SUPERINOX

PATENTED MODULAR STAINLESS STEEL SHELVING





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THE COMPANY







METALSISTEM was founded in 1968 and commenced its activities specialising in the design and manufacture of roll forming lines. The experience gathered, and a strong belief in research and development generated numerous innovative patents, the success of which, ultimately led to the evolution of production capacities and METALSISTEM's first range of zinc coated products.

Today the METALSISTEM Group is an articulated network of companies with its head quarter and main production facilities in Rovereto, Italy. The Group has consolidated its position as a leading company within the Storage and Material Handling Sector

A comprehensive range of dedicated quality products and professional services have been developed to satisfy demands for warehouse optimisation, product display and sales outlet requirements. The competitive pricing and reliability of product delivery times merged with an excellent backup service enable the companies of the METALSISTEM Group to offer their customers cost effective solutions that maximise efficiency of their storage areas, organise the flow of their products within material handling environments, and provide innovative solutions for attractive and functional sales areas to ensure customers have the best shopping experience possible. The use of only certified, prime quality, high tensile steels integrate superior structural performance with lightweight sections of modular design, thus enabling seamless integrations of existing installations. These are but a few of the successful features of the METALSISTEM storage and shelving systems.

The success of the METALSISTEM GROUP is the result of a precise entrepreneurial philosophy and choice based on research and development. The promotion and evolution of new production technologies go hand in hand with the continuous development and innovation of the product range.

This direction has produced numerous international patents, testament to the uniqueness of the METAL-SISTEM product.

METALSISTEM adopts a strategy offering very competitively priced, high quality products and rapid delivery times backed up by first class service.

The wide range of standard products, as well as the advanced automated tooling required for their production, have been designed and developed by METALSISTEM's own Research and Development Centre. The high levels of automation adopted in the profiling lines have enabled METALSISTEM to achieve one of the highest levels of productivity in the world, today. Rigorous laboratory tests are conducted on the prime material entering production, as well as on the end product, thus ensuring the continuing maintenance of efficiency and quality standards.

All products have elevated structural characteristics and ensure high quality standards which have been recognised by the most important European certification bodies. These include Germany's TÜV Product Service GmBH, Austria's Ö-NORM, Italy's I.S.P.E.S.L., ACAI/CISI (Associazione Costruttori Acciaio Italiani, Sezione Costruttori Italiani di Scaffalatura Industriale), the latter of which METALSISTEM has membership, and others. The company's ISO 9001 Quality Assurance System is certified by IGO

The METALSISTEM GROUP has an annual turnover that exceeds 260 million Euro, with facilities that cover an area of 230,000m², 125,000m² of which are dedicated to production. The METALSISTEM GROUP sales affiliates, distributed throughout the world, are able to satisfy any local need.

The high level of trust given to the METALSISTEM Group by customers throughout the world can be considered proof of the quality and reliability of our products.



STANDARD SPECIFICATIONS

General Standard Rules:

The correct use of the product distinguishes both the Customer and the Manufacturer. METALSISTEM recommends that customers strictly follow its code of practice for the design and utilisation of its products. The design and assembly of the product must be carried out by expert and qualified personnel. METALSISTEM declines any responsibility for improper use of its storage systems and accessories.

Floor Slab Loading

Prior to the installation of the product, the floor slab must be checked to ensure that it is of adequate load capacity.

Site Installation & Assembly

The assembly and site installation of racking systems must be carried out by expert personnel, in full conformity with the assembly criteria and specifications contained in the SUPERINOX Technical Manual <Doc. MT10> and the relevant Assembly Instructions <Doc. ISTM-031>.

Rack Alignment

The shelving system must be assembled square. During assembly, the verticality of the frames must be checked for both the depth and length direction. The frame alignment tolerance cannot exceed H/350 or ±10mm whichever is the larger value (where H is the height of the upright expressed in mm). Refer to the <MUM03> Operating and Maintenance Manual for Light Duty Shelving, for a more detailed description of assembly tolerances.

Load bearing capacity plate

The load bearing capacity plate must be fixed in clearly visible locations and must indicate the product series, year of manufacture, frame and shelf load bearing capacity (expressed as a uniformly distributed load), the load unit and the height of the first loading level from ground. One plaque must be fixed for each single shelf or load configuration.



Shelving Safety Standards

Shelving cannot exceed the following parameters:

- · 3 meter maximum frame height;
- The ratio between the frame depth and height cannot exceed 1:5 for single entry shelving;
- · Maximum height between levels of 900mm.

The frame depth to height ratio can exceed 1:5

only at the condition that the frame is safely connected to a wall of adequate dimension and load bearing capacity or an equivalent structure. It is prohibited to connect shelving to walls within seismic areas. The SUPERINOX shelving must be accessorised with appropriate safety apparel if assembled in areas exposed to material handling devices.

Loading Modalities

The SUPERINOX shelving series is designed for hand picking operations only; loading operations by lift trucks, pallet jacks and alike have not been considered and are strictly prohibited. METAL-SISTEM declines any responsibility for improper, inappropriate or non authorised uses of the shelving system and its accessories.

Reference Standards

The structural calculation reference standards are:
• ACAI-CISI text 15/06/2004: "Technical Standards for light gauge shelving";

- ACAI-CISI text 26/02/2004: "Certification Standards";
- C.N.R.- UNI 10011/97: "Structural steel construction: instructions for calculation, execution, testing and maintenance";
- C.N.R. 10022/88: "Cold rolled profiles: instructions for application in construction";
- References to EUROCODICE 3 using calculation coefficients of the F.E.M. recommendations:
- References to EUROCODICE 1 parts 1 and 3 using calculation coefficients of the F.E.M. 10.2.06 ("The design of hand loaded static steel shelving system") recommendations.

Material reference standards:

- UNI EN 1088-2: "stainless steel technical specifications for the supply of sheets and coils for general applications";
- UNI EN 10204: 3.1 certificate for high tensile steels.

Software Reference - Structural calculations

The finite element structural calculations have been conducted with the ANSYS and CMP IT-RACKS software.

Frame Load Bearing Capacities

The frame load bearing capacities have been calculated considering two standard bay configurations; one with a shelf at floor level and a second with the height of the first shelf taken as the level between ensuing loading levels. The frame load bearing capacity was then calculated as a function of the height between loading levels. For bays with a maximum height of 3 meters, a minimum of 2 loading levels and a maximum height between levels of 900mm, METALSISTEM's unique patented connection system stabilizes the shelving system without the need of additional bracing components. (Bracing components are available on request for special applications).

Shelf Load Bearing Capacities

The shelf load bearing capacities have been calculated with the following assumptions:

- The loads are uniformly distributed;
- · Admissible tensile stress of the material;
- Deflection of 1/200 of the beam or secondary beam length.

Non Standard - Custom Built Applications

Customised solutions and/or non standard components MUST BE EXAMINED BY THE METAL-SISTEM TECHNICAL OFFICE following a written request indicating all loading information as well as the environment into which the shelving shall be erected and the installation's intended use.

Application and Environment of the Installation

The indicated load bearing capacities and the materials used for the manufacture of the product assume that the shelving will be placed in a mild environment and will be regularly cleaned. The application of this product in unsuitable environments will void the guarantee of the surface finish. For indications on the regular maintenance and appropriate use of the shelving, please refer to the MUM03 "Light gauge operating and maintenance manual".

Quality Control

The steel entering production is subjected to ongoing testing executed by METALSISTEM's internal quality control body. The tests confirm the mechanical properties (elongation, yield strength, rupture point), dimensional characteristics (steel gauge and width) surface finish (absence of defects, uniformity & resistance of the coating). METALSISTEM has its own internal testing facilities able to conduct tensile testing (approx. 1000 tests conducted per year) and SIT (Servizio di Taratura in Italian) certified dimensional tests. Saline mist, scratch resistance and other tests are conducted by external facilities.

Testing of finished products is conducted by both the internal METALSISTEM Quality Control Office and externally by product certifying bodies such as the German TUV Product Service. The system certifying agency IGQ guarantees consistent product quality.

Metalsistem reserves the right to modify the technical characteristics of its products at any time it sees fit. Technical data, dimensions and characteristics given in this document are merely indicative.

Definitions and Acronyms:

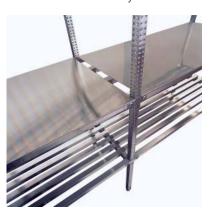
Bay

A shelving bay is the area between two frames divided by levels of shelves and accessories. A shelving bay is single sided if accessed from

only one face or double sided if accessed from both sides.

Shelving Row

2 or more interconnected bays.





The innovative SUPERINOX stainless steel shelving series provides a comprehensive answer to modern hygiene standards and corrosion resistance requirements for the food industry, as well as pharamaceutical and chemical sectors. This shelving system is suited for applications in refrigerated cells, industrial kitchens and food preparation industries as well as pharmaceutical laboratories. It is also highly suited for interior design and shopfitting purposes.

SUPERINOX is adaptable to any requirement or dimension. The system has been designed to hinder the formation of condensation or water stagnation and can be supplied with both smooth or slatted shelves.

The upright profiles are closed box sections with two rows of dimples present on all four faces of the upright, set at a constant pitch of 16.5 mm along its full height. The dimples are used to locate and connect frame spacer bars and beams.

Beams, secondary beams and spacer bars are smooth on all top faces, containing open drainage slits on the underside of the profiles, thus simplyfying cleaning procedures.

Numerous accessories are also available such as hooks, height adjustable stainless steel foot plates, food grade plastic top caps, reinforced beams for corner units, food grade white, perforated, polypropylene shelf panels, and many more.













- Extremely simple to assemble and with corner units perfectly adaptable to tight environments, the savvy SUPERINOX shelving system is able to squeeze the most out of any space.
- The variety of standard upright, spacer bar and beam lengths permit the creation
 of countless configurations.
- The shelf levels are height adjustable at a 16.5mm pitch
- The frames have load bearing capacities ranging up to 2500 daN and uniformly distributed shelf load capacities of up to 300 daN.















THE PRODUCT

The SUPERINOX shelving series has been conceived as a response to food, hotel and catering industry demands. The product that ensued, in addition to taking full advantage of the technical characteristics offered by stainless steel, resulted in a unique and attractively designed product offering alternative applications for varying environments and market sectors.

Thanks to the quality of the materials used for the manufacture and the versatility of the product, SUPERINOX has today evolved into a wide range of market sectors, to the satisfaction of the most demanding clientele:

- shelving for the food industry;
- display shelving, shopfitting and boutiques;
 exclusive furnishing concepts versatile solutions with innovative design for modern living;
- furnishing for public spaces such as hotels, wellness & fitness centres, change rooms and alike;
- creative applications thanks to the modular concept of the product series.

The safety and quality of the product have always been a primary aim of METALSISTEM and are recognised by TÜV PRODUCT SERVICE, Germany, one of the most rigorous European commissions in the field of quality and safety certification.













SHELVING AND FURNISHING FOR THE FOOD SECTOR

The food sector is the natural habitat for SU-PERINOX. This shelving system is suited to applications ranging from store rooms and food preparation areas to chemical laboratories, wherever stainless steel is required. The basic structures used for this sector are shelving, work benches, cupboards and furnishing items.

Frames

The frames are created by pairing two uprights connected by frame spacer bars and are accessorised with top caps and adjustable foot plates. The uprights, available in 2 gauges, are able to satisfy a variety of load bearing capacity demands.

The adjustable foot plates are available in stainless steel for demanding load bearing capacity applications or in polypropylene.

The shelf is fixed to the upright dimples at a pitch of 16.5mm. The uprights are available in standard heights of 850mm, 2000mm and 2500mm.

This catalogue considers the basic frame version with one frame spacer bar at ground level. The frame load bearing capacity is derived exclusively from a maximum height between levels of 400mm (including ground).

- 32/4 frame type providing a maximum load bearing capacity of 1400daN with 400mm maximum height between levels;
- 32/1 frame type providing a maximum load bearing capacity of 1100daN with 400mm maximum height between levels;

The SUPERINOX technical manual <Document Code MT10> contains a more detailed load bearing capacity description of the frames.



Shelving bays

A shelving bay is the area between two frames divided by shelf levels and their accessories.

The creation of a shelf level requires the creation of a basic frame made from frame spacers and a pair of beams onto which the shelf furnishing is placed.

A shelf beam is fixed to the upright with a clip which cups the upright and is tightened into position with an M8 bolt and sleeve. Several bays can be connected in a continuous line by using half clips which enable shelf levels to maintain a continuous line in height.

Shelf levels

The process of ordering a shelf level has been facilitated by the creation of macrocodes that group together the components needed to build an individual shelf.

Every shelf level requires the support of frame spacer bars which are divided into "header" frame spacer bars placed at the end of a shelving row, and "intermediate" frame spacer bars placed onto the inner frames within a shelving row.

Further details and customisation methods are available in the SUPERINOX technical manual <Document Code MT10>.

The SLATTED shelf is created by placing a sequence of secondary beams along the depth of the frame, set apart at a net centre distance of 33mm. The secondary beams rest on the frame spacers and are fixed in position with secondary beam clips. Finishing accessories are available to complete the frame header as well as inner bay locations.

Create a slatted shelf from:

- Frame Spacer Bar for slatted shelves (header and/or intermediate frame spacer bars)
- Slatted Shelf

The PLASTIC shelves are 300mm wide perforated panels made from food grade polyamide. These span between a pair of beams.

Create a plastic shelf from:

- Frame Spacer Bars for plastic shelves (header and/or intermediate frame spacer bars)
- Plastic Shelves

The CLOSED shelves are made from a sheet of stainless steel finished with safety edges resting on a combination of beams and one or more secondary beams depending on the required load bearing capacity.

Create a closed shelf from:

- Frame Spacer Bars for closed shelves (header and/or intermediate frame spacer bars)
- · Closed shelf

All components are delivered disassembled.













Shelving row for storage of food items







DISPLAY SHELVING AND SHOP FITTING

The versatility and unique design of the SUPER-INOX product has also been appreciated in the store display sector. A market segment where effective product display is essential to draw customer attention. A specific range of solutions has been developed to satisfy these needs, allowing for a unique system of shelf height and inclination adjustment.

The basic modular frame, assembled from a unique front curved upright and straight back upright, is perfectly suited for wall or island applications. The addition of ground level and top beams create the basic display unit shell. A range of shelves can be added and garnished with a vast array of accessories to meet specific display requirements. The top of the frames can also be used to affix signage and advertising.

Frames

The frames are created by pairing one straight and one curved upright giving it a unique "K" shape designed for enhanced merchandise visibility. A single straight upright is shared for the island frames.

The straight upright is accessorised with an adjustable foot plate.

of 910mm. Both units have a height of 2070mm. The maximum bay load is 300daN, for uniformly distributed loads.

The frame macrocode featured within the technical addendum of this brochure includes all accessories required for its assembly.

Shelves

The wide range of different shelf types available for supply allow varying solutions to be targeted to specific display needs. Shelves in varying depth can be connected to the same bay. In addition to the basic range of slatted and smooth stainless steel shelves, plastic or wooden shelf options as well as gravity roller profiles are also available.

The shelves come in nominal depths of 390mm, 520mm and 700mm and nominal length variations of 900mm, 1200mm, and 1500mm.

The shelves are height adjusted by repositioning supporting blocks fixed to the uprights; the adjustment of the rear blocks define height and pivot point while the front blocks define the inclination. The dimples along the upright face permit a 16.5mm pitch height regulation hence permitting product placement volumes to be maximised.

The shelves have a maximum load bearing capacity of 75daN/shelf, for uniformly distributed loads

The slatted, solid and plastic shelf variants all share the same rectangular frame.

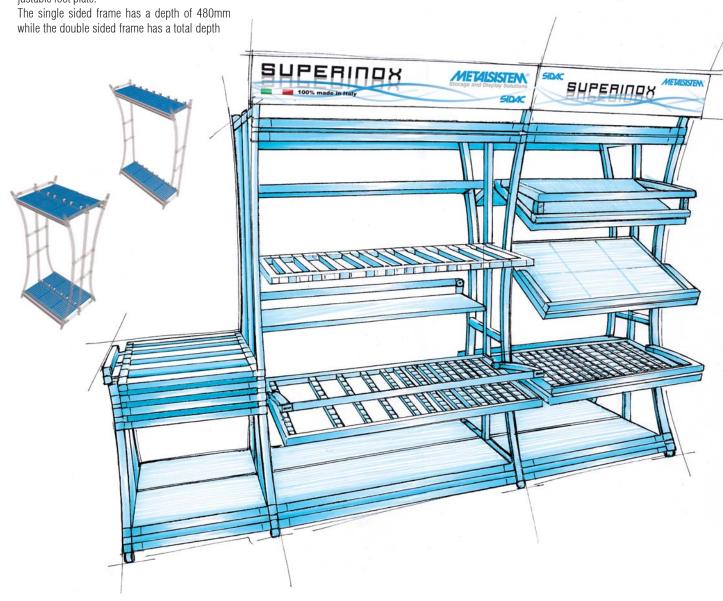
Shelves equipped with roller profiles reduce the need for products to be repositioned, as the merchandise is always present at the display face: a very useful time saving device.

The number of roller profiles within a shelf has to be defined according to the dimensions of the product packaging.

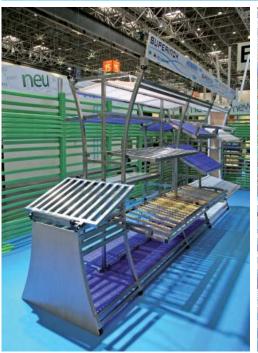
The wooden shelf is made from 30mm thick laminated maple wood MDF boards. The quality and consistency of the materials used, provide elegant display solutions.

Please refer to the SUPERINOX technical handbook <Document Code MT10> for more detailed information and assembly variants. In case of tailormade solutions, please contact the METAL-SISTEM offices.

All materials are supplied loose and disassembled.





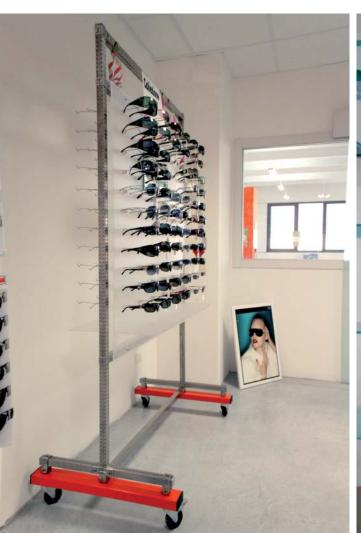








On this page and the following one, various examples of METALSISTEM stainless steel shopfitting solutions











SALES FLOOR FURNISHING - FRUIT AND VEGETABLE DISPLAY SHELVING

Hygienic, scratch and stain resistant, coupled with its elevated structural capacities, the stainless steel offers maximum quality for all segments of the food sector, from small to large supermarkets.

METALSISTEM offers specific solutions for all display needs from small mobile inclinable display units to modular units for island fruit stands. The design has been studied to provide elegant and functional structures that highlight the product on display.

Island Fruit Stand - Mobile Display Unit

The island fruit stand is available in 3 standard lengths of 900mm, 1200mm and 1500mm. Both practical and manoeuvrable, this stand is easily relocated throughout the sales floor thanks to its four, 100mm diameter swivelling polyurethane capped wheels (two with integrated locks).

The unit contains 3 display levels to suit diverse display and replenishment demands:

- the first level can be used for replenishment.
 This level is adaptable to any fruit and vegetable box dimension;
- the inclined hip level shelf comes with a standard stopper accessory and provides excellent product visibility;

Island Fruit Stand - Fixed Display Unit

Designed with elegant linear forms, manufactured with a sturdy and resistant frame, this product provides full product visibility. The fixed display unit contains three display levels, adaptable to any fruit and vegetable box dimension: as with the mobile display unit,

- the first level can be used for stock replenishment:
- the intermediate level is inclined at an angle of 17° and is accessorised with an end stopper. This shelf level provides utmost product exposure;
- the top level can be adjusted at angles from 6° to 27° and is also accessorised with an end stopper.

Inclinable Display Stand

The inclinable display stand consists of a stainless steel frame assembled on a chassis supported by 4 swivelling rubber capped wheels (2 with wheel locks), to facilitate the relocation of the stand around the sales floor or to replenishment areas.

The chassis surface contains a level for stock replenishment while the display surface, accessorised with an end stop, is inclinable to 3 fixed positions.











• the top level provides an additional product display surface.

The shelf levels are available in two different versions:

- made from a slatted surface composed of SU-PERINOX profiles with a smooth upper face;
- made from blue polypropylene perforated plastic shelf infills.

The unit can also be set flat to reduce its volume once in storage.

The inclinable display stand is available in single and double unit versions. The inclined display surface of the double unit has two vertical central supports that can be easily repositioned to adapt to any fruit or vegetable box dimension.

















The promotional display bins are available in two different versions: with a slatted base made from stainless steel profiles or polypropylene plastic panel version.

Both models are eye catchers and excellent vehicles to highlight merchandise on the sales floor. The shelf level is 500mm from ground and the side walls are 300mm high thus providing a total storage capacity of approx. 310 litres.







can Tinotta

Wine rack, available as single sided or double sided units. Due to its particular tear drop design, this wine rack provides an additional storage space at its bottom, which may be used to store packaging material. The container at the bottom can be supplied in three different colour shades providing a cheerful note. Thanks to the stainless steel used for its manufacture, this wine rack perfectly fits into varying environments.







Modular insert designed to complement the SIMPLY INOX shelving kit. Each storage level is made from two opposite bars with modular supports for the storage of 9 wine bottles per level. The levels may be adjusted in height, thus providing utmost visibility of the bottles stored within the shelving unit. The modular supports can be adjusted in width, to allow for bottles of varying dimensions to be safely located on the shelf.





Elegant wine display, made from stainless steel and wood. The frame features a standard inclination of 11° which can be raised up to 24°, thus allowing for a perfect display of 10 wine bottles of 750 ml each.

pro Bacco



This wine rack is a true eye catcher, due to its unique design. The rack has an overall storage capacity of exceeding 100 bottles and is achieved by simply stacking up add-on-units on top of the starter unit. The top layer may be inclinated, for enhanced exposure and visibility of the bottles. Available in two different versions: made from stainless steel or stainless steel frame with wooden inserts.



pro Teo



Designed to display books, CD's, DVD's in varying dimensions and formats. The two support brackets are conceived with a rotating device that allows to adjust the distance in width in order to house various formats of items to be displayed on the rack. Also, the stainless steel bracket around the upright can be adjusted in height, thus providing the desired inclination to the items stored, such as books or similar.

do re Mitico



Multimedia rack with five powdercoated shelves, adjustable in height, providing a storage capacity for 15 multimedia items each. The shelves are also suitable for books, to be displayed with their cover page in front, to enhance exposure and visibility. The container at the bottom provides extra storage space and can be rotated for an everchanging overall design of the rack.

media Tino



Attractive display solution for CD's or DVD's, made from stainless steel. May also be used as a trendy bookshelf. The item has been designed with 7 levels, for an overall storage capacity of 84 items in standard width (10.5 mm) or 126 items in slim cases (7mm) or 63 DVD (14,4 mm). Each level is composed of two arms. The upper one can be adjusted in height, depending on the dimensions of the items to be stored.

porta Zelia



Modular frame with 3 display levels in height, to showcase brochures and information material of varying dimensions. On its rear side, the frame houses two hooks for bags.

pa Lucio



Modular sign holder made from stainless steel, suitable for both inside and outside use. The system can accept sign plates of up to 6 mm gauges, fixed by means of a pincers device.

do re mi Lybra





the reak features a truly unique design and is made from one sole

Innovative book & media rack featuring a surprisingly fresh design. The structure has been designed with a modular concept and is available with 900 or 1200 mm long bays. Each shelving bay is equipped with 5 shelf levels in height, composed by stainless steel beam pairs covered with powder coated curved tops. Thanks to their bent design, books are always kept perfectly in place without any need for bookends.

The frame of the rack features a truly unique design and is made from one sole piece of upright section calendered into a tear drop shape. Its lower part accomodates a circular recipient provided with slots that may also be used as a CD/DVD rack. The recipient can be rotated in varying directions, thus providing access from both sides. The system would therefore also work as a smart solution for room partitioning.

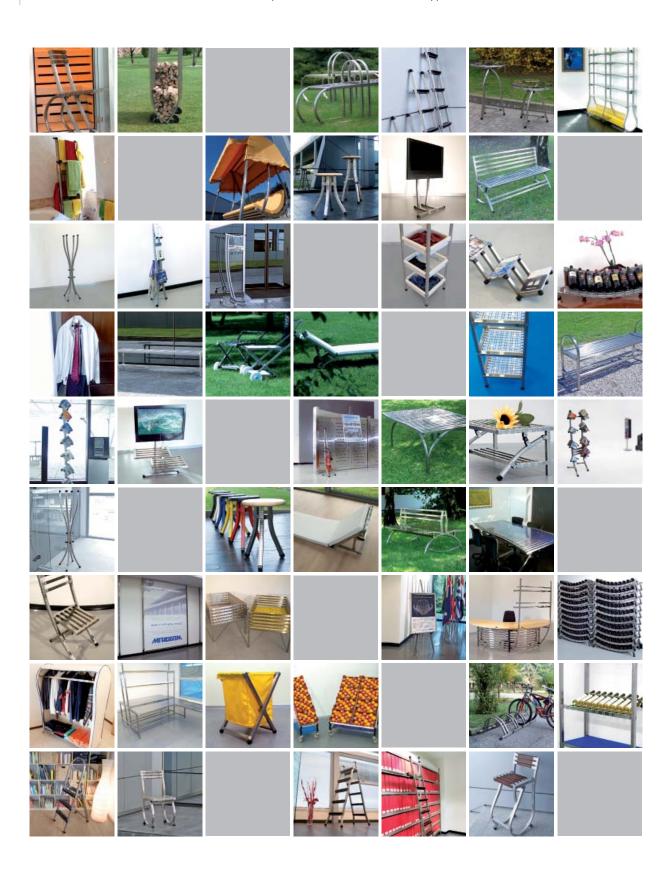
EXCLUSIVE FURNISHING CONCEPT - VERSATILE SOLUTIONS FOR MODERN LIVING

The versatility of the modular SUPERINOX product series unleashes countless possibilities for the creation of a wide range of applications as diverse as the ever expanding confines of creativity.

The unique and innovative SUPERINOX solutions created by METALSISTEM include an exclusive furnishing concept adopting captivat-

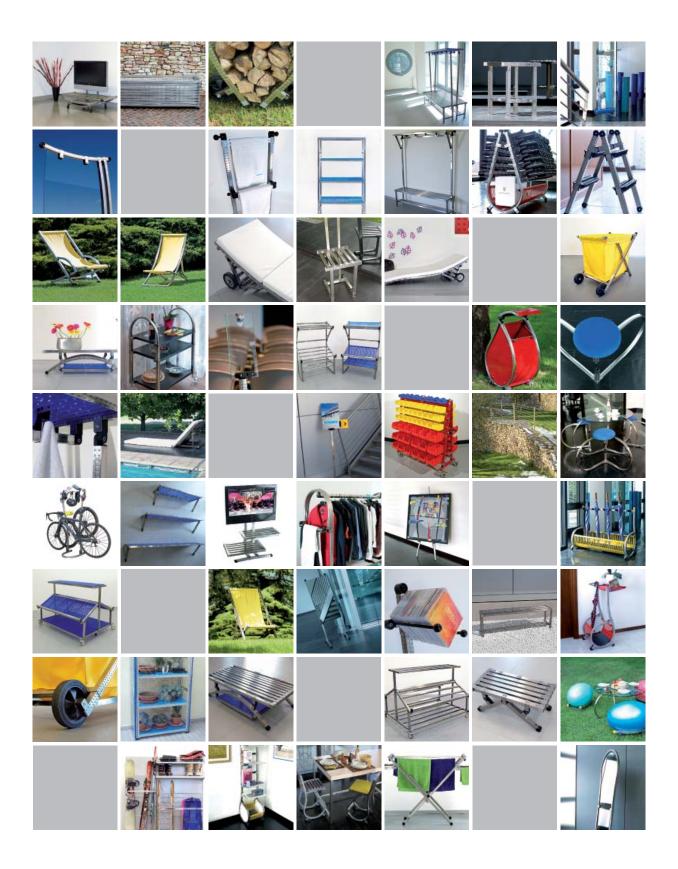
ing designs suited to any environment.

From home to garden, from cellars to wardrobes, from the factory floor to the shop floor, all these solutions have a timeless appeal and duration and thanks to the use of stainless steel are perfect for both indoor and outdoor applications.



SUPERINOX...the evolution of a conceptually dynamic product. Flexible and versatile solutions that respect the environment and nature.

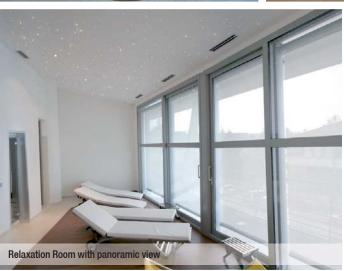
The development of new products is in continuous evolution. Refer to the commercial documentation and dedicated catalogues to view details of all products available for supply.















CLOAK ROOM FURNISHING

The SUPERINOX product, thanks to the quality of the material used for its manufacture, is perfectly suited for all environments where high levels of cleanliness and hygiene are required; for example: fitness centres, wellness centres, change rooms, and generally all sectors of the hotel and food industry.

Discretely elegant, SUPERINOX is an ideal product to promote a unique environment and life style.





















CREATIVE SOLUTIONS

The square profile of the SUPERINOX upright allows for a multitude of creative applications in both indoor and outdoor applications. Solutions featuring numerous geometric configurations that are both solid and practical, yet elegant in form.







Photograph Display Frames - Exhibition in Piazza Duomo, Trento







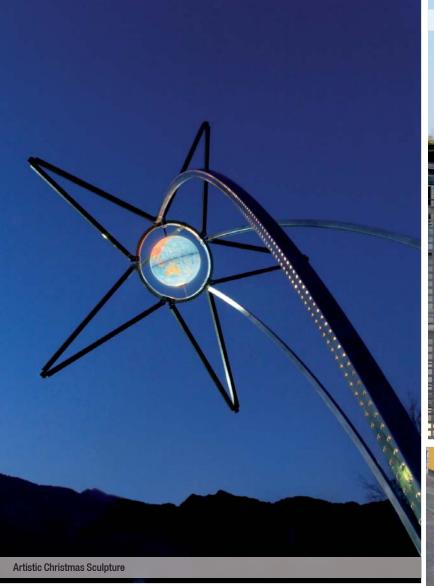
A special connection joint preparation tool is available to facilitate personalised SUPERINOX creations. Uprights and beam profiles are available in bars of 5000 mm, together with a wide array of standard accessories and connections in stainless steel and plastic.

Please refer to the SUPERINOX technical catalogue (Document Code N° ING029METALS) for a detailed description of all available components.

A wide range of plastic and steel connection components is available to achieve the assembly of SUPERINOX creations.



METALSISTEM S.p.A. recommends that all components be applied professionally following a correct code of pratice for the design and utilisation. METALSISTEM declines any responsibility for inappropriate, improper or unauthorised applications of this product or its accessories.











Entrance Steps









Green House Olive Grove Perimeter Division











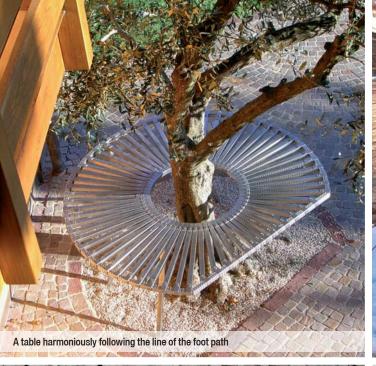






The stainless steel used for the manufacture of the SUPERINOX product series contains characteristics that fully satisfy the resistance and durability requirements needed for products that are destined for outdoor use. SUPERINOX lends itself for a multitude of applications in gardens and more generally for the outdoor environment: creations that stand out for their beauty, simplicity and functionality.





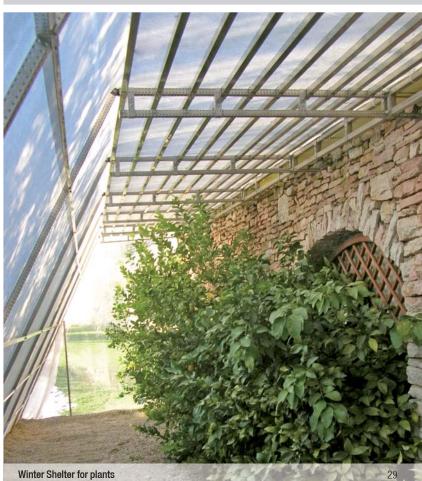




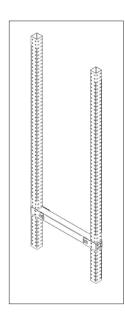


Modular Stainless Steel Frame for Solar Panels





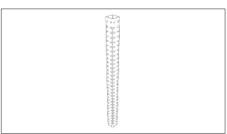
STANDARD STAINLESS STEEL SHELVING



RAME 32/1 1100 daN load bearing capacity with max. 400m distance between levels		
component	height (mm)	depth (mm)
SI20S408	850	400
SI20S508	850	500
SI20S608	850	600
SI20S420	2000	400
SI20S520	2000	500
SI20S620	2000	600
SI20S425	2500	400
SI20S525	2500	500
SI20S625	2500	600

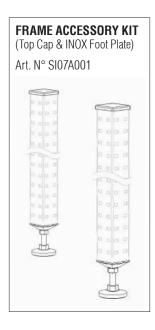
FRAME 32/4	1400 daN load bearing capacity with max. 400mm distance between levels	
component	nent height (mm) depth (mm)	
SI25S420	2000	400
SI25S520	2000	500
SI25S620	2000	600
SI25S425	2500	400
SI25S525	2500	500
SI25S625	2500	600

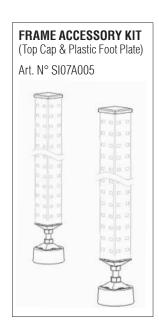
In case of different frame configurations and/or for higher frame load capacity options, please refer to the <MT10> Technical Manual



SUPERINOX UPRIGHT 32/1	
component	height (mm)
SI20M085	850
SI20M200	2000
SI20M250	2500

SUPERINOX UPRIGHT 32/4	
component height (mm)	
SI25M200	2000
SI25M250	2500





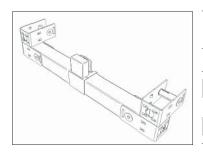




SUNK TOP CAP Art. N° SI01A006	

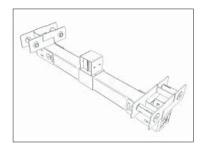
OVERALL FRAME DIMENSION	
nominal depth (mm)	overall depth (mm)
400	389
400	309
500	521
600	587

OVERALL BAY DIMENSION	
nominal length (mm)	overall length (mm)
900	903
1000	1002
1200	1200
1500	1497
SUPERINOX Upright Width	32 mm



SPACER BAR SET for flat shelf - header frame

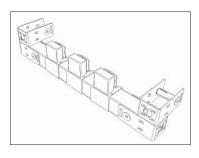
101 1141 011011	made manne
component	depth (mm)
SI20TL40I	400
SI20TL50I	500
SI20TL60I	600



SPACER BAR SET

for flat shelf - bay frame

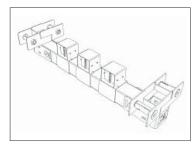
depth (mm)
400
500
600



SPACER BAR SET

for slatted shelf - header frame

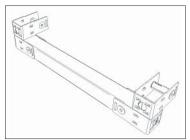
component	depth (mm)
SI20TG40I	400
SI20TG50I	500
SI20TG60I	600



SPACER BAR SET

for slatted shelf - bay frame

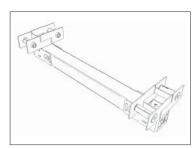
depth (mm)
400
500
600



SPACER BAR SET

for plastic shelf - header frame

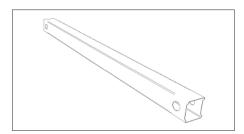
component	depth (mm)
SI20TP40I	400
SI20TP50I	500
SI20TP60I	600



SPACER BAR SET

for plastic shelf - bay frame

component	depth (mm)	
SI20TP40M	400	
SI20TP50M	500	
SI20TP60M	600	

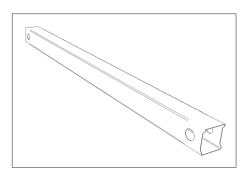


SUPERINOX SPACER BAR 32/1

component	depth (mm)
SI01T040	400
SI01T050	500
SI01T060	600



component	depth (mm)	
SI04T040	400	
SI04T050	500	
SI04T060	600	

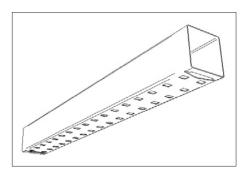


SUPERINOX BEAM 32/0

code article	length (mm)	
SI00C060	600	
SI00C090	900	
SI00C100	1000	
SI00C120	1200	
SI00C150	1500	

SUPERINOX BEAM 32/4

component	length (mm)	
SI04C060	600	
SI04C090	900	
SI04C100	1000	
SI04C120	1200	
SI04C150	1500	

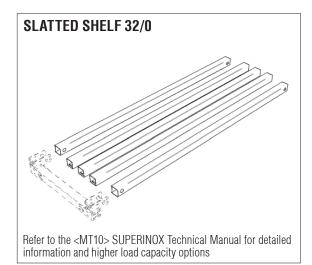


SUPERINOX SECONDARY BEAM 32/0

component	length (mm)	
SI00R060	600	
SI00R090	900	
SI00R100	1000	
SI00R120	1200	
SI00R150	1500	

SUPERINOX SECONDARY BEAM 32/1

component	length (mm)	
SI01R060	600	
SI01R090	900	
SI01R100	1000	
SI01R120	1200	
SI01R150	1500	



component	height (mm)	depth (mm)	load capacity (daN) uniformly distributed load
SI00G409	400	900	250
SI00G410	400	1000	238
SI00G412	400	1200	167
SI00G415	400	1500	108
SI00G509	500	900	201
SI00G510	500	1000	201
SI00G512	500	1200	201
SI00G515	500	1500	152
SI00G609	600	900	178
SI00G610	600	1000	178
SI00G612	600	1200	178
SI00G615	600	1500	174



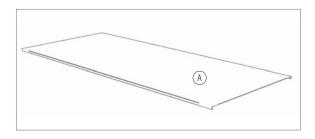
height (mm)	depth (mm)	load capacity (daN) uniformly distributed load
400	900	90
400	1200	67
400	1500	43
500	900	90
500	1200	67
500	1500	43
	400 400 400 500 500	400 900 400 1200 400 1500 500 900 500 1200



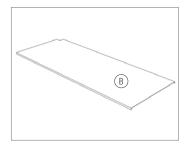
component	depth (mm)	length (mm)	
SI00P409	400	900	
SI00P410	400	1000	
SI00P412	400	1200	
SI00P415	400	1500	
SI00P509	500	900	
SI00P510	500	1000	
SI00P512	500	1200	
SI00P515	500	1500	
SI00P609	600	900	
SI00P610	600	1000	
SI00P612	600	1200	
SI00P615	600	1500	

SMOOTH INOX SHELF 32/0
includes 2 beams, 1 secondary beam 32/0, and a stainless
steel cover sheet
\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
10.89
1000
1. J.
Refer to the <mt10> SUPERINOX Technical Manual for detailed</mt10>
information and higher load capacity options

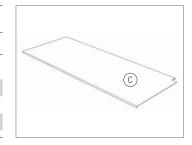
component	height (mm)	depth (mm)	load capacity (daN) uniformly distributed load
SI00L409	400	900	116
SI00L410	400	1000	95
SI00L412	400	1200	67
SI00L415	400	1500	43
SI00L509	500	900	116
SI00L510	500	1000	95
SI00L512	500	1200	67
SI00L515	500	1500	43
SI00L609	600	900	116
SI00L610	600	1000	95
SI00L612	600	1200	67
SI00L615	600	1500	43

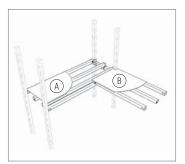


SUPERINOX CORNER FLAT SHELF COVER component depth (mm) length (mm) SI00P412A 400 1200 SI00P512A 500 1200 SI00P612A 600 1200



SUPERINOX CORNER FLAT SHELF COVER				
shaped at left	dime	shaped at right		
component	depth (mm)	length (mm)	component	
SI00P412S	400	1200	SI00P412D	
SI00P512S	500	1200	SI00P512D	
SI00P612S	600	1200	SI00P612D	

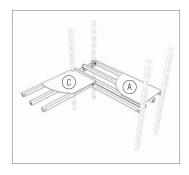




LEFT SIDED CORNER SHELF UNIT 32/4

with flat shelf cover sheet		dimension		with slatted shelf	
component	load capacity (daN) with uniformly distributed load	depth (mm)	length (mm)	component	load capacity (daN) with uniformly distributed load
SI04AL412SX	152	400	1200	SI04AG412SX	219
SI04AL512SX	130	500	1200	SI04AG512SX	160
SI04AL612SX	113	600	1200	SI04AG612SX	113

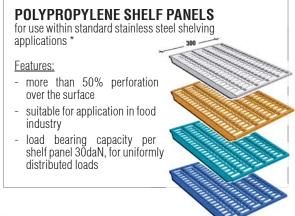
Please refer to the <MT10> SUPERINOX Technical Manual for detailled information and higher load capacity options



RIGHT SIDED CORNER SHELF UNIT 32/4

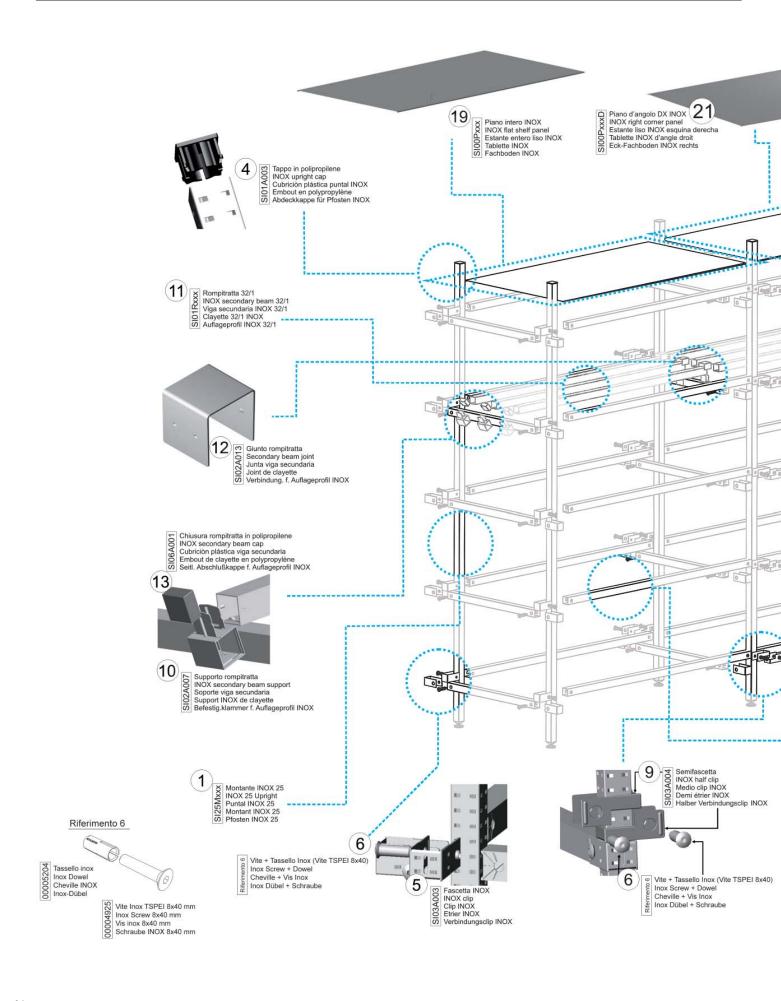
with flat shelf cover sheet		dimension		with slatted shelf	
component	load capacity (daN) with uniformly distributed load	depth (mm)	length (mm)	component	load capacity (daN) with uniformly distributed load
SI04AL412DX	152	400	1200	SI04AG412DX	219
SI04AL512DX	130	500	1200	SI04AG512DX	160
SI04AL612DX	113	600	1200	SI04AG612DX	113

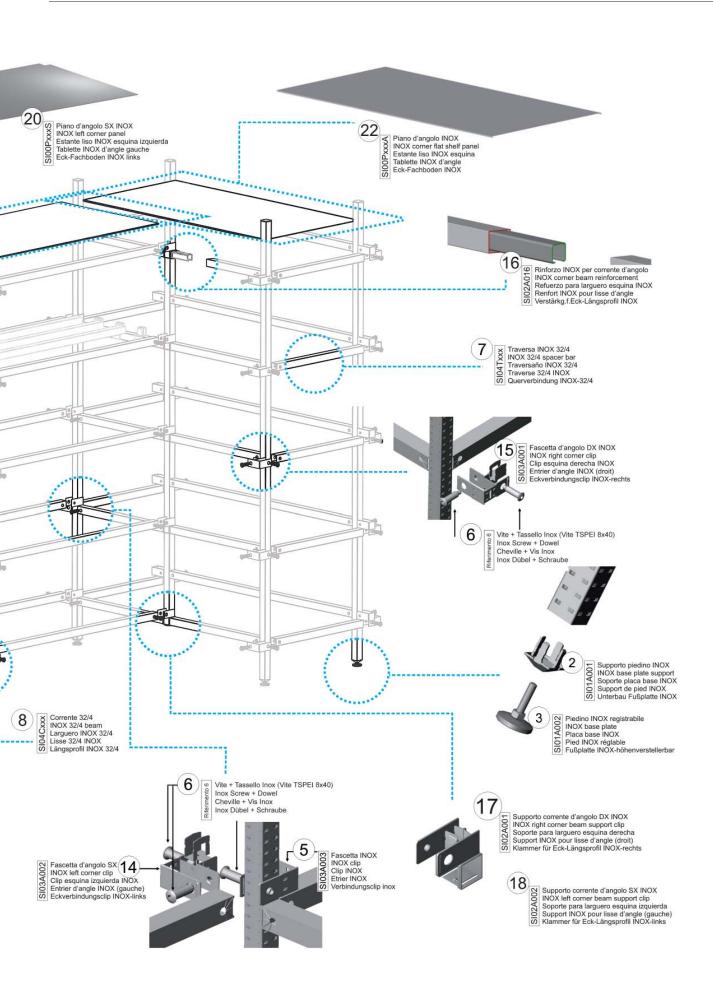
Please refer to the <MT10> SUPERINOX Technical Manual for detailled information and higher load capacity options



component	length (mm)	depth (mm)	colour
PLI30X40C1	300	400	white
PLI30X50C1	300	500	white
PLI30X40A1	300	400	yellow
PLI30X50A1	300	500	yellow
PLI30X40B1	300	400	light blue
PLI30X50B1	300	500	light blue
PLI30X40B2	300	400	blue
PLI30X50B2	300	500	blue

^{*} when used within SUPERINOX display shelving, please note that different article code numbers apply: refer to page 37 to view article code numbers valid for display shelving applications.





DISPLAY SHELVING SERIES

WALL FRAME

article code n° 00006970 dimension: 32x480x2070 mmH



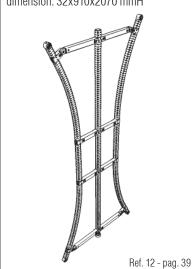
The article code number 0006970 is a macrocode and comprises the following components:

qty.	component	description
2	00005030	Inox Beam 32/0 L=292 mm
2	00006967	Inox Beam 32/0 L=194.5 mm
1	00006968	Inox Arched Upright 32/4 H=2071 mm
1	00006969	Inox Straight Upright 32/4 H=2005 mm
8	SI03A003	Inox Clip
2	SI01A001	Inox Adjustable Base Plate Support
1	SI01A004	Plastic Foot Plate
2	00004972	Plastic Insert (top & bottom) for shaped upright
2	00004973	2-way fixed insert support
2	00005017	Plastic 2-way adjustable joint with parallel holes
1	SI01A003	Upright Cap
6	00005204	Inox Dowel for Inox Clip

including all bolts and nuts needed for the construction of the wall frame

ISLAND FRAME

article code n° 00006971 dimension: 32x910x2070 mmH



The article code number 0006971 is a macrocode and comprises the following components:

qty.	component	description
4	00005030	Inox Beam 32/0 L=292 mm
4	00006967	Inox Beam 32/0 L=194.5 mm
2	00006968	Inox Arched Upright 32/4 H=2071 mm
1	00006969	Inox Straight Upright 32/4 H=2005 mm
8	SI03A003	Inox Clip
8	SI03A034	Inox Half Clip with lugs
2	SI01A001	Inox Base Plate Support
1	SI01A004	Plastic Foot Plate
4	00004972	Plastic Insert (top & bottom) for shaped upright
4	00004973	2-way fixed insert support
4	00005017	Plastic 2-way adjustable joint with parallel holes
1	SI01A003	Upright Cap
12	00005204	Inox Dowel for clip

including all bolts and nuts needed for the construction of the island frame

WALL BAY UNIT



WALL BAY (without the frames)

component	length (mm)		

The article code numbers listed below are macrocodes and contain all components illustrated at left needed to build a wall bay unit, except the frames. The plastic shelves are white.

00007117	900
00007118	1200
00007119	1500

Upon request, the plastic shelves for both wall and island bays can be supplied in yellow, lightblue, or blue colour as well.

ISLAND BAY (without the frames)

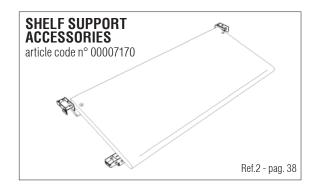
component	length (mm)

The article code numbers listed below are macrocodes and contain all components illustrated at right needed to build an island bay unit, except the frames. The plastic shelves are white.

00007146	900
00007147	1200
00007148	1500

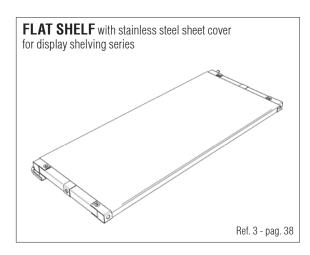


DISPLAY SHELVING SERIES

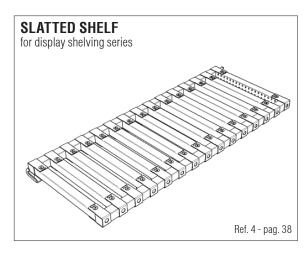


The article code n° 00007170 is a macrocode and includes the following single components:

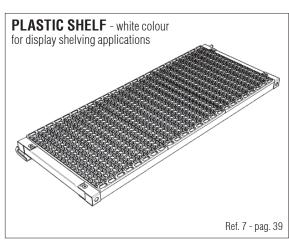
qty.	component	description	
4	SI03A034	Inox half clip with lugs	
2	00005204	Inox dowel for half clip	
2	SI08A001	Square insert diam. 12 mm	
4	00004925	Screw 8 mm	



component	depth (mm)	length (mm)
00007067	400	900
00007070	400	1200
00007073	400	1500
00007068	500	900
00007071	500	1200
00007074	500	1500
00007069	700	900
00007072	700	1200
00007075	700	1500



component	depth (mm)	length (mm)
00007107	400	900
00007110	400	1200
00007113	400	1500
00007108	500	900
00007111	500	1200
00007114	500	1500
00007109	700	900
00007112	700	1200
00007115	700	1500

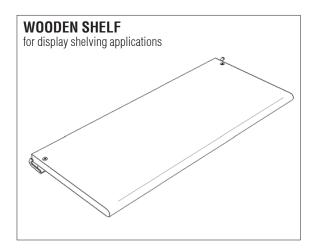


The plastic	panels are also	available in v	/ellow	blue and light	blue colour
THO PIGOTIO	pariors are area	avanabio iii y	OHOW,	Dido dila ligit	L DIGO OOIOGI

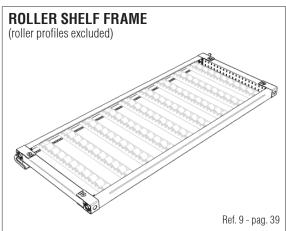
component	depth (mm)	length (mm)
00007089	400	900
00007092	400	1200
00007095	400	1500
00007090	500	900
00007093	500	1200
00007096	500	1500
00007091	700	900
00007094	700	1200
00007097	700	1500

SUPERINOX

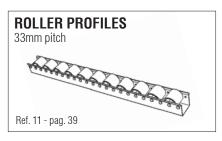
DISPLAY SHELVING SERIES



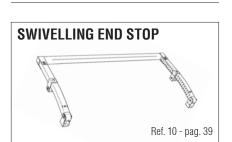
component	depth (mm)	length (mm)
00007029	400	900
00007032	400	1200
00007035	400	1500
00007030	500	900
00007033	500	1200
00007036	500	1500
00007031	700	900
00007034	700	1200
00007037	700	1500



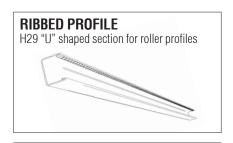
component	depth (mm)	length (mm)
00006986	400	900
00006989	400	1200
00006992	400	1500
00006987	500	900
00006990	500	1200
00006993	500	1500
00006988	700	900
00006991	700	1200
00006994	700	1500



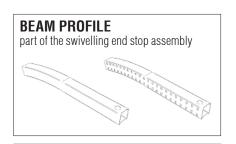
component	depth (mm)
00006979	375,5
00006980	507,5
00006981	656



component	nominal length (mm)
00007179	900
00007180	1200
00007181	1500



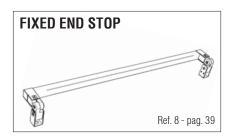
component	nominal length (mm)
00006974	900
00006975	1200
00006976	1500



component	depth (mm)
00007183	374,5
00007184	374,5



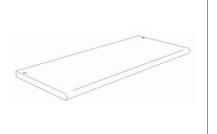
component	description
00006977	HOOK AT RIGHT
00006978	HOOK AT LEFT



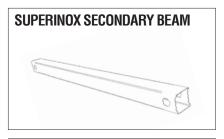
component	nominal length (mm)
00007176	900
00007177	1200
00007178	1500

DISPLAY SHELVING SERIES

LAMINATED WOODEN SHELF for display shelving applications - 30mm gauge



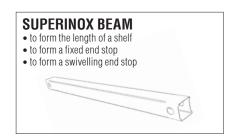
component	depth (mm)	length (mm)
00007040	400	900
00007043	400	1200
00007046	400	1500
00007041	500	900
00007044	500	1200
00007047	500	1500
00007042	700	900
00007045	700	1200
00007048	700	1500



component	nominal length (mm)	
00005482	900	
00007085	1200	
00007085	1200	
00007087	1500	
	1000	

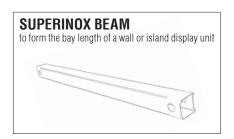
SUPERINOX BEAM to form the shelf depth

component	nominal depth (mm)	
00005601	400	
00005065	500	
00005602	700	

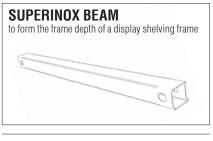


component	nominal length (mm)	
00005500	900	

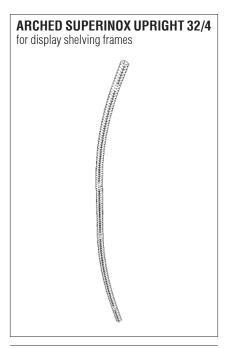
00005874	1200	
00007086	1500	



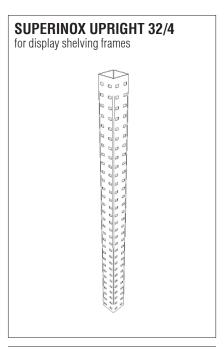
component	nominal length (mm)	
00007120	900	
00007121	1200	
00007122	1500	



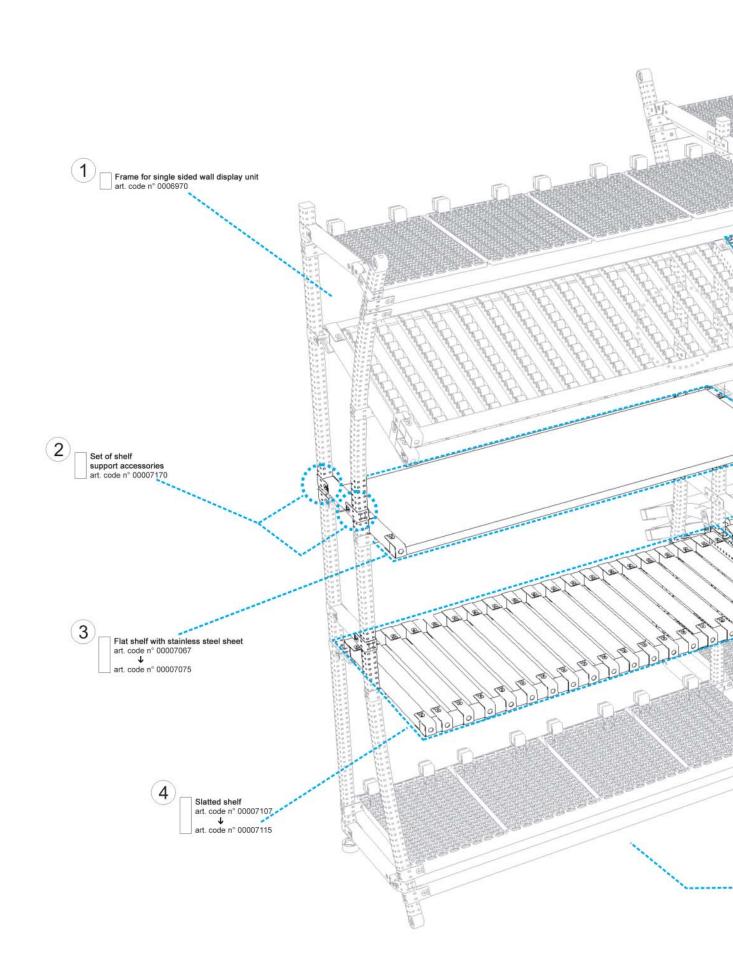
component	depth (mm)	
00005030	292	
00006967	194,5	

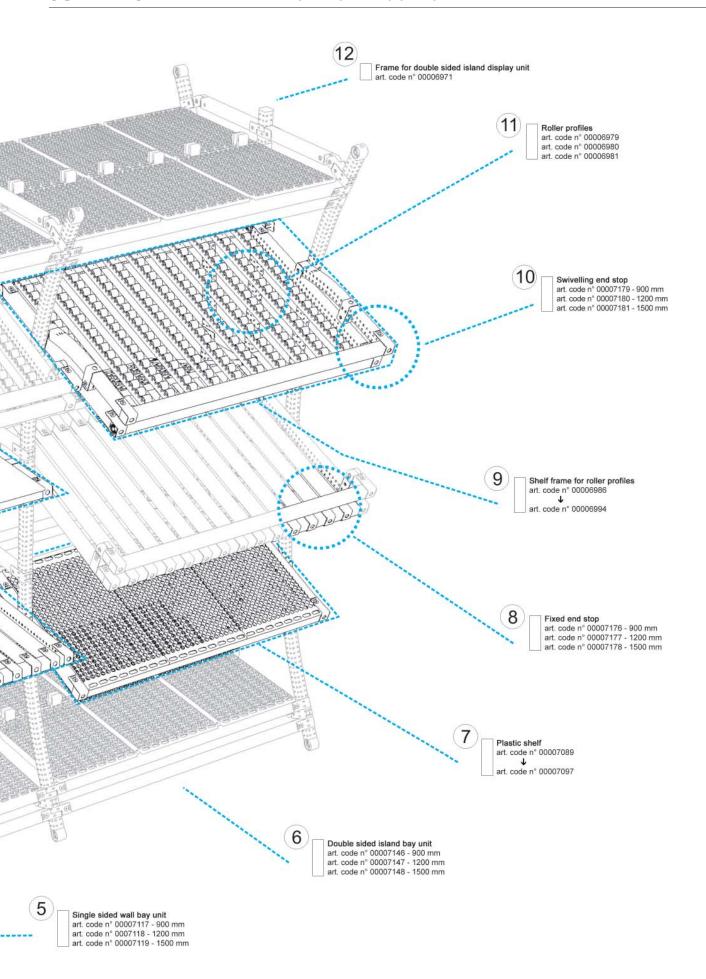


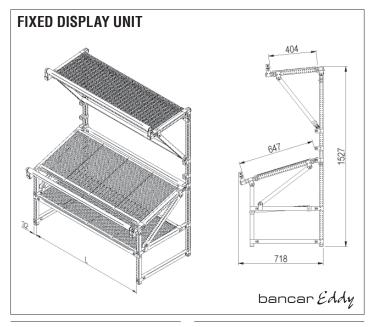
component	length (mm)
00006968	2071



component	length (mm)
00006969	2005







The "BANCAR-EDDY" unit has been created with 3 display levels and is perfectly suited to any box or fruit and vegetable crate dimension:

- the lower shelf level of the 900mm, 1200mm and 1500mm unit has a dimension of 966x518mm, 1263x518mm and 1560x518mm respec-
- the intermediate level of the 900mm, 1200mm and 1500mm unit is
- the intermediate level of the 900mm, 1200mm and 1500mm unit is inclined at 17° to boast product visibility and is accessoried with an end stop. It has a display surface of 966x612 mm, 1263x612 mm and 1560x612 mm, respectively;
 the top level of the 900mm, 1200mm and 1500mm unit has a dimension of 966x413mm, 1263x413mm and 1560x413mm respectively and can be inclined to 6° or 27°. It is accessorised with an end stop to prevent items falling down. to prevent items falling down.

The display levels are available in two versions:

- with slatted stainless steel shelves made from smooth faced slats running along the length of the bay, or
- with perforated blue polypropylene panels covering the surface.

The light and resistant frame comes preassembled and is commissioned with ease.

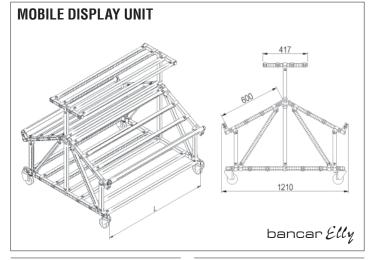
These products have been specifically developed for fruit and vegetable display: all components are compatible with food industry require-

WITH SLATTED INOX SHELVES

component	bay length (mm)
00006450	900
00006451	1200
00006452	1500

WITH PLASTIC SHELF PANELS

component	bay length (mm)	
00006453	900	
00006454	1200	
00006455	1500	



WITH SLATTED INOX SHELVES

component	bay length (mm)	
00005897	900	
00005898	1200	
00005899	1500	

WITH PLASTIC SHELF PANELS

component	bay length (mm)	
00005917	900	
00005918	1200	
00005919	1500	

The "BANCAR-ELLY" display unit has been developed with 3 display levels and is specifically studied for display requirements:

- the lower level can be dedicated to replenishment;
- the hip shelf level is inclined, accessorised with an end stopper and boasts product visibility;
- the top level can also serve as a display surface.

Thanks to the 4 swivelling rubber capped wheels, two with wheel locks, the display unit is easily moved into position.

The three display levels are available in 2 versions:

- with slatted stainless shelves, made from smooth faced slats running along the length of the bay, or
- with perforated blue polypropylene panels covering the surface;

All components are compatible with food industry requirements.



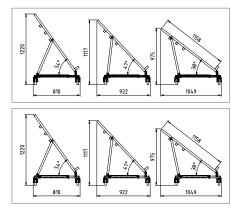
SINGLE SIDED ITEM		DOUBLE SIDED ITEM	
component	front width (mm)	component	front width (mm)
00005745	440	00005746	1100

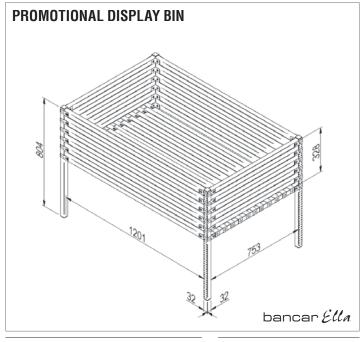
The "ESPOS-IRIS" is a modular stainless steel display stand designed for the display of fruit and vegetables and for other applications. The display surface is mounted on a trolley which has 4 swivelling rubber capped wheels, two of which have wheel locks, to facilitate transfers between display areas and replenishment or working areas. The bottom level can be used for easily accessible stock replenishment while the display surface is accessorised with an end stopper and adjustable to 3 standard inclinations. The display surface can fold away flat against the trolley base, thus minimising volume during storage.

The inclined display surface of the double unit contains two adjustable central supports hence adaptable to any fruit carton or box dimension.

The "ESPOS-IRIS" stand comes preassembled ready to use.

Both the stainless steel and polypropylene components used in the manufacture of this product are comptabile with food industry requirements.





WITH SLATTED STAINLESS STEEL BASE 00005487 component

WITH PLASTIC PANEL BASE

00005480 component

The promotional display bins are available with a stainless steel slatted base or polypropylene plastic panel version.

Both models are an eyecatcher and an excellent vehicle to highlight goods on the sales floor. The shelf level is approx. 500mm from ground whereas the side walls are 300mm in height thus providing a total storage capacity of approx. 310 litres, all of which facilitates use and easy positioning of merchandise.

In addition, all components are made from food grade material.

CLOAK ROOM FURNISHING



component	length (mm)
00005593	900
00005095	1000
00005594	1200
00005096	1500

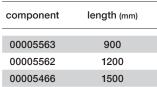


component	length (mm)	description
00008282	900	single sided kit
00008283	1200	single sided kit
00005411	1500	single sided kit



component	length (mm)	description
00008280	900	double sided kit
00008281	1200	double sided kit
00005410	1500	double sided kit







component	dimensions (mm) LxDxH
00007527	460 x 340 x 1595



(component	nominal height (mm)	description
	00008998	1800	6-step-ladder
	00008999	2400	8-step-ladder
	00009000	2800	10-step-ladder



component	nominal height (mm)	description
00008879	2000	5-step-ladder
00008880	2500	7-step-ladder
00008881	3000	9-step-ladder



component	height (mm)
00009143	605



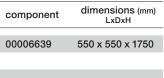
component	nominal height (mm)	description
00008719	1000	3-step-stairs
00008720	1200	4-step-stairs
00008721	1500	5-step-stairs

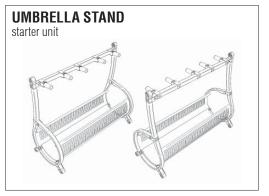


component	nominal height (mm)
00008642	1300

DISPLAY SOLUTIONS





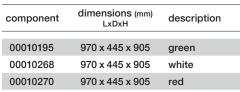


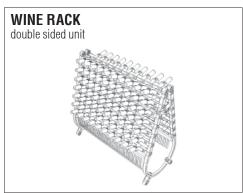
component	dimensions (mm) LxDxH	description
00010015	970 x 400 x 820	mod. green
00010016	970 x 400 x 820	mod. red
00010017	970 x 400 x 820	mod. white
00010018	970 x 400 x 820	mod. black



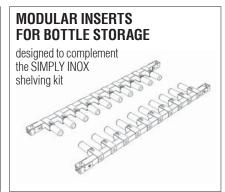
component	dimensions (mm) LxDxH	description
00010019	970 x 400 x 820	mod. green
00010020	970 x 400 x 820	mod. red
00010021	970 x 400 x 820	mod. white
00010022	970 x 400 x 820	mod. black



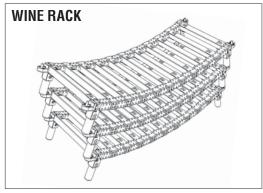




component	dimensions (mm) LxDxH	description
00010196	970 x 570 x 900	green
00010269	970 x 570 x 900	white
00010271	970 x 570 x 900	red



component	dimensions (mm) LxDxH
00009649	970 x 390 x 32



component	dimensions (mm) LxDxH	description
00009634	875 x 360 x 200	Ground Unit Inox
00009636	875 x 360 x 200	Add-on-Unit Inox
00009633	875 x 360 x 200	Ground Unit Wood
00009635	875 x 360 x 200	Add-on-Unit Wood



component	dimensions (mm) LxDxH
00009578	875 x 360 x 200

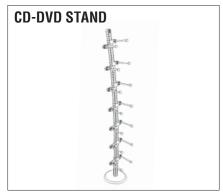


component starter unit	component add-on unit	colour of plastic shelves
00004909	00004910	yellow
00004911	00004912	cyan
00004913	00004914	white

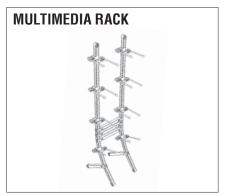
DISPLAY SOLUTIONS



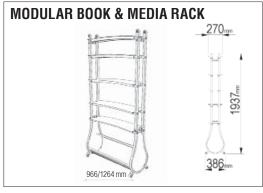
component	dimensions (mm) LxDxH	description
00007232	460 x 380 x 1410	with plastic shelves
00007274	390 x 310 x 6	kit glass shelves
00007273	390 x 310 x 12	kit wooden shelves

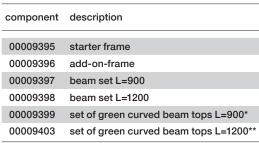


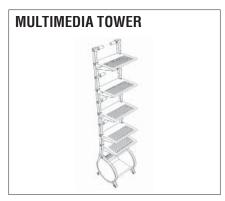
component	dimensions (mm) LxDxH
00007498	250 x 355 x 1620



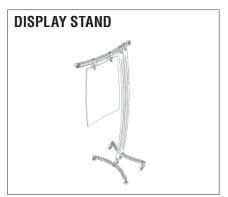
component	dimensions (mm) LxDxH
00007736	525 x 475 x 1545





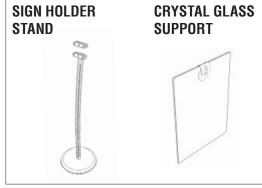


component	dimensions (mm) LxDxH	colour
00009212	410 x 390 x 1950	green
00009213	410 x 390 x 1950	white
00009214	410 x 390 x 1950	red

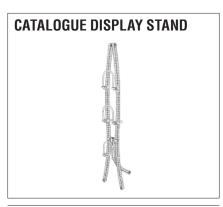


component	dimensions (mm) LxDxH
00007059	700 x 760 x 1790

- * also available in red (art. n° 00009400), black (art. n° 00009401), white (art. n° 00009402)
 ** also available in red (art. n° 00009404), black (art. n° 00009405), white (art. n° 00009406)



component	dimensions (mm) LxDxH	description
00007965	400 x 400 x 1200	sign holder
00008547	327 x 240 x 6	glass A4+
00008546	327 x 450 x 6	glass A3+



component	dimensions (mm) LxDxH	
00006660	360 x 270 x 1770	



component	LxDxH (mm)	description
00007593	300 x 360 x 1560	fire-extinguisher stand
00007607	145 x 175	plate



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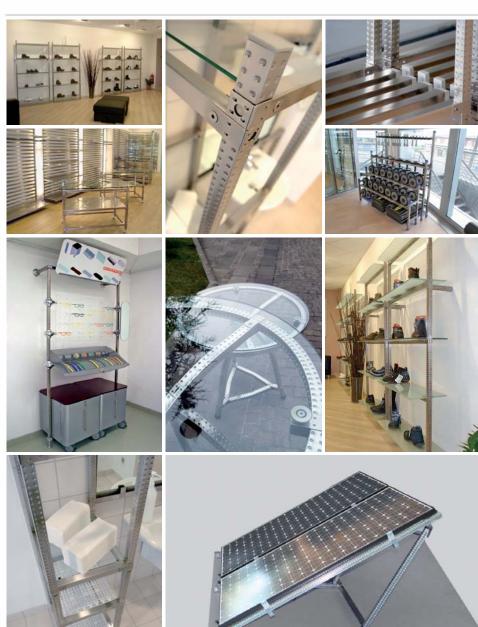
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