joining Fitting
Zinc-Plated Fzb   2151

X52 U-Bar Corner Fitting
Zinc-Plated Fzb   2152

X53 U-Bar Adjustable Foot
Zinc-Plated Fzb   2153

X54 U-Bar End Cap
Black Plastic   2554

X55 U-Bar Angled Fitting
Zinc-Plated Fzb   2155

X60 Radius Limiter
Zinc-Plated Fzb	120	2160-120
	220	2160-220
	320	2160-320
	420	2160-420

Bending Plate
Aluminum	120	7500-021
	220	7500-022
	320	7500-023
	420	7500-024

X69 Side Radius Limiter
Zinc-Plated Fzb	106	2169-100
	206	2169-200

Mounting Profile 1876-42U incl. brackets
Zinc-Plated Fzb   1876   7100-050
Mounting Profile 2060-46U incl. brackets
Zinc-Plated Fzb   2060   7100-051
Mounting Profile 2238-50U incl. brackets
Zinc-Plated Fzb   2238   7100-058

Mounting Profile ETSI incl. brackets
Zinc-Plated Fzb   1876   7100-078
Mounting Profile ETSI incl. brackets
Zinc-Plated Fzb   2060   7100-079
Adapter ETSI to 19"
Zinc-Plated Fzb   936   7100-080

Cable Duct incl. brackets
Small
Zinc-Plated Fzb   95x65x800   7100-052
Large
Zinc-Plated Fzb   120x80x800   7100-250

Cable Duct 19" Horizontal incl. brackets
Zinc-Plated Fzb   7100-054

X-Rack Floor plate
Zinc-Plated Fzb	312x560	7100-220
Black Galvanized	312x560	7700-220

Wall Bracket Sandwich Panel
Zinc-Plated Fzb	330	7100-088
	660	7100-089

X-Rack Shelf
Zinc-Plated Fzb	600x560	7100-221
Black Galvanized	600x560	7700-221

Cage Nut M6
Zinc-Plated Fzb   7100-055

Torx Screw M6x12
Zinc-Plated Fzb   7100-057

X61 Carriage Bolt M8x27 (40 pcs)
Zinc-Plated Fzb   2161

Flange nut M6
Zinc-Plated Fzb   7100-056

X62 Flange Nut M8 (40 pcs)
Zinc-Plated Fzb   2162

U	U	C	G	Mini

Height 60 mm
Length 2500 mm
Item No.

X-Tray 53x46x2500
Zinc-Plated Fzb
0199-053

X-Tray 60x60x2500
Zinc-Plated Fzb
0101

X-Tray 75x60x4x2500
Zinc-Plated Fzb
0199-0754

X-Tray 75x60x5x2500
Zinc-Plated Fzb
0199-0755

X-Tray 120x60x2500
Zinc-Plated Fzb
0111

X-Tray 220x60x2500
Zinc-Plated Fzb
0121

X-Tray 320x60x2500
Zinc-Plated Fzb
0131

X-Tray 420x60x2500
Zinc-Plated Fzb
0141

X-Tray 520x60x2500
Zinc-Plated Fzb
0151

X-Tray 620x60x2500
Zinc-Plated Fzb
0161

Height 110 mm
Length 2500 mm
Item No.

X-Tray 120x110x2500
Zinc-Plated Fzb
0112

X-Tray 220x110x2500
Zinc-Plated Fzb
0122

X-Tray 320x110x2500
Zinc-Plated Fzb
0132

X-Tray 420x110x2500
Zinc-Plated Fzb
0142

X-Tray 520x110x2500
Zinc-Plated Fzb
0152

X-Tray 620x110x2500
Zinc-Plated Fzb
0162

Length 2500 mm

Item No.

X-Tray C70x68x2500
Zinc-Plated Fzb
1110

X-Tray C120x80x2500
Zinc-Plated Fzb
1111

X-Tray C220x120x2500
Zinc-Plated Fzb
1112

Length 2500 mm

Item No.

X-Tray G60x100x2500
Zinc-Plated Fzb
1121

X-Tray G120x150x2500
Zinc-Plated Fzb
1122

Plan

Length 2500 mm

Item No.

X-Tray Plan 161x4x2500
Zinc-Plated Fzb
4199-010

Length 2500 mm

Item No.

X-Tray Mini 30x22x2500
Zinc-Plated Fzb
1152

X-Tray Mini 40x22x2500
Zinc-Plated Fzb
1153

X-Tray Mini 40x32x2500
Zinc-Plated Fzb
1154

X-Tray Mini Accessories
Self drilling screw
Zinc-Plated Fzb
7100-070

Psst...

You will find the complete range, more technical specs and designs, such as colours and surface treatments, at **www.axelent.com** and in the **"Technical Manual".**

Many of the items are available in a black finish.
Go to axelent.se or give us a call on **+46 370-37 37 30**. We are at your service.

ACCESSORIES

Fittings

X1 Fitting
Zinc-Plated Fzb

Item No.
2101

X2 Fitting
Zinc-Plated Fzb

Item No.
2102

X3 Angled Fitting
Zinc-Plated Fzb

Item No.
2103

X4 Fitting
Zinc-Plated Fzb

Item No.
2104

X5 Joining Fitting
Zinc/Nickel
20 pcs

Item No.
2105

X61 Bolt M8x27
Zinc-Plated Fzb
40 pcs

Item No.
2161

X62 Flange Nut M8
Zinc-Plated Fzb, 40 pcs

2162

Mounting

X10 Bracket
Zinc-Plated Fzb

Item No.
2110-1

X10 Mini Bracket
Zinc-Plated Fzb

Item No.
2110-2

X11 Pendant Heavy
Zinc-Plated Fzb

Item No.	
2111-240	L = 240
2111-480	L = 480

X12 Flexible Pendant
Zinc-Plated Fzb

Item No.	
2112-240	L = 240
2112-480	L = 480

X13 Side Support, L = 1000
Zinc-Plated Fzb

Item No.
2113

X14 Pendant
Zinc-Plated Fzb

Item No.	
2114-100	L = 100
2114-280	L = 280
2114-460	L = 460
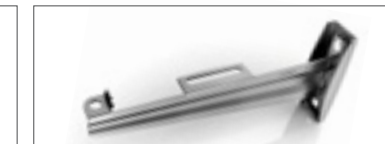
X15 Bracket
Zinc-Plated Fzb

Item No.	
2115-12	W = 120
2115-220	W = 220
2115-320	W = 320
2115-420	W = 420
2115-520	W = 520
2115-620	W = 620

X16 Floor Support
Zinc-Plated Fzb

Item No.
2116

X17 Support Hook 120-320
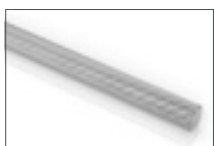Zinc-Plated Fzb

Item No.
2117

X18 Support Hook 420-620
Zinc-Plated Fzb

Item No.
2118

Threaded Rod

X30 Threaded
Rod M8, L = 1000
Zinc-Plated Fzb

Item No.
2130

X31 TR Support Hook,
Zinc-Plated Fzb

Item No.
2131

X33 TR Adapter
Zinc-Plated Fzb

Item No.
2133

X34 Ceiling Fitting
Sendzimir

Item No.
2234

X35 TR Distance Nut
Zinc-Plated Fzb
10 pcs

Item No.
2135

X36 TR Beam Clamp
Zinc/Nickel

Item No.
2236

The accessories are design protected.
Subject to change without prior notice.

Accessories

X63 Accessories Holder
Zinc-Plated Fzb

Item No.	
2163-1	With holes
2163-2	Without holes

X80 Side Accessories Holder
Zinc-Plated Fzb

Item No.	
2180-1	With holes
2180-2	Without holes

X64 L-Divider
Sendzimir
L = 2500

Item No.	
2264-45	W = 45
2264-95	W = 95

X65 Tray Cover
Sendzimir
L = 1000

Item No.	
2265-60	W = 60
2265-75	W = 75
2265-120	W = 120
2265-220	W = 220
2265-320	W = 320
2265-420	W = 420
2265-520	W = 520
2265-620	W = 620

X66 Divider
Sendzimir
L = 2500

Item No.	
2266-45	H = 45
2266-95	H = 95

X67 Divider Clamp
Sendzimir

Item No.
2267

X68 Equipotential Bonding
Screw A
Brass

Item No.
2568

X68 Equipotential Bonding Screw B
Brass

Item No.
2568-1

X70 Marking Clip

Item No.	
2570-01	Neutral
2570-03	Eq. Bond

X72 Safety Cap
15,6 mm, Ø 4-6 mm
Plastic, 100 pcs

Item No.	
2572-4	4 mm
2572-5	5 mm
2572-6	6 mm

Tools

X75 Bolt Cutter

Item No.
2575

X76 13 mm Spanner

Item No.
2576

X77 Cable Tray Cutter
Battery Powered

Item No.
2577

ALL INCLUSIVE
AXELENT
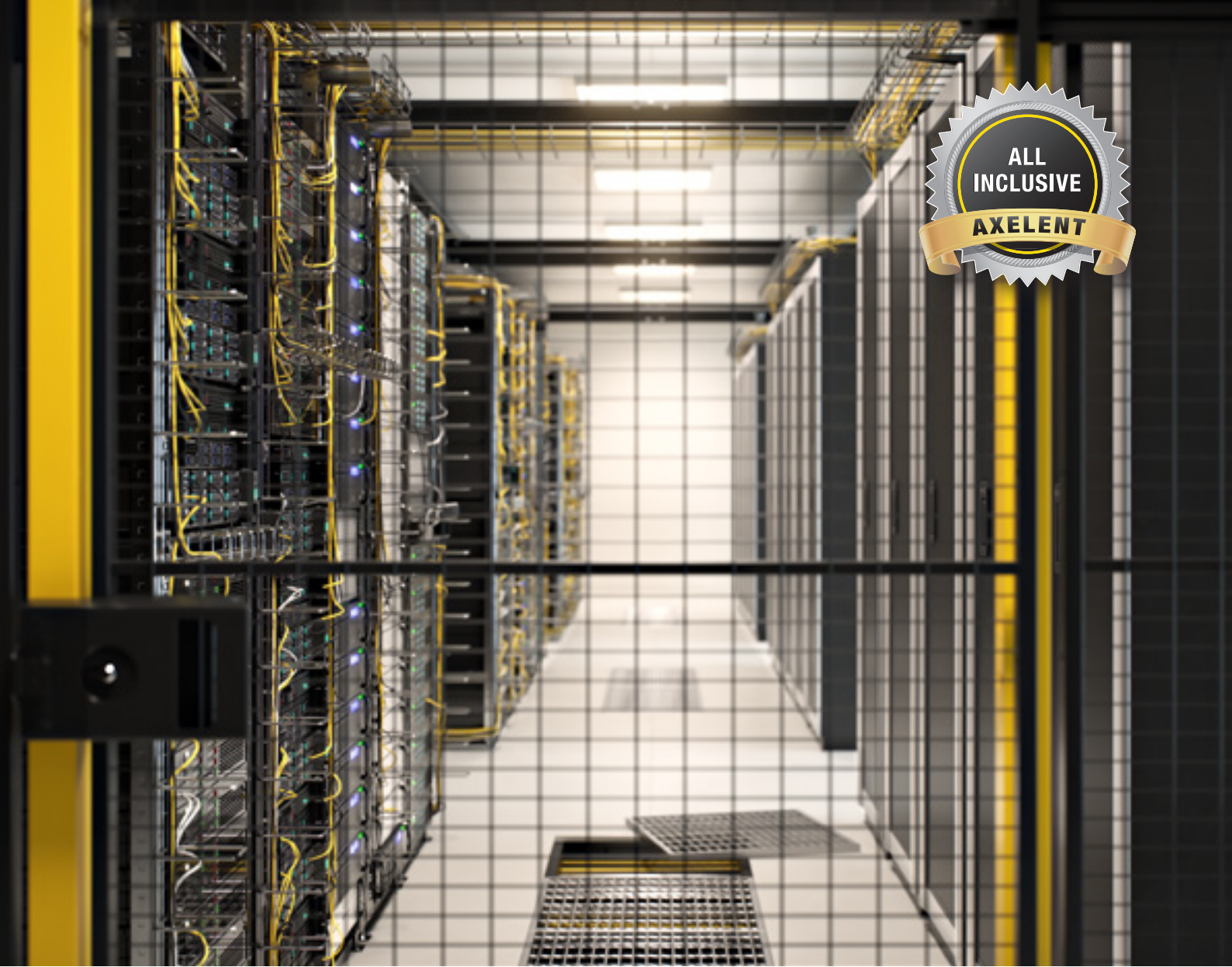
X-Guard helps you to protect your valuable equipment.

Axelent's X-Guard is a complete machine guard series that complies with the Machine Directive's (2006/42/EC) requirement for permanent protection.
With its wide range of standard components and accessories, X-Guard is guaranteed to cover all your machine guard needs.

X-Tray wire trays integrate easily with Axelent's X-Guard machine guards. All the wire trays for X-Guard are black galvanized to give a stylish and integrated look. The product is durable and quick and easy to install, and, like X-Guard, only needs a few tools and fittings.

Easy to combine for optimum safety

X-Guard machine guards are easy to combine with X-Tray wire trays and give a neat and secure installation.
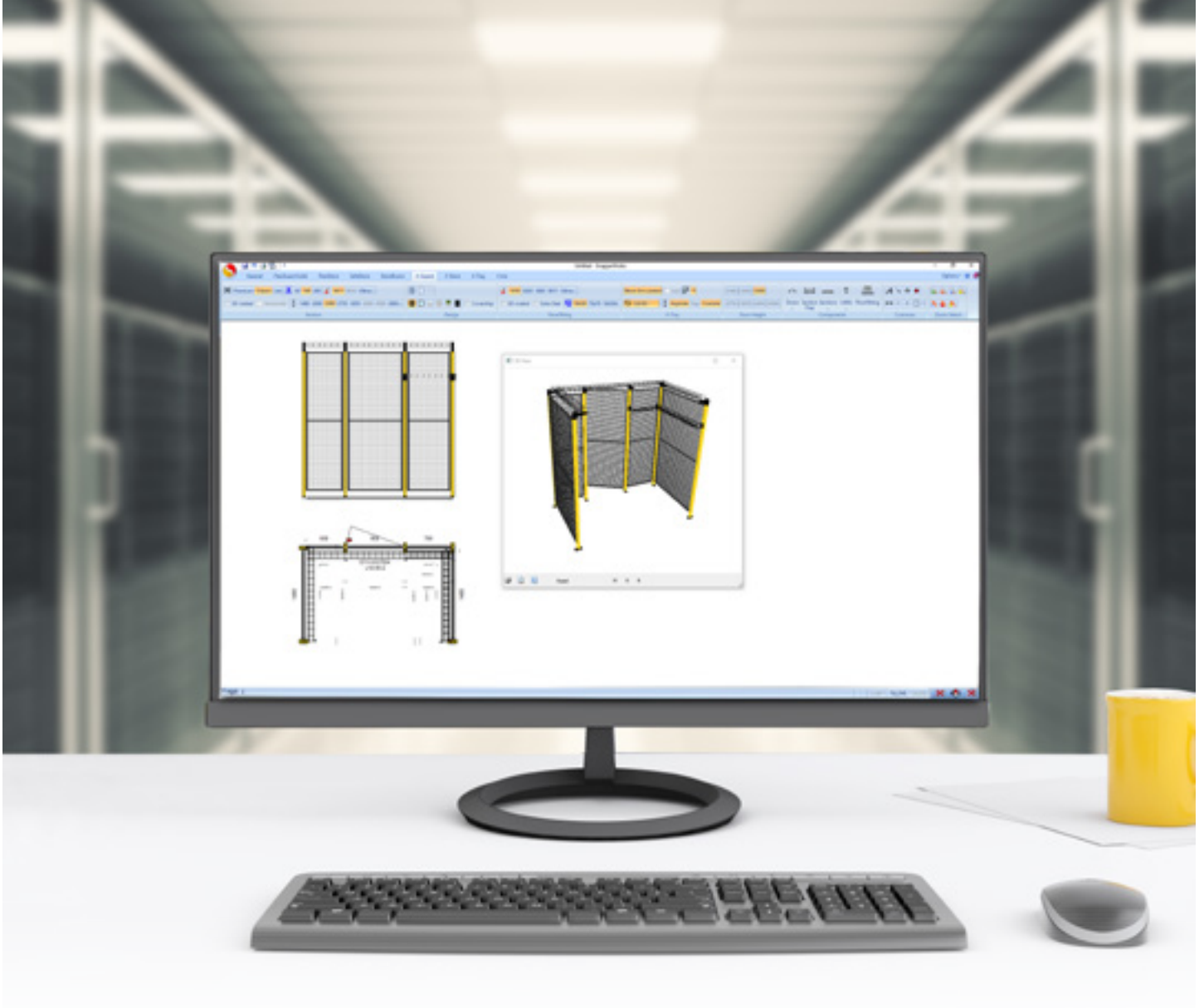
No special tools are required

The combination is easy to assemble without the need for any special tools.

One supplier

Complete solutions from the same supplier makes it quick and easy to complete your project.

Find out more at www.axelent.com

Axelent, a turnkey concept.

Axelent offers more than just wire trays and mesh panels. Our concept is built around a turnkey solution of more than one product. We do our utmost to give our customers the best possible service.

We always strive to live up to your expectations with regard to products and services. Our motto is Axelent Quality – Service, Safety, Speed, Spirit, Know-how.

SnapperWorks CAD program

Axelent's inhouse developed, user-friendly CAD program, SnapperWorks, is tailored to Axelent's modules and contains all our systems for mesh walls, machine guards and wire trays (X-Tray for X-Guard). You can import DWG and DXF files and you can draw walls straight on to the drawing.

We guarantee and deliver!

✓ We answer when you call

✓ We stock standard products.

✓ Speedy deliveries

AXELENT · AXELENT ENGINEERING · AXELENT SOFTWARE

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