



General Catalogue 2015 • 2016

MADE IN ITALY



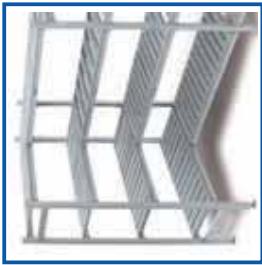
+90° C
-30° C



HACCP



Eko Fit



7

Shelving System



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High Density
Shelving System



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Trolleys



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Light Hangers

Simplex



Meat Rail

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Framework

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Hangers

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Chopping Blocks
and Work Tables

103



Stainless Steel
Bumper Protections

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Quality system certificate

UNI EN ISO 9001:2008

Design, manufacturing and assembling issued by the german authority TÜV NORD, according to ISO 9001 standard.

To be renewed, the certificate requires a yearly audit of our premises.



Product certificate to guarantee the load capacities of the shelvings in compliance with the safety standards. To be renewed, the certificate requires a yearly audit at our premises.

TÜV NORD Italia s.r.l. - via C. Pisacane, 46 20025 Legnano (MI) - Italia

Product certificate for easy cleaning in compliance with haccp standard, released by french authority afnor. To be renewed, the certificate requires a yearly audit at our premises.

AFAQ Afnor Certification – 11, Avenue Francis de Pressensé 93571 Saint Denis la Plaine Cedex - France

Conformité au règlement de certification: NF 031 - Garantie Certifiée - Aptitude au Nettoyage.

www.marque-nf.com



Certificate in compliance with nsfansi standard 02 (america, africa, asia and Oceania) for easy cleaning, function, materials' toxicological valuation. To be renewed, the certificate requires a yearly audit at our premises.

NSF International P.O. Box - 1301-40 Ann Arbor Michigan - USA - Standard 02



COMPONENTS



"For food contact" - European symbol of suitability for contact with food. The materials of which the product is made of, shall not release harmful substances to foods and should not alter its organoleptic characteristics.

Anodized aluminium shelving system HACCP compliant and suitable for direct food contact and complying with the provisions of DM 21.03.73 published in the G.U. On 20/04/73 nr. 104 and subsequent Ministerial Decree 27.10.09, n. 176 published in the G.U. On 10/12/09 nr. 287, as well as with the regulations laid down by Legislative Decree no. 62/94 on Safety.



All the anodic oxidation of aluminium are carried out according to the directives of European's quality process Qualanord.

Qualanord P.O. Box 10-CH-8027 Zurich



Aluminium shelving system with polyethylene slats



ALUMINIUM SHELVING SYSTEM with polyethylene slats

Structure entirely stainless, certified for direct food contact.
The framework is entirely in anodized aluminium 20 micron.
Slats are available in high density polyethylene or anodized
aluminium.
Polyethylene is non-toxic, chemical resistant, low hygroscopic
absorption, low friction coefficient good wear and tear resistance,
large interval working temperature.
Nuts and bolt are in stainless steel, hidden inside the structure.

1972

TONON's first shelving system
with clip on clip off plastic slats.

IDEAL FOR COLD ROOM STORAGE



Linear Single



Multiple



Angular



''U'' shape



EKO FIT® 1972 - 2012



Fruit and Vegetables



Cold cuts
Cheese



Laundry

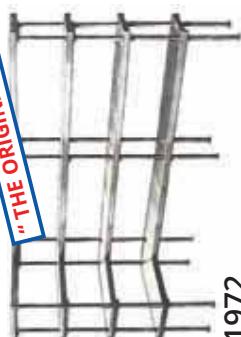


Medical



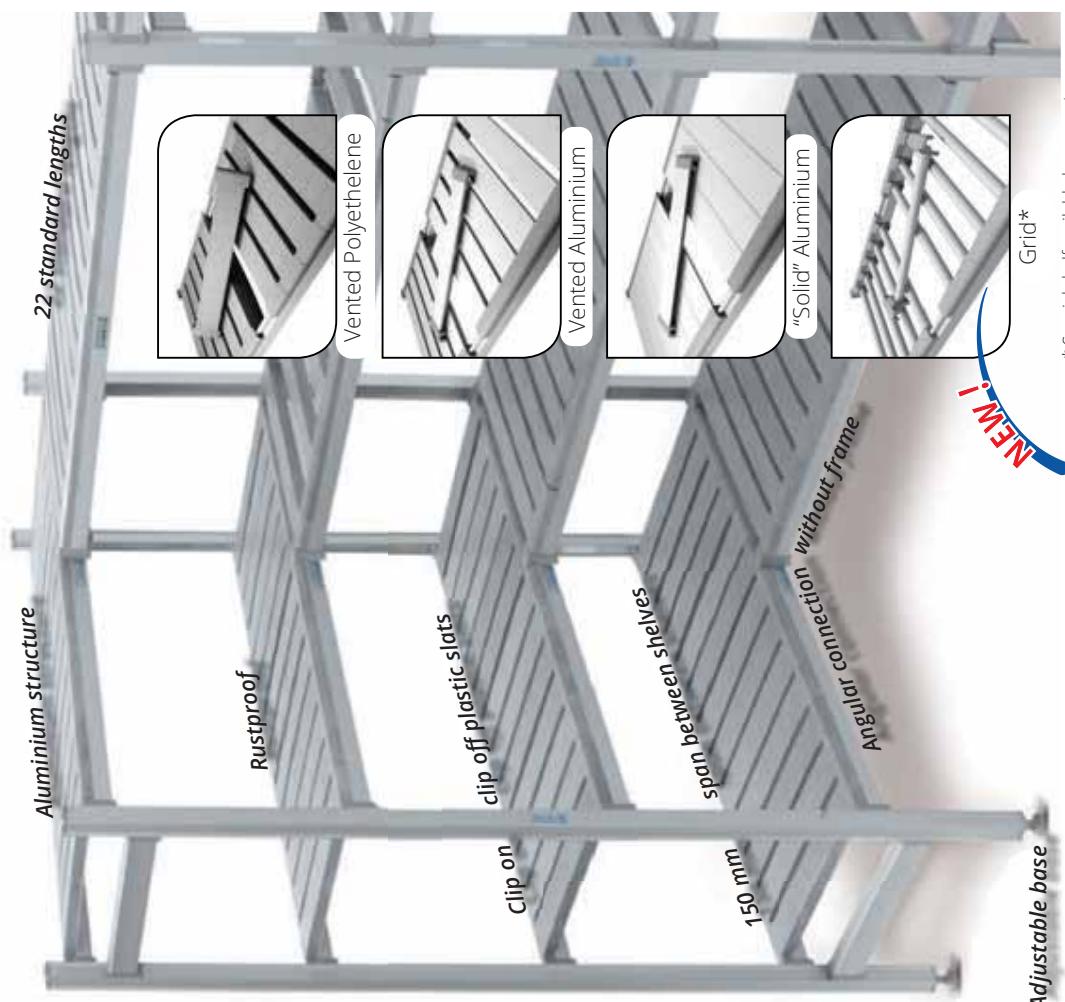
Medical

"THE ORIGINAL"



22 standard lengths

Aluminium structure



* Special shelf available by request

Eko Fit shelving system for food storage

Careful selection of materials

The Eko Fit shelving system has only two types of materials in view: 20 microns anodized aluminum and high-density polyethylene. You will never find an Eko Fit shelving with different materials. Aluminum is easily washable, lightweight and recyclable. In the same way the shelf is made in high density polyethylene slats easily removable and washable; polyethylene is recyclable, lightweight and durable. Both materials are suitable for direct food contact, and are not subject to alterations over time due to moisture, mold, and everything that could be created in the cold rooms.

Designed and built tailored

This innovative storage system is used in small cold rooms but can also be used in large systems, such as in a supermarket or in a wholesale food warehouse. All this thanks to the modularity of the shelving that allows us, in the design phase, to optimize the available space making it suitable for any environment.

Load capacities certifications and hygiene certifications

The Eko Fit shelving system obtained, during the course of time, various certifications: NSF and NF for ease of cleaning and durability, TUV GS for load capacities. All certifications are always visible on each shelf. To maintain these certifications the shelving system and the production process are regularly checked and tested to ensure the authenticity of the product and its compliance over time.

Safe use

Inside cold rooms several hundred kilos of food are stored daily. To avoid breakage of the packaging and ease of storage, the shelves of the Eko Fit shelving system are rounded to avoid as much as possible such incidents.

Quick and easy assembly

The Eko Fit shelving system is very easy to assemble; no special tools are required. The frames and shelves fit together thanks to a patented double peg in order to obtain a more stable and integral coupling as if it were screwed. Every detail has been designed to give continuity to the structures combined with various optional accessories that make it up.

Possibility of changes over time

The special Eko Fit assembly method allows you to quickly and easily change the shape of the shelving system in a few minutes, from a linear composition to a corner unit up to the "U-shape" composition. This is possible especially due to the great modularity (110 different modules for each height) that our shelf is able to satisfy.



Shelving Certifications.

ALL OUR SHELVES ARE EQUIPPED WITH LABELS THAT INDICATE
THE MAXIMUM CAPACITY FOR EACH SHELF.

Annex IV section 1.1.3. of the Consolidated Security (Legislative Decree 81/2008) imposes the obligation to indicating of the maximum permissible loadings in the workplace used as storages. Many business realities are often found using, in fact, equipment storage (shelving of various kinds) which not comply with the regulations cited above, as there are no labels to indicate, in a clear and direct way, the maximum permissible loads on the shelves.

We're talking about a serious problem for two main reasons:

- the warehouse operators operate at risk by placing weights on the shelves unaware of the fact that, if overloaded, the structures may collapse;
- There is the risk of incurring penalties by the competent authorities in case of inspection

Certified load capacity



DATA COMMON TO ALL DEPTHS
(300, 375, 450, 525, 600 MM)

SHELF MAX LOAD CAPACITY

Load capacity (kg)

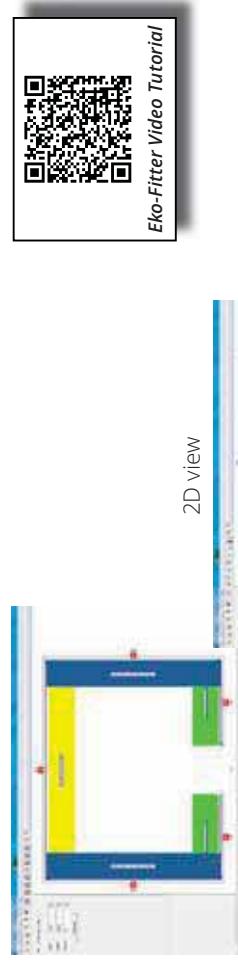
Length mm	Linear	Angular	Slats
400	250	180	5
475	250	180	6
550	250	180	7
625	250	180	8
700	250	180	9
775	250	180	10
850	250	180	11
925	240	170	12
1000	240	170	13
1075	220	150	14
1150	220	150	15
1225	220	150	16
1300	200	140	17
1375	200	140	18
1450	200	140	19
1525	180	125	20
1600	180	125	21
1675	180	125	22
1750	150	100	23
1825	150	100	24
1900	120	85	25
1975	110	75	26



Shelving configurator

With the Eko-Fitter software it's possible to give shelving system quotations within minutes. Fully customizable, Eko-Fitter can make quotations in 2 or 3 dimensions in few minutes for an immediate technical and aesthetical check of the final result

Automatic calculation



Eko-Fitter Video Tutorial

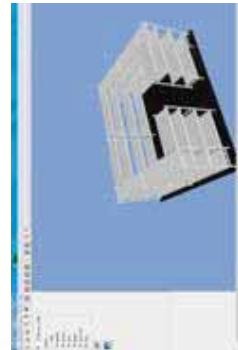
Corner assembly

Special kit for 90° assembly.

Reduce costs and improve accessibility in the corners.

Eliminates the need of additional frames.

Depth 300 / 375 / 450 / 525 / 600 mm



3D view

Assembly

Quick and easy bolt and tool free assembly, the shelves are self-bearing and they don't need any type of anchoring to the floor, wall, transversal or diagonal. Adjustable feet for perfect alignment.

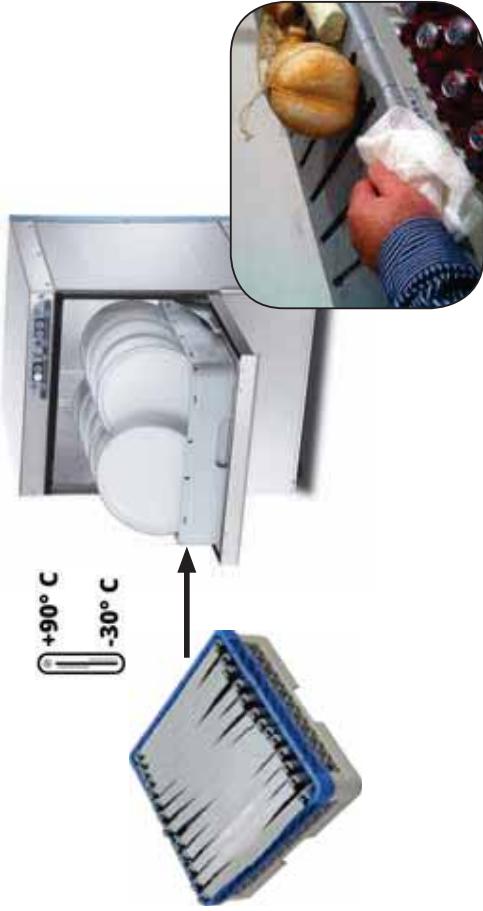


Flat packaging

The Eko Fit shelving system components have single packaging to improve handling and storage management, increasing a lot their rotation index



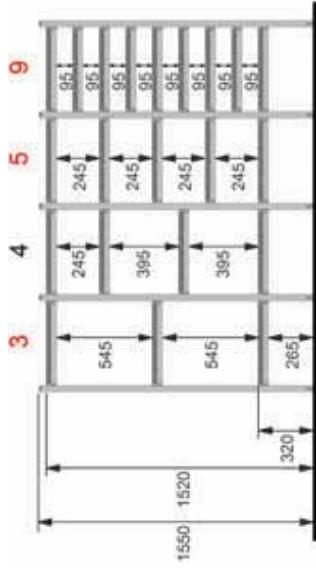
Easy to clean
The Eko Fit shelving system it's easy to clean thanks to the absence of bolts and other parts on the frames. Shelf slats, polyethylene or aluminium, are easy to remove and run through the dishwasher as requested by HACCP.



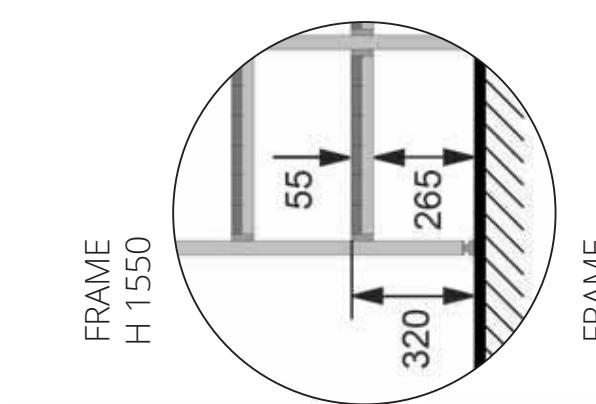
Suggested heights between shelves

- Examples of realizations with different heights between the shelves, according to frames height.
- Minimum span between shelves: 150mm.
- Numbers in red indicates evenly spaced shelves.

Dimensions in mm



FRAME
H 1550



FRAME
H 1700



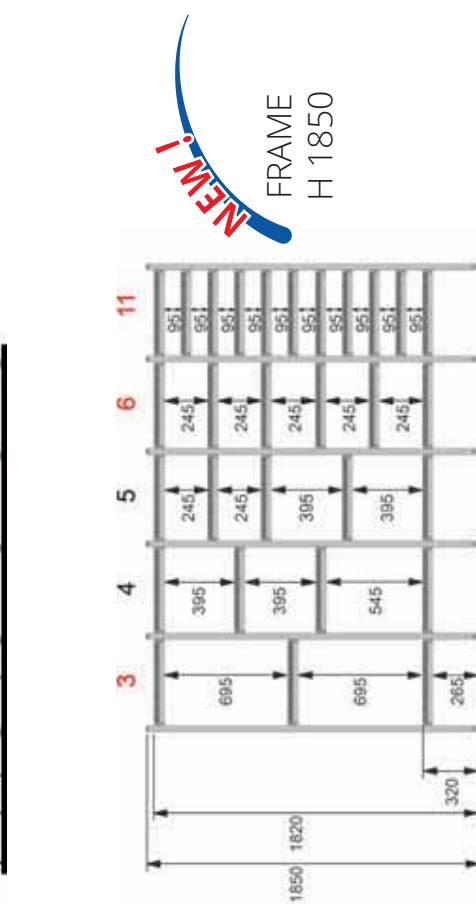
FRAME
H 2000



FRAME
H 2150



FRAME
H 2450



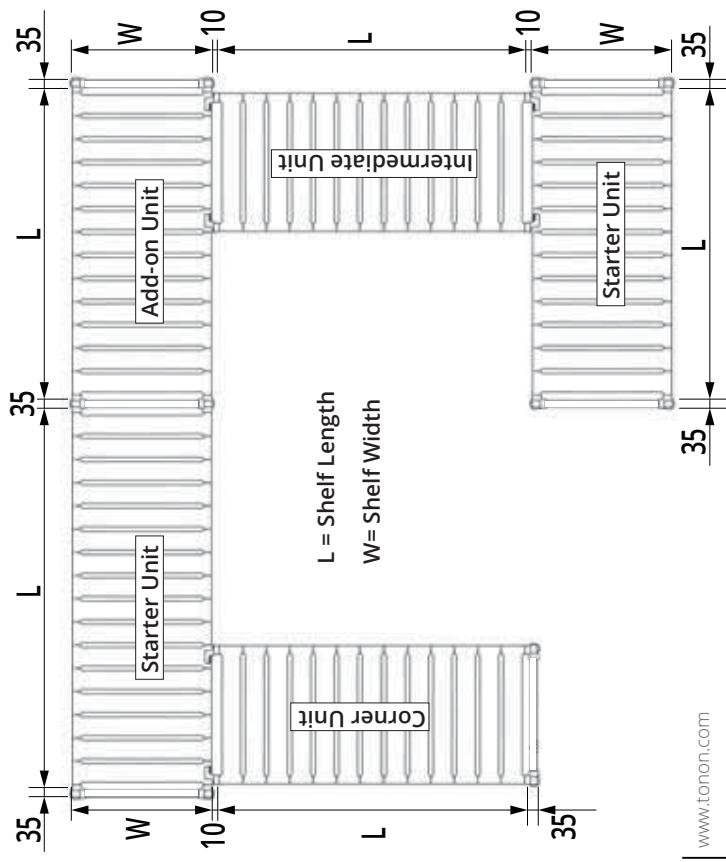
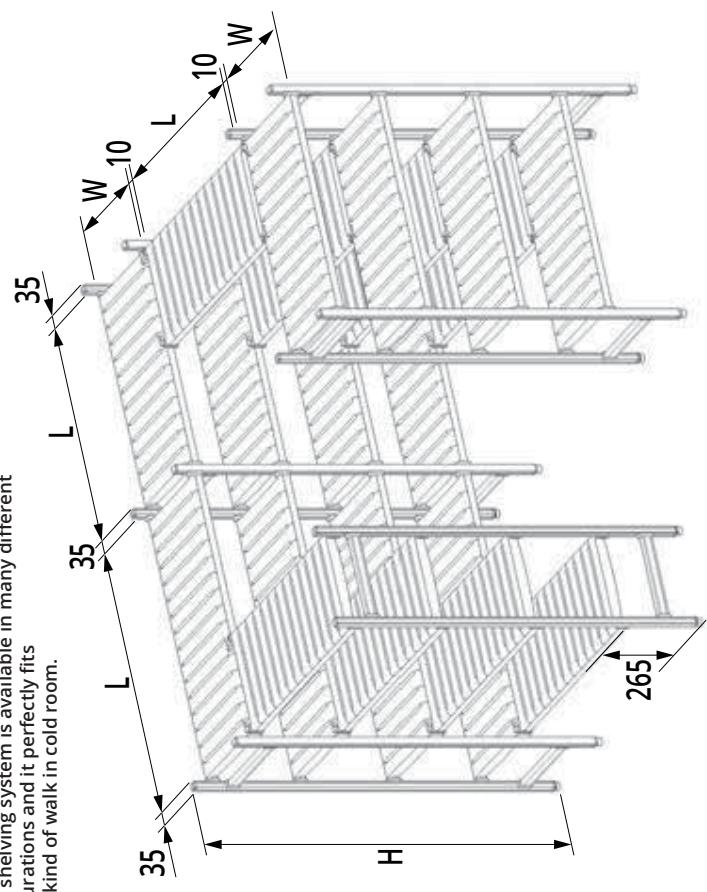
FRAME
H 1850



Dimensions in mm

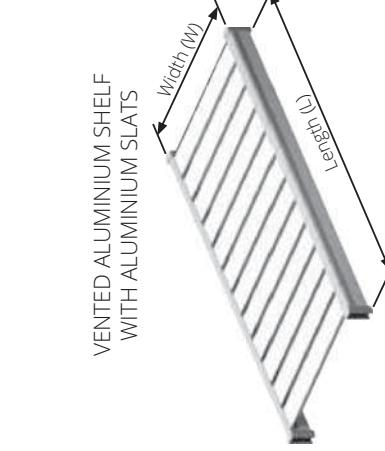
Dimensions

Eko Fit shelving system is available in many different configurations and it perfectly fits in any kind of walk in cold room.



Shelving system components

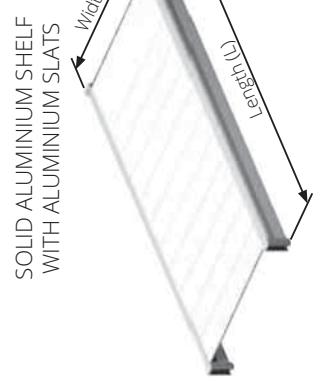
TERMINAL FRAME - ALUMINIUM					
Height mm (H)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFT288	KFT373	KFT448	KFT523	KFT598
1700	KFT300	KFT375	KFT450	KFT525	KFT600
1850	KFT301	KFT376	KFT451	KFT526	KFT601
2000	KFT302	KFT377	KFT452	KFT527	KFT602
2150	KFT303	KFT378	KFT453	KFT528	KFT603
2450	KFT304	KFT379	KFT454	KFT529	KFT604



VENTED ALUMINIUM SHELF
WITH ALUMINIUM SLATS

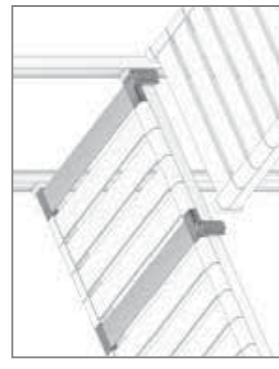
Including 4 connecting brackets to the frames

Length mm (L)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFC298	KFC373	KFC448	KFC523	KFC598
1700	KFC300	KFC375	KFC450	KFC525	KFC600
1850	KFC301	KFC376	KFC451	KFC526	KFC601
2000	KFC302	KFC377	KFC452	KFC527	KFC602
2150	KFC303	KFC378	KFC453	KFC528	KFC603
2450	KFC304	KFC379	KFC454	KFC529	KFC604



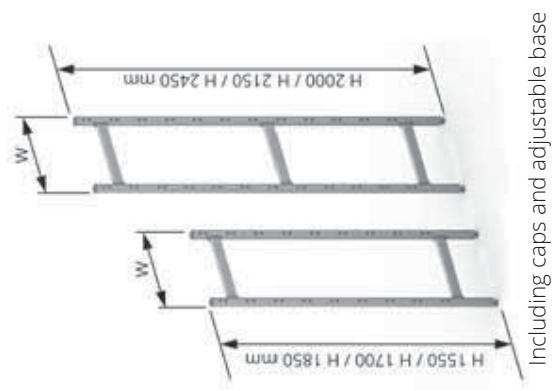
VENTED ALUMINIUM SHELF
WITH ALUMINIUM SLATS

Including 4 connecting brackets to the frames



VENTED ALUMINIUM SHELF WITH ALUMINIUM SLATS

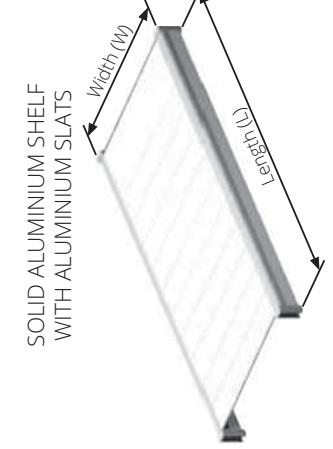
Length mm (L)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFC298	KFC373	KFC448	KFC523	KFC598
1700	KFC300	KFC375	KFC450	KFC525	KFC600
1850	KFC301	KFC376	KFC451	KFC526	KFC601
2000	KFC302	KFC377	KFC452	KFC527	KFC602
2150	KFC303	KFC378	KFC453	KFC528	KFC603
2450	KFC304	KFC379	KFC454	KFC529	KFC604



Including caps and adjustable base

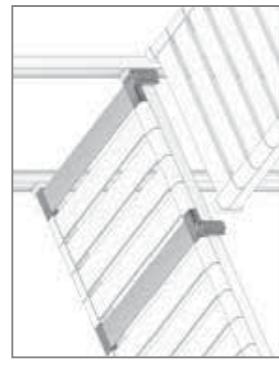
SOLID ALUMINIUM SHELF WITH ALUMINIUM SLATS

Length mm (L)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFL292	KFL367	KFL442	KFL517	KFL592
1700	KFL294	KFL369	KFL444	KFL519	KFL594
1850	KFL296	KFL371	KFL446	KFL521	KFL596
2000	KFL298	KFL373	KFL448	KFL523	KFL598
2150	KFL300	KFL375	KFL450	KFL525	KFL600
2450	KFL302	KFL377	KFL452	KFL527	KFL602
2550	KFL304	KFL379	KFL454	KFL529	KFL604
2750	KFL306	KFL381	KFL456	KFL531	KFL606
3000	KFL308	KFL383	KFL458	KFL533	KFL608
3150	KFL310	KFL385	KFL460	KFL535	KFL610
3300	KFL312	KFL387	KFL462	KFL537	KFL612
3450	KFL314	KFL389	KFL464	KFL539	KFL614
3600	KFL316	KFL391	KFL466	KFL541	KFL616
3750	KFL318	KFL393	KFL468	KFL543	KFL618
3900	KFL320	KFL395	KFL470	KFL547	KFL620
4150	KFL322	KFL397	KFL472	KFL547	KFL622
4300	KFL324	KFL399	KFL474	KFL549	KFL624
4450	KFL326	KFL401	KFL476	KFL551	KFL626
4600	KFL328	KFL403	KFL478	KFL553	KFL628
4850	KFL330	KFL405	KFL480	KFL555	KFL630
5000	KFL332	KFL407	KFL482	KFL557	KFL632
5150	KFL334	KFL409	KFL484	KFL559	KFL634



SOLID ALUMINIUM SHELF
WITH ALUMINIUM SLATS

Including 4 connecting brackets to the frames



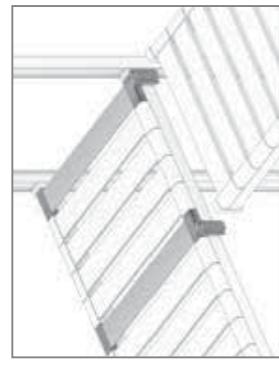
VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Length mm (L)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFS292	KFS367	KFS442	KFS517	KFS592
1700	KFS294	KFS369	KFS444	KFS519	KFS592
1850	KFS296	KFS371	KFS446	KFS521	KFS594
2000	KFS298	KFS373	KFS448	KFS523	KFS596
2150	KFS300	KFS375	KFS450	KFS525	KFS598
2450	KFS302	KFS377	KFS452	KFS527	KFS600
2550	KFS304	KFS379	KFS454	KFS529	KFS602
2750	KFS306	KFS381	KFS456	KFS531	KFS604
3000	KFS308	KFS383	KFS458	KFS533	KFS606
3150	KFS310	KFS385	KFS460	KFS535	KFS608
3300	KFS312	KFS387	KFS462	KFS537	KFS610
3450	KFS314	KFS389	KFS464	KFS541	KFS612
3600	KFS316	KFS391	KFS466	KFS543	KFS614
3750	KFS318	KFS393	KFS468	KFS545	KFS616
3900	KFS320	KFS395	KFS470	KFS547	KFS618
4150	KFS322	KFS397	KFS472	KFS547	KFS620
4300	KFS324	KFS399	KFS474	KFS549	KFS622
4450	KFS326	KFS401	KFS476	KFS551	KFS624
4600	KFS328	KFS403	KFS478	KFS553	KFS626
4850	KFS330	KFS405	KFS480	KFS555	KFS628
5000	KFS332	KFS407	KFS482	KFS557	KFS630
5150	KFS334	KFS409	KFS484	KFS559	KFS632



VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Including 4 connecting brackets to the frames



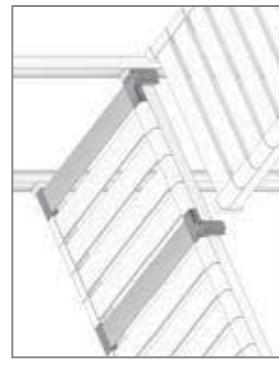
VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Length mm (L)	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
1550	KFS292	KFS367	KFS442	KFS517	KFS592
1700	KFS294	KFS369	KFS444	KFS519	KFS592
1850	KFS296	KFS371	KFS446	KFS521	KFS594
2000	KFS298	KFS373	KFS448	KFS523	KFS596
2150	KFS300	KFS375	KFS450	KFS525	KFS598
2450	KFS302	KFS377	KFS452	KFS527	KFS600
2550	KFS304	KFS379	KFS454	KFS529	KFS602
2750	KFS306	KFS381	KFS456	KFS531	KFS604
3000	KFS308	KFS383	KFS458	KFS533	KFS606
3150	KFS310	KFS385	KFS460	KFS535	KFS608
3300	KFS312	KFS387	KFS462	KFS537	KFS610
3450	KFS314	KFS389	KFS464	KFS541	KFS612
3600	KFS316	KFS391	KFS466	KFS543	KFS614
3750	KFS318	KFS393	KFS468	KFS545	KFS616
3900	KFS320	KFS395	KFS470	KFS547	KFS618
4150	KFS322	KFS397	KFS472	KFS547	KFS620
4300	KFS324	KFS399	KFS474	KFS549	KFS622
4450	KFS326	KFS401	KFS476	KFS551	KFS624
4600	KFS328	KFS403	KFS478	KFS553	KFS626
4850	KFS330	KFS405	KFS480	KFS555	KFS628
5000	KFS332	KFS407	KFS482	KFS557	KFS630
5150	KFS334	KFS409	KFS484	KFS559	KFS632



SOLID ALUMINIUM SHELF
WITH POLYETHYLENE SLATS

Including 4 connecting brackets to the frames



ALUMINIUM CORNER KIT

Shelf type	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
Ventilated	KFA300	KFA375	KFA450	KFA525	KFA600
Solid	KFP300	KFP375	KFP450	KFP525	KFP600

POLYETHYLENE CORNER KIT

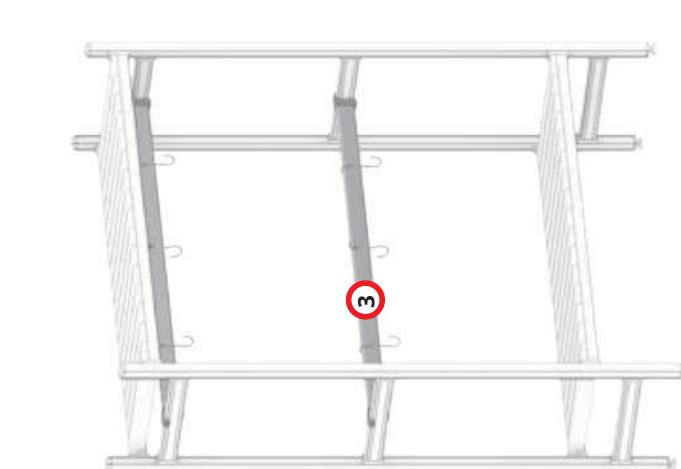
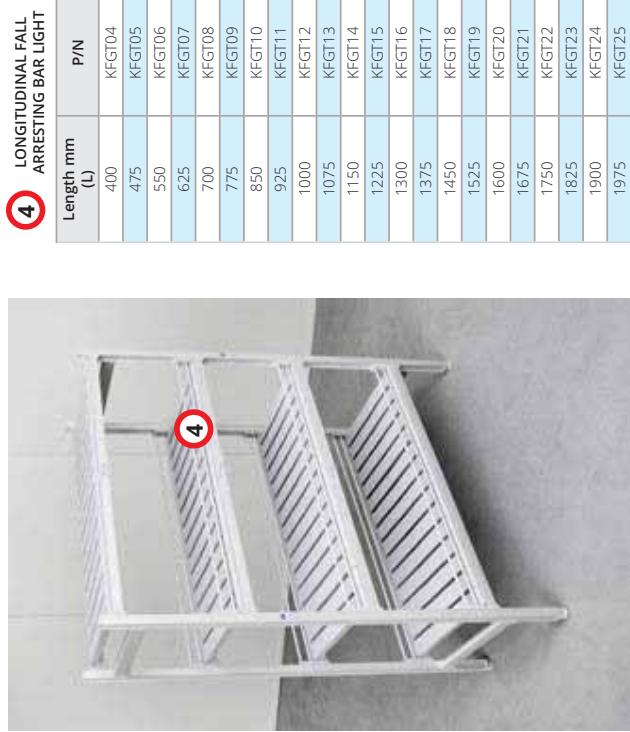
Shelf type	300	375	450	525	600
P/N	P/N	P/N	P/N	P/N	P/N
Ventilated	KFA300	KFA375	KFA450	KFA525	KFA600
Solid	KFP300	KFP375	KFP450	KFP525	KFP600

Hanging bars

Fall arresting bars

① INNER UPRIGHTS HANGING BARS		
Length mm (L)	P/N	
400	KFG004	
475	KFG005	
550	KFG006	
625	KFG007	
700	KFG008	
775	KFG009	
850	KFG010	
925	KFG011	
1000	KFG012	
1075	KFG013	
1150	KFG014	
1225	KFG015	
1300	KFG016	
1375	KFG017	
1450	KFG018	
1525	KFG019	
1600	KFG020	
1675	KFG021	
1750	KFG022	
1825	KFG023	
1900	KFG024	
1975	KFG025	

② LONGITUDINAL FALL ARRESTING BAR		
Length mm (L)	P/N	
400	KFG004	
475	KFG005	
550	KFG006	
625	KFG007	
700	KFG008	
775	KFG009	
850	KFG010	
925	KFG011	
1000	KFG012	
1075	KFG013	
1150	KFG014	
1225	KFG015	
1300	KFG016	
1375	KFG017	
1450	KFG018	
1525	KFG019	
1600	KFG020	
1675	KFG021	
1750	KFG022	
1825	KFG023	
1900	KFG024	
1975	KFG025	



Accessories

Shelving System



"S" SHAPED STAINLESS STEEL HOOK		
P/N	Description	
SPX313	"S" shaped stainless steel hook H160 mm, Ø6 mm, for hanging bars	

POLYETHYLENE HOOK

P/N	Description
KFS300	Polyethylene hook, 50 kg load capacity, for hanging bars

FIXING FRAMES TO THE WALLS

P/N	Description
KFSPF2	Stainless steel bracket for fixing frames to the wall (nuts and bolts not included)



SEALING HOLES STICKY LABELS

P/N	Description
KFSET2	5 sealing holes sticky labels (pack of 10 pcs)



WEIGHT DISTRIBUTION PLATE

P/N	Description
KFSRC2	Weight distribution plate on floors (rubber gasket included)



ADJUSTABLE BASE WITH FLOOR/CEILING PIN

P/N	Description
KFBPS2	Adjustable base with floor or ceiling pin (rubber gasket included)

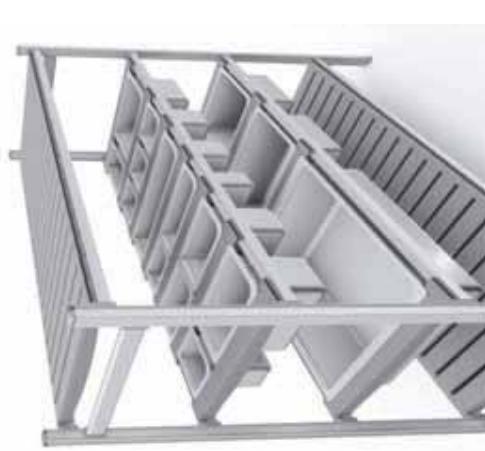


MATCHING FRAMES BRACKET

P/N	Description
KFSAS2	Stainless steel matching frame bracket (matched towards depth)



DUNNAGE STANDS (Only with shelf H 320 mm from the ground)		
	Width mm	
300 (W)	375 (W)	450 (W)
KFRR30	KFRR37	KFRR45
		525 (W)
		KFRR52
		600 (W)
		KFRR60



STICKY LABELS FOR SLATS G/N GASTRONORM

P/N	Description
KFGS12	12 sticky labels for slats for GN from 1/1 to 1/9 (2 each slot)

Accessories

Shelving System

MARKER	Shelf type	Width 300 (W)	Width 375 (W)	Width 450 (W)	Width 600 (W)
POLYETHYLENE	KFD30	KFD37	KFD45	KFD60	
VENTED ALUMINIUM	KFL37	KFL45	KFL52	KFL60	
SOLID ALUMINIUM	KFP37	KFP45	KFP52	KFP60	



HANGING SLATS

HANGING SLATS	Shelf type	Width 300 (W)	Width 375 (W)	Width 450 (W)	Width 600 (W)
POLYETHYLENE	KFEB30	KFEB37	KFEB45	KFEB60	
VENTED ALUMINIUM	-	-	-	-	
SOLID ALUMINIUM	-	-	-	-	



SECURITY CAGE

SECURITY CAGE	P/N	Description
	KFGD55	Stainless steel security cage (920 x 600x H 390 mm) - lock not included



FOODPANS GASTRONORM KIT (only 375 width)

FOODPANS GASTRONORM KIT (only 375 width)	Shelf type	Width 300 (W)	Width 375 (W)	Width 450 (W)	Width 600 (W)
POLYETHYLENE	KFG537	-	-	-	-
VENTED ALUMINIUM	-	-	-	-	-
SOLID ALUMINIUM	-	-	-	-	-



BOTTLE RACK (only for vented shelves)

BOTTLE RACK (only for vented shelves)	Shelf type	Art.	Description
POLYETHYLENE	KPTB5	205 x 235 x H 30 mm	
VENTED ALUMINIUM	-	-	



EKO FIT SAMPLE KIT

EKO FIT SAMPLE KIT	P/N	Description
	KFCMD1	395 x 300 x H 640 mm



TRAY SLIDE RACK	P/N	Description
	KRMPV5	Stainless steel GN tray slide rack (410 x 600x H 390 mm)

Cash & Carry kit

The package contains one complete Eko Fit shelving.
It's made of 2 frames and 4 shelves.
Overall dimensions are 995 x 375 x H1700 (mm) - Art.FS3714

...stain/less skill/...

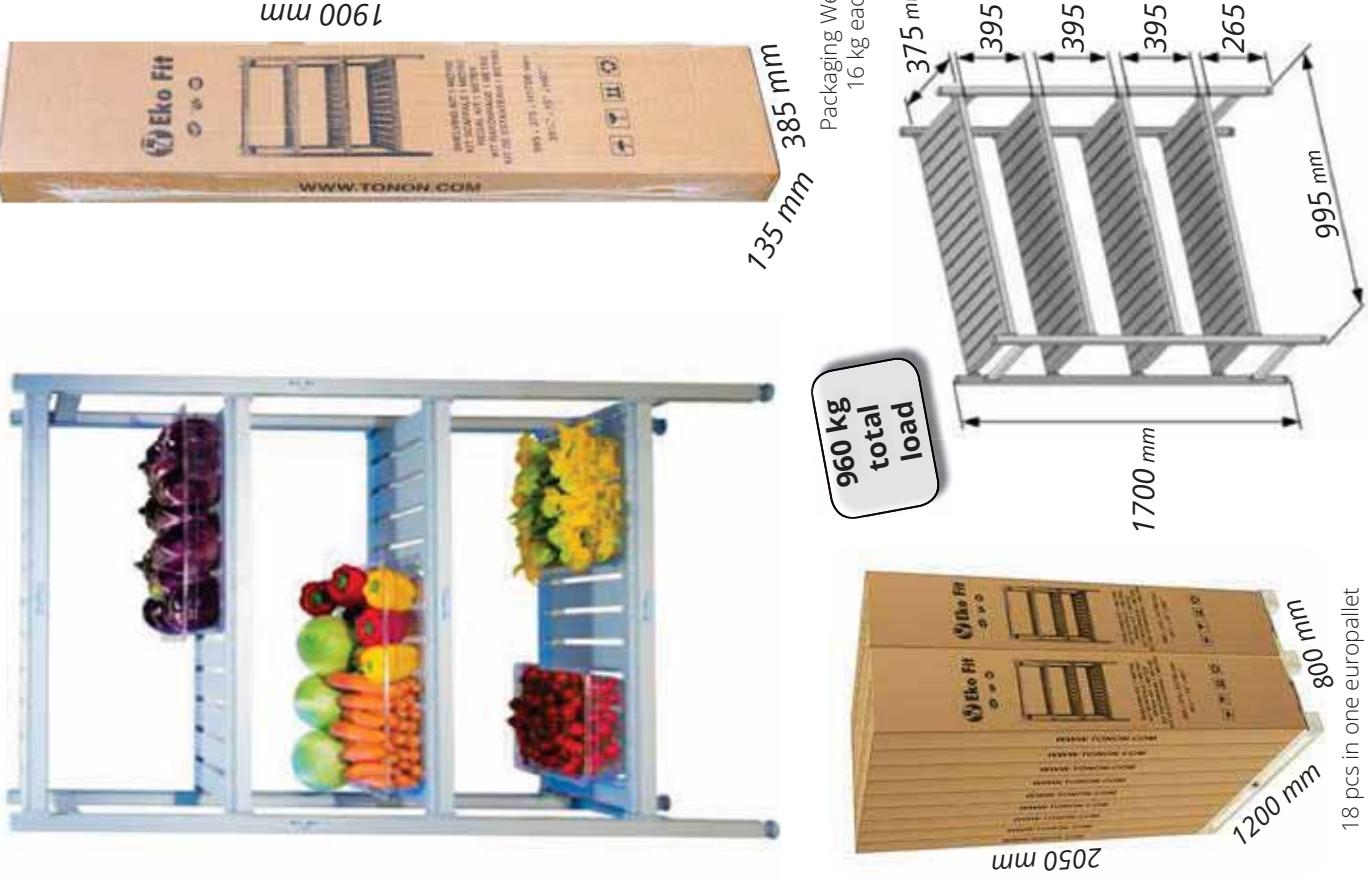


Eko Fit Assembly



CASH & CARRY KIT	Dimensions
P/N FS3714	995 x 375 x H1700 mm

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NEW!

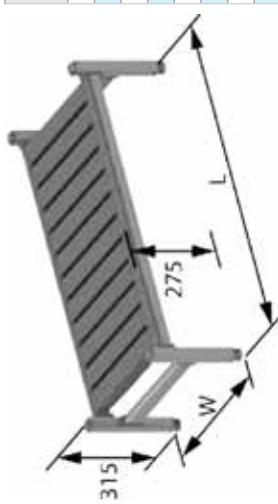
Mobile shelving

Shelving System

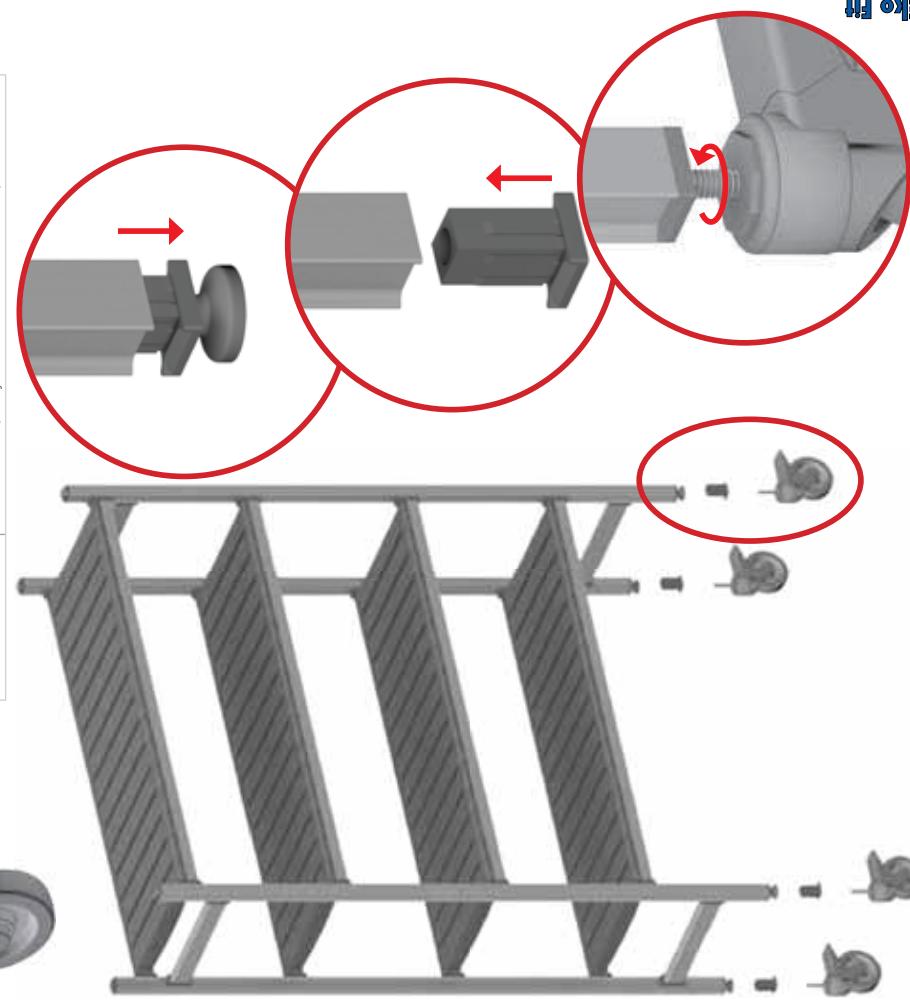
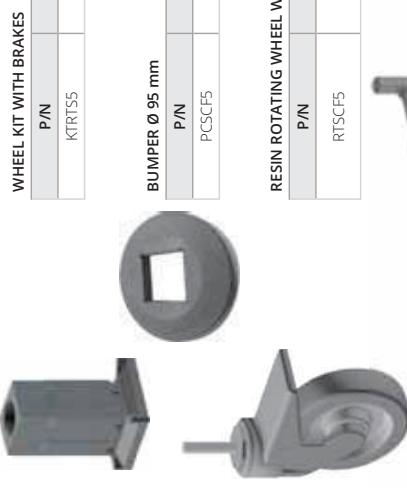
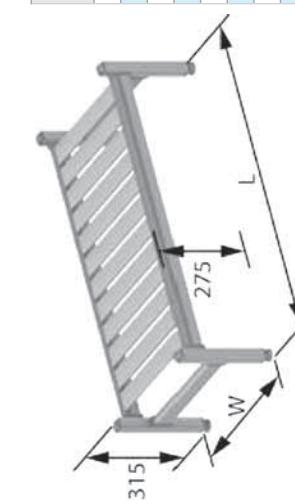
Adding 4 wheels with brakes, a fixed shelving system can be transformed into a mobile shelving in three simple steps. Ideal for light movements. Total max load capacity is 125 kg.*
By adding the wheel kit and the rotating wheel the shelving system increases its height of 135 mm.
For high load capacities, we recommend using our trolleys at page. 42

BENCH WITH POLYETHYLENE SLATS			
Length mm (L)	Load capacity kg	Width mm (W)	
995	240	KFBS40	KFBS50
1070	220	KFBS41	KFBS51
1145	220	KFBS42	KFBS52
1220	220	KFBS43	KFBS53
1295	200	KFBS44	KFBS54
1370	200	KFBS45	KFBS55
1445	200	KFBS46	KFBS56
1520	180	KFBS47	KFBS57

BENCH WITH VENTED ALUMINIUM SLATS			
Length mm (L)	Load capacity kg	Width mm (W)	
995	240	KFBL40	KFBL50
1070	220	KFBL41	KFBL51
1145	220	KFBL42	KFBL52
1220	220	KFBL43	KFBL53
1295	200	KFBL44	KFBL54
1370	200	KFBL45	KFBL55
1445	200	KFBL46	KFBL56
1520	180	KFBL47	KFBL57
			KFBL67



BENCH WITH VENTED ALUMINIUM SLATS			
Length mm (L)	Load capacity kg	Width mm (W)	
995	240	KFBL40	KFBL50
1070	220	KFBL41	KFBL51
1145	220	KFBL42	KFBL52
1220	220	KFBL43	KFBL53
1295	200	KFBL44	KFBL54
1370	200	KFBL45	KFBL55
1445	200	KFBL46	KFBL56
1520	180	KFBL47	KFBL57
			KFBL67



Benches

Dimensions in mm



Aluminium high density
shelving system



HIGH DENSITY SHELVING SYSTEM

The high density shelving system allows a better exploitation of the space increasing the storage capacity compared to a normal fixed shelving. Build with 20 micron anodized aluminium, the shelving is entirely steel and ideal for cold storage. Slats of the shelves are removable and dishwasher safe. Developable indefinitely in width and length.

The slats are available in polyethylene or aluminium, certified for direct food contact. Polyethylene is non-toxic, chemical resistant and with low hygroscopic absorption. All hardware is stainless steel and is hidden within the structure itself.

Resistant to wear over time and insensitive to temperature changes. The Eko Fit assembly does not require the use of any tool.



*High Density
Shelving System*

10000 mm

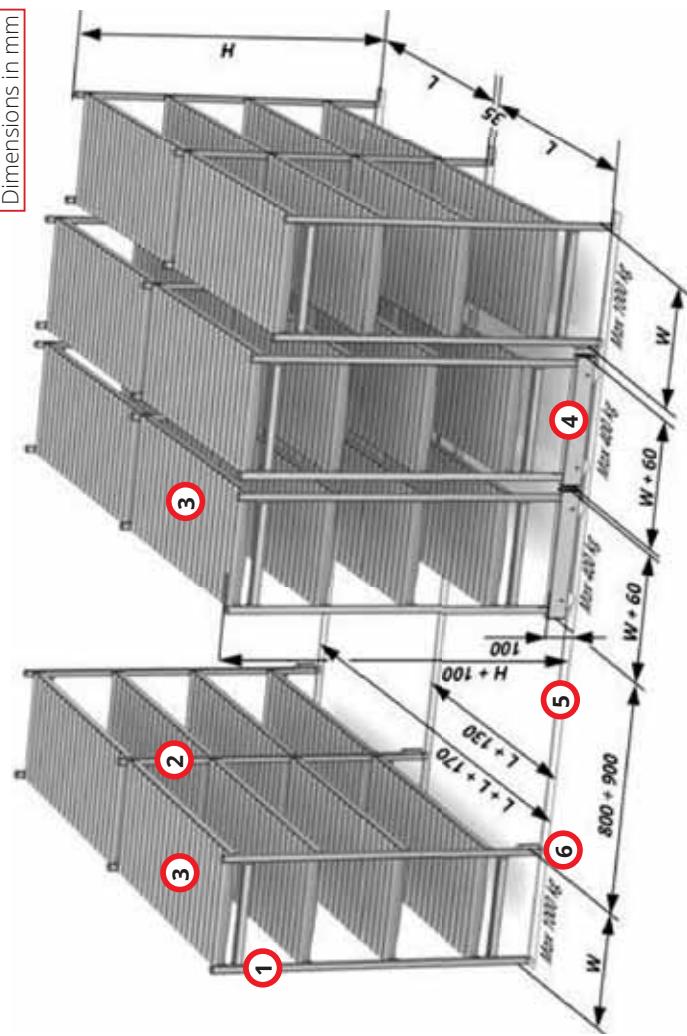
4500 mm

H

H = 1650 / 1800 / 1950 / 2100 / 2250 mm

High density shelving system with lower rail

Dimensions in mm



- 1 Spalla Terminalie
- 2 Central Frame
- 3 Vented Shelf

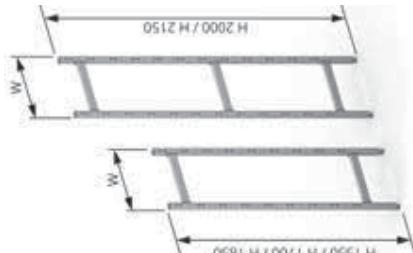
High density shelving system with lower rail - Components

ALUMINUM TERMINAL FRAME H 1550 / 1700 / 1850 / 2000 / 2150 *						
Pos.	Height mm (H)	Width mm (W)				
		300	375	450	525	600
1	1550	KFT298	KFT373	KFT448	KFT523	KFT598
	1700	KFT300	KFT375	KFT450	KFT525	KFT600
	1850	KFT302	KFT376	KFT451	KFT526	KFT601
	2000	KFT303	KFT377	KFT452	KFT527	KFT602
2	2150	KFT303	KFT378	KFT453	KFT528	KFT603

* FOR EACH FRAME ALWAYS ADD PIN 2PC/GHD

ALUMINUM CENTRAL FRAME H 1550 / 1700 / 1850 / 2000 / 2150 *						
Pos.	Height mm (H)	Width mm (W)				
		300	375	450	525	600
2	1550	KFC298	KFC373	KFC448	KFC523	KFC598
	1700	KFC300	KFC375	KFC450	KFC525	KFC600
	1850	KFC301	KFC376	KFC451	KFC526	KFC601
	2000	KFC302	KFC377	KFC452	KFC527	KFC602
3	2150	KFC303	KFC378	KFC453	KFC528	KFC603

AL P



VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Only for fixed frames		Width mm (W)					
Pos.	Length mm (L)	300	375	450	525	600	
	700	KFS300	KFS375	KFS450	KFS525	KFS600	
	775	KFS302	KFS377	KFS452	KFS527	KFS602	
	850	KFS304	KFS379	KFS454	KFS529	KFS604	
	925	KFS306	KFS381	KFS456	KFS531	KFS606	
	1000	KFS308	KFS383	KFS458	KFS533	KFS608	
	1075	KFS310	KFS385	KFS460	KFS535	KFS605	
	1150	KFS312	KFS387	KFS600	KFS537	KFS602	
	1225	KFS314	KFS389	KFS602	KFS539	KFS604	
	1300	KFS316	KFS391	KFS604	KFS541	KFS606	
	1375	KFS318	KFS393	KFS606	KFS543	KFS608	
	1450	KFS320	KFS395	KFS608	KFS545	KFS610	
	1525	KFS322	KFS397	KFS610	KFS547	KFS612	

VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS
Only for mobile frames

Pos.	Length mm (L)	Width mm (W)				
		300	375	450	525	600
	700	-	-	KF5450	KF5525	KF5462
	775	-	-	KF5452	KF5527	KF5464
	850	-	-	KF5454	KF5529	KF5466
	925	-	-	KF5456	KF5531	KF5468
	1000	-	-	KF5458	KF5533	KF5470
	1075	-	-	KF5460	KF5535	KF5472
	1150	-	-	KF5600	KF5537	KF5612
	1225	-	-	KF5602	KF5539	KF5614
	1300	-	-	KF5604	KF5541	KF5616
	1375	-	-	KF5606	KF5543	KF5618
	1450	-	-	KF5608	KF5545	KF5620
	1525	-	-	KF5610	KF5547	KF5622

STAINLESS STEEL ROLLER UNIT

Ref.	P/N	Description
	B54HD	Stainless steel roller unit width 450 mm
	B552HD	Stainless steel roller unit width 525 mm
	B560HD	Stainless steel roller unit width 600 mm

ALUMINIUM LOWER RAIL

Pos.	P/N	Description
5	SGP8HHD	2 bars rail 8 m (4 + 4)
	SGPMHHD	Tailor made rail

PARACOLPI IN GOMMA

Pos.	P/N	Description
6	2PCGHD	2 rubber bumper for HD shelving system

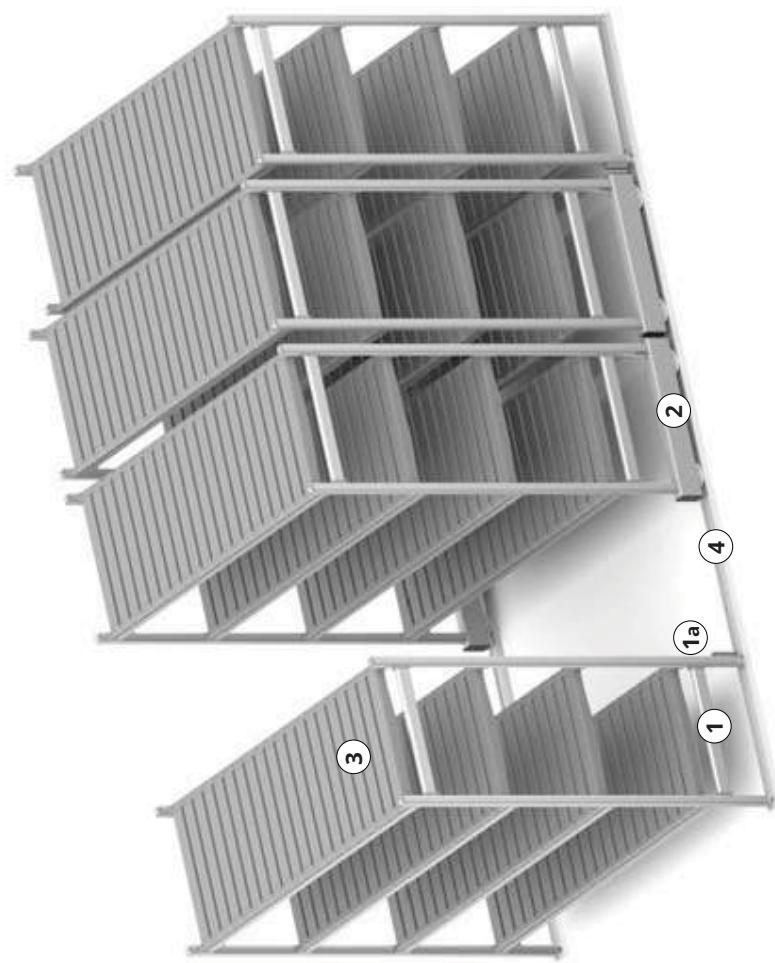
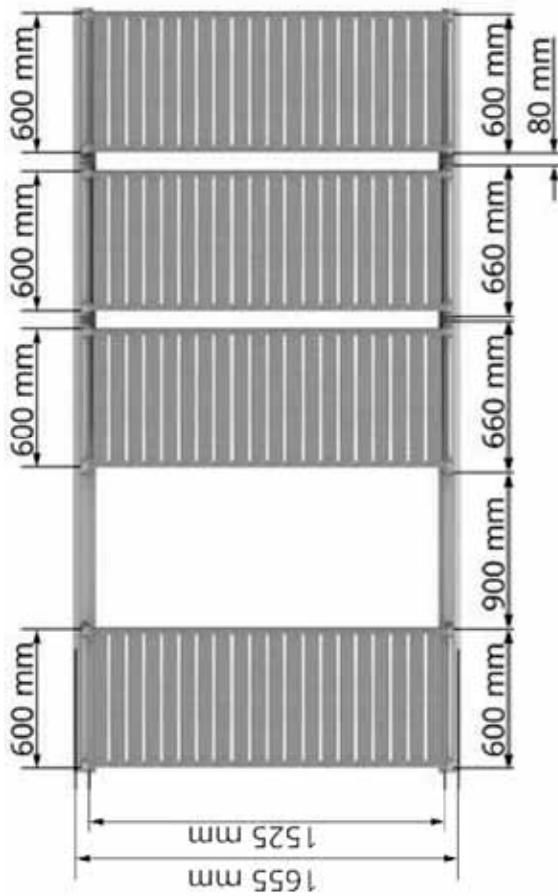
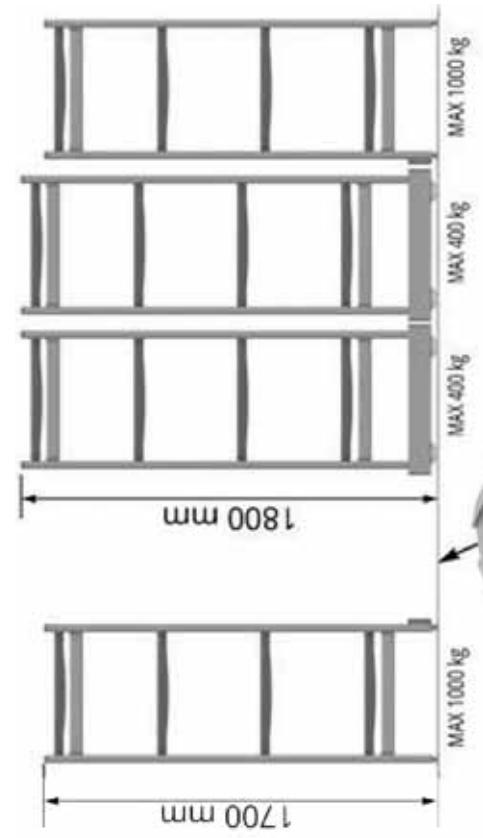


In case you want to further secure the lower rail, you can order the couple end stops P/N 2AGPHD

Installation example

High density shelving system with lower rail

- ❑ Cold room length = 3.5 metre, with lower rail.
- ❑ Frames height H 1700 mm.
- ❑ Shelf type = 600 x 1525 mm.
- ❑ Load capacity 1000 kg for fixed frames.
- ❑ Load capacity 400 kg for mobile frames.

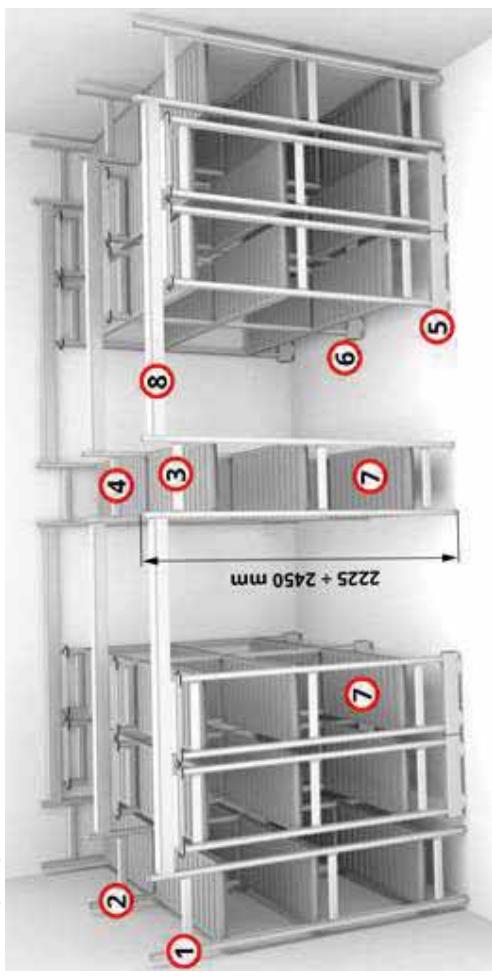


Components necessary for assembly

- | | | | |
|-----------|--------------|---|---|
| 1 | n° 4 | Terminal frame | P/N KFT600, anodized aluminium. |
| 1a | 2 | rubber bumper for HD shelving system | P/N 2PGHD, thermoplastic material |
| 2 | n° 4 | Roller unit | P/N BS60HD, stainless steel. |
| 3 | n° 16 | Vented aluminium shelf with polyethylene slats | P/N KFS622, 600x1525 mm, HDPE polyethylene. |
| 4 | 7 m | Tailor made lower rail (3.5 m x 2) | P/N SGPMHD, anodized aluminium. |

High density shelving system with upper rail

The Eko Fit high density shelving system with upper rail is the perfect product for those who do not want impediments on the ground. As the modular shelving is fully customizable in length, depth and height. The high density shelving system with upper rail is also very popular for its incredible strength and great load capacity.



- ① Fixed terminal frame
- ② Fixed central frame
- ③ Fixed intermediate terminal frame
- ④ Fixed intermediate central frame
- ⑤ Mobile terminal frame
- ⑥ Mobile central frame
- ⑦ Vented shelf
- ⑧ Upper rail



High density shelving system with upper rail components

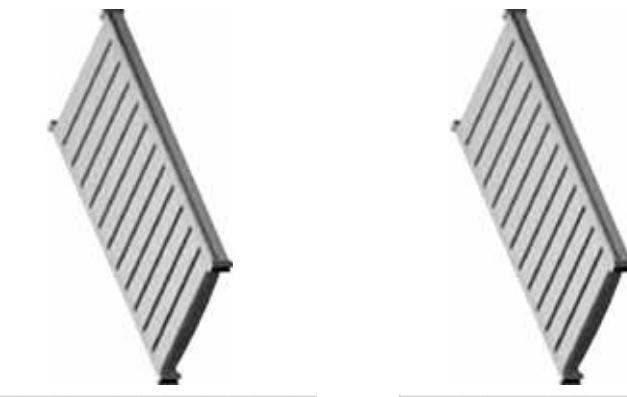
FIXED FRAME (with rubber bumpers included)

Pos.	P/N	Description
1	SFT300	Terminal fixed frame H 2450 - L 300
	SFT375	Terminal fixed frame H 2450 - L 375
1	SFT450	Terminal fixed frame H 2450 - L 450
	SFT525	Terminal fixed frame H 2450 - L 525
1	SFT600	Terminal fixed frame H 2450 - L 600
	SFT300	Central fixed frame H 2450 - L 300
2	SFC375	Central fixed frame H 2450 - L 375
	SFC450	Central fixed frame H 2450 - L 450
2	SFC525	Central fixed frame H 2450 - L 525
	SFC600	Central fixed frame H 2450 - L 600
3	SFT160	Terminal intermediate fixed frame H 2450 - L 1600
	SFT130	Central intermediate fixed frame H 2450 - L 1300
3	SFT137	Central intermediate fixed frame H 2450 - L 375
	SFT145	Terminal intermediate fixed frame H 2450 - L 450
3	SFT152	Terminal intermediate fixed frame H 2450 - L 525
	SFC160	Central intermediate fixed frame H 2450 - L 600

SPECIAL DIMENSIONS AVAILABLE BY REQUEST

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High Density Shelving System



MOBILE FRAME		P/N	Description
Pos.			
5	SMT450	Terminal mobile frame H 2000 - L 450	
	SMT525	Terminal mobile frame H 2000 - L 525	
	SMT600	Terminal mobile frame H 2000 - L 600	
6	SMC450	Central mobile frame H 2000 - L 450	
	SMC525	Central mobile frame H 2000 - L 525	
	SMG600	Central mobile frame H 2000 - L 600	

SPECIAL DIMENSIONS AVAILABLE BY REQUEST

VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Only for fixed frames

Pos.	Length mm (L)	Width mm (W)			
		300	375	450	525
7	700	KFS300	KFS375	KFS450	KFS525
	775	KFS302	KFS377	KFS452	KFS527
	850	KFS304	KFS379	KFS454	KFS529
	925	KFS306	KFS381	KFS456	KFS531
	1000	KFS308	KFS383	KFS458	KFS533
	1075	KFS310	KFS385	KFS460	KFS535
	1150	KFS312	KFS387	KFS600	KFS537
	1225	KFS314	KFS389	KFS602	KFS539
	1300	KFS316	KFS391	KFS604	KFS541
	1375	KFS318	KFS393	KFS606	KFS543
	1450	KFS320	KFS395	KFS608	KFS545
	1525	KFS322	KFS397	KFS610	KFS547

VENTED ALUMINIUM SHELF WITH POLYETHYLENE SLATS

Only for mobile frames

Pos.	Length mm (L)	Width mm (W)			
		300	375	450	525
7	700	-	-	KFS450	KFS525
	775	-	-	KFS452	KFS527
	850	-	-	KFS454	KFS529
	925	-	-	KFS456	KFS531
	1000	-	-	KFS458	KFS533
	1075	-	-	KFS460	KFS535
	1150	-	-	KFS600	KFS612
	1225	-	-	KFS602	KFS614
	1300	-	-	KFS604	KFS616
	1375	-	-	KFS606	KFS618
	1450	-	-	KFS608	KFS620
	1525	-	-	KFS610	KFS622

Pos.	P/N	Description
8	S90MCP	Aluminium tailor made upper rail H 90

SPECIAL DIMENSIONS AVAILABLE BY REQUEST

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Aluminium trolleys



ALUMINIUM TROLLEYS

Designed to combine the lightness and ease of handling with the toughness.
The structure is completely in anodized aluminium with 4 wheels with brakes and bumpers made of resin.
The shelves are constituted by removable slats for fast and easy cleaning.



4 shelves trolley H 1800 mm
+ rubber bumper
(P/N CSRP33 + P/N PCSCF5)

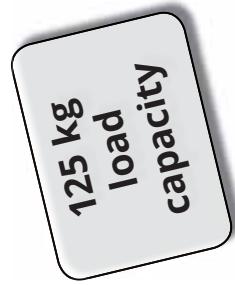


Display trolley H 1800 mm
with 3 polyethylene shelves
P/N CE2315

Trolleys



Close-up of rotating caster
wheels with brake.

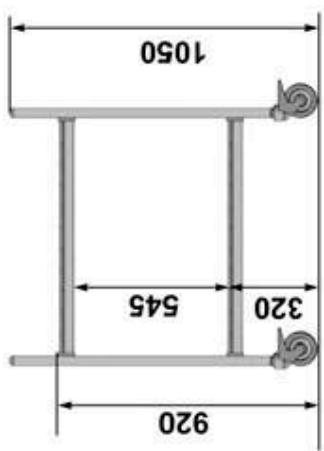


Service trolley H 1050 mm
+ Fall arresting bars light
(P/N CS3383 + P/N KFGT12)

Aluminium trolleys - H 1050 mm

Dimensions in mm

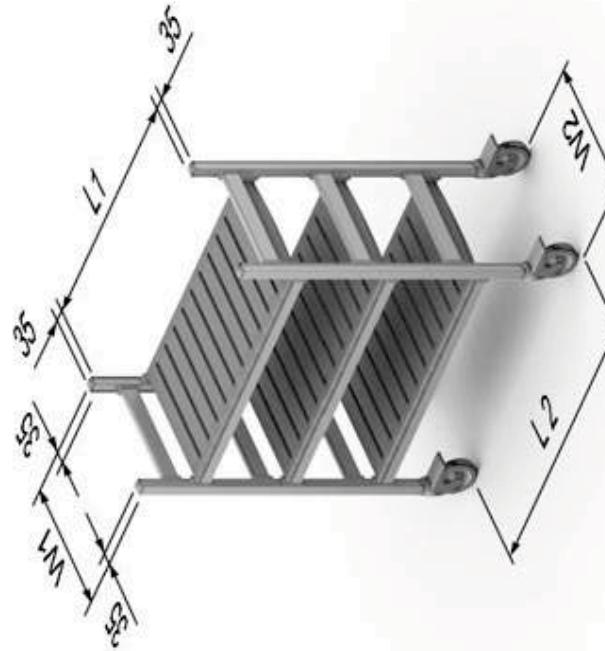
SERVICE TROLLEY H 1050 WITH 2 SHELVES WITH POLYETHYLENE SLATS				
P/N	L2	W2	L1	W1
CS2377	900	435	775	375
CS2383	11125	435	1000	375
CS2452	900	510	775	450
CS2458	11125	510	1000	450
CS2527	900	585	775	525
CS2533	11125	585	1000	525
CS3602	900	660	775	600
CS3608	11125	660	1000	600



SERVICE TROLLEY H 1050 WITH 3 SHELVES
WITH POLYETHYLENE SLATS

SERVICE TROLLEY H 1050 WITH 3 SHELVES WITH POLYETHYLENE SLATS				
P/N	L2	W2	L1	W1
CS3377	900	435	775	375
CS3383	11125	435	1000	375
CS3452	900	510	775	450
CS3458	11125	510	1000	450
CS3527	900	585	775	525
CS3533	11125	585	1000	525
CS3602	900	660	775	600
CS3608	11125	660	1000	600

Service trolley H 1050 with 2 shelves with polyethylene slats



Service trolley H 1050 with 3 shelves with polyethylene slats

Optional

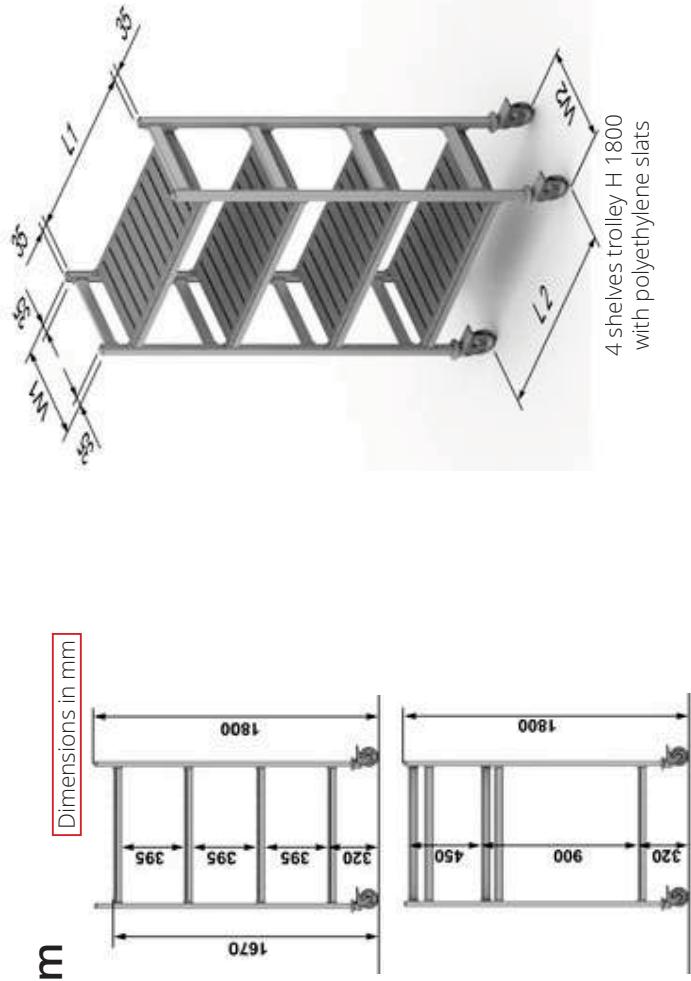
FALL ARRESTING BAR LIGHT FOR TROLLEY H 1050	
P/N	Description
KFGT09	Fall arresting bar light for trolley (L 775 mm)
KFGT12	Fall arresting bar light for trolley (L 1000 mm)

BUMPER Ø 95 mm

P/N	Description
PCSCFS	Rubber bumper ø 95 mm (optional)

Aluminium trolleys - H 1800 mm

Dimensions in mm



P/N	Total measures mm	L1	W1
	L2	W2	
CSRP23	1050	510	925
CSRP33	1275	510	1150
CSRP43	1050	585	925
CSRP53	1275	585	1150
CSRP63	1050	660	925
CSRP73	1275	660	1150

4 SHELVES TROLLEY H-800
WITH POLYETHYLENE SLATS

HANGING BARS TROLLEY H1800					
P/N	Total measures mm			Shelf mm	
	L2	W2	L1	W1	
CGSA11	1050	510	925	450	
CGSA21	1275	510	1150	450	
CGSA31	1050	585	925	525	
CGSA41	1275	585	1150	525	
CGSA51	1050	660	925	600	
CGSA71	1275	660	1150	600	

**DISPLAY TROLLEY H 1800 WITH 3 SHELVES
WITH POLYETHYLENE SLEATS**

P/N	Dimensions mm			
	L2	W2	L1	W1
CE2309	1100	630	1000	600
CE2315	1325	630	1225	600

Optional

FALL ARRESTING BAR LIGHT FOR TROLLEY SHELVES H 1800

P/N	Description
KFGT13	Fall arresting bar light for trolley (L 1075 mm)
KFGT14	Fall arresting bar light for trolley (L 1156 mm)

TRANSVERSAL FALL ARRESTING BAR LIGHT

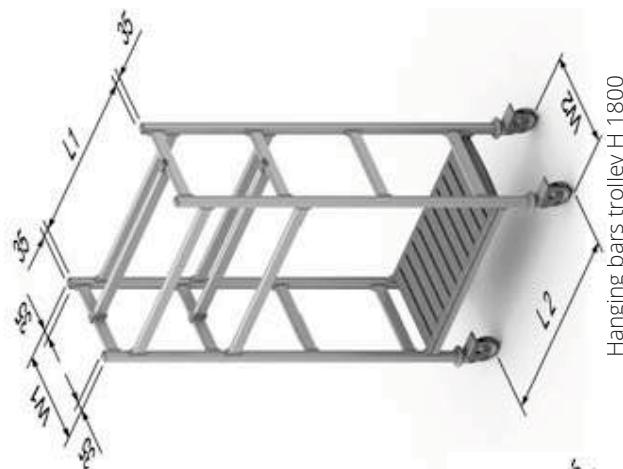
	450	525	600
Width mm (W)	KFGT45	KFGT52	KFGT60

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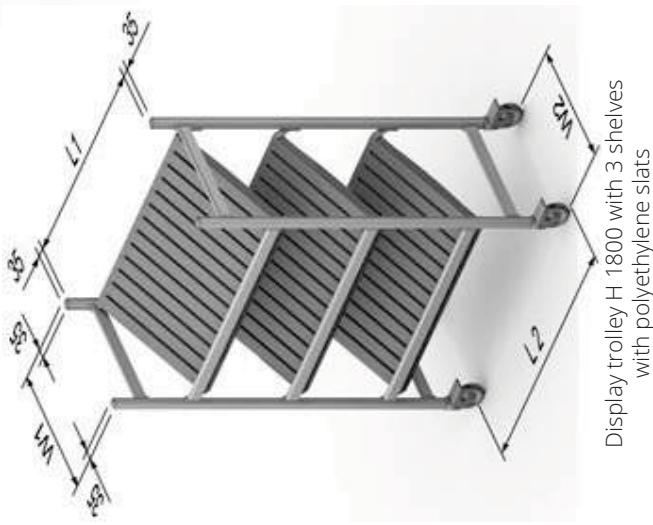
BUMPER Ø 95 mm	P/N	Description
	PCSCF5	Rubber bumper ø 95 mm

Trolleys

Dimensions in mm



Hanging bars trolley H1800



Display trolley H 1800 with 3 shelves
with polyethylene slats

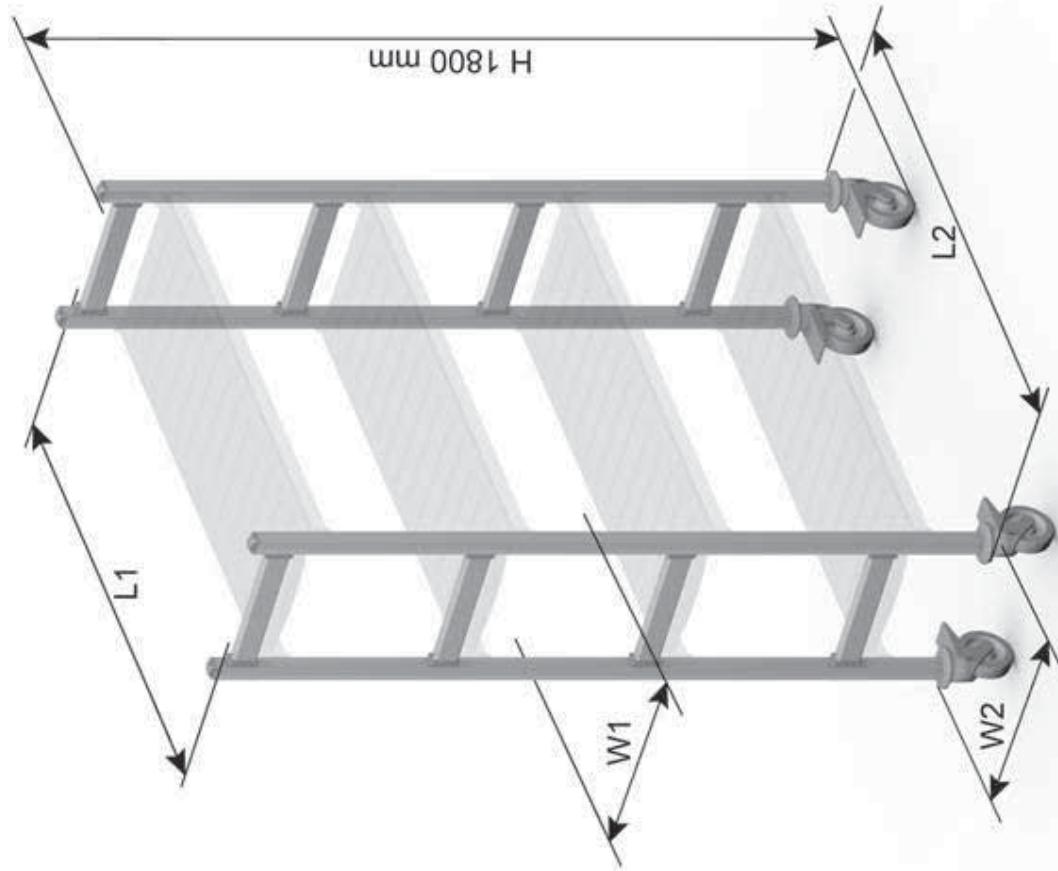


Tailor made aluminium trolleys

Dimensions in mm

Frame kit

With the frame kit for trolleys and a series of standard shelves (page 20-21) you can assemble a custom shopping cart.



ALUMINIUM FRAME KIT FOR TAILOR MADE TROLLEYS					
P/N	H	L1	L2	W1	W2
SR1845	1800	standard shelves pag 20-21 +70mm	L (standard shelves pag 20-21) +125 mm	450	510
SR1852	1800			525	585
SR1860	1800			600	660

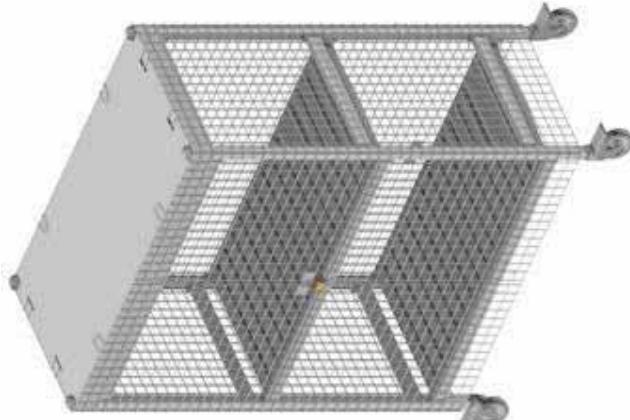
Total protection security trolley

Dimensions in mm

NEW!

Available from June 2015

- Ideal for protecting valuable goods from small thefts;
- Completely rust proof is suitable for any environment: from cold room to the food warehouse;
- It fits perfectly with the pre-existing structure of the trolley without additional changes;
- Installation is also possible on a shelving system with same dimensions



TOTAL PROTECTION SECURITY TROLLEY	
P/N	Description
CSCCT01	Total protection security trolley* (1200 x 660 x H 1650)
*Lock not included	



Drying trolley for racks

NEW!

- This trolley has been designed and built to support 6 dishwasher's racks (up to 500 x 500) for drying;
- Completely rust proof is suitable for any environment and is unaffected by moisture;

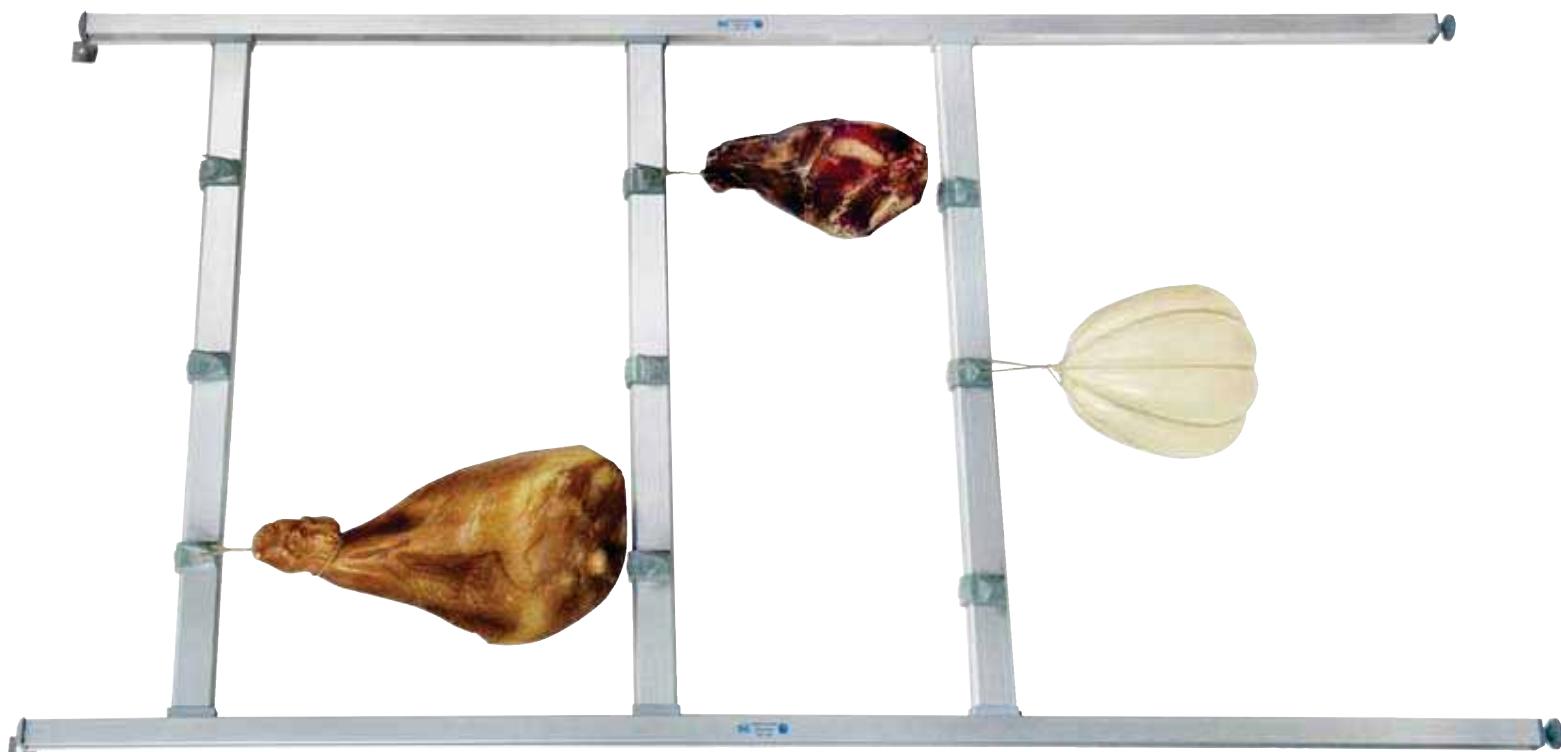
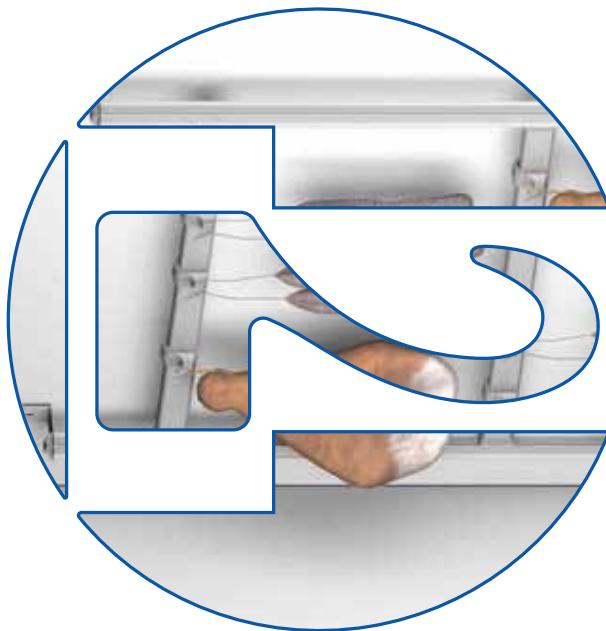


DRYING TROLLEY FOR RACKS	
P/N	Description
CACE01	Drying trolley for racks* (1200 x 660 x H 1650)
*Racks not included	





Aluminium hangers



Hangers

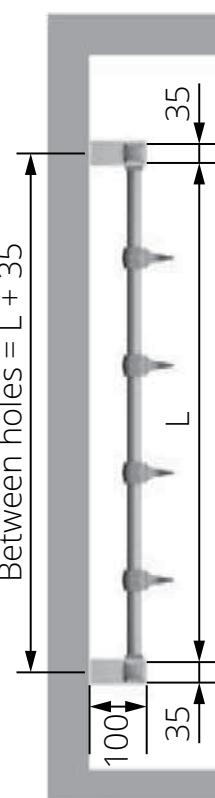
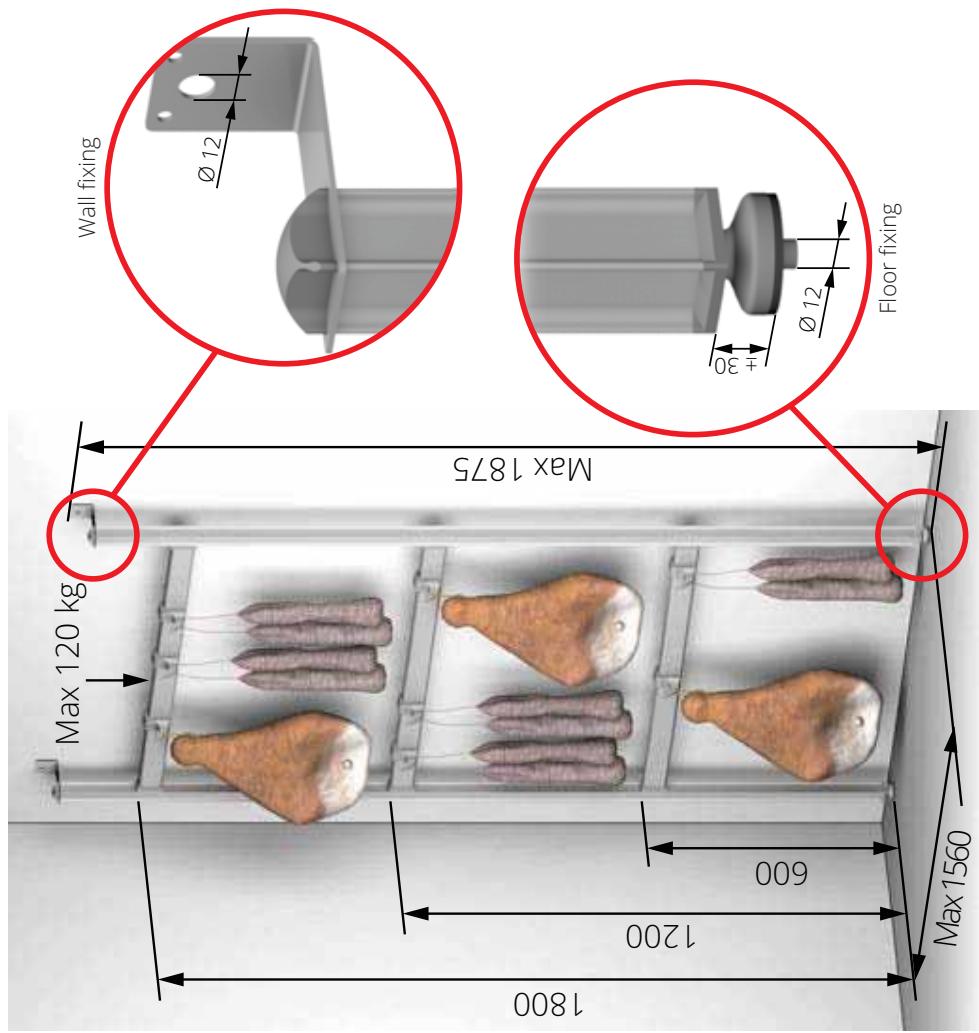


PAIR OF UPRIGHTS FOR FLOOR/FLOOR/WALL HANGING BARS	
P/N	Description
KFPP19	Pair of uprights for floor/floor/wall hanging bars with terminal base, adjustable (nut and bolts not included)

HANGING BAR BETWEEN UPRIGHTS	
Length mm (L)	P/N
400	KFG004
475	KFG005
550	KFG006
625	KFG007
700	KFG008
775	KFG009
850	KFG010
925	KFG011

ACCESSORIES FOR HANGER	
P/N	Description
SPX13	"S" shaped stainless steel hook L=160 mm, Ø 20 mm, for hanging bars
SPX300	Polyethylene hook, 50 kg load capacity, for hanging bars

Dimensions in mm

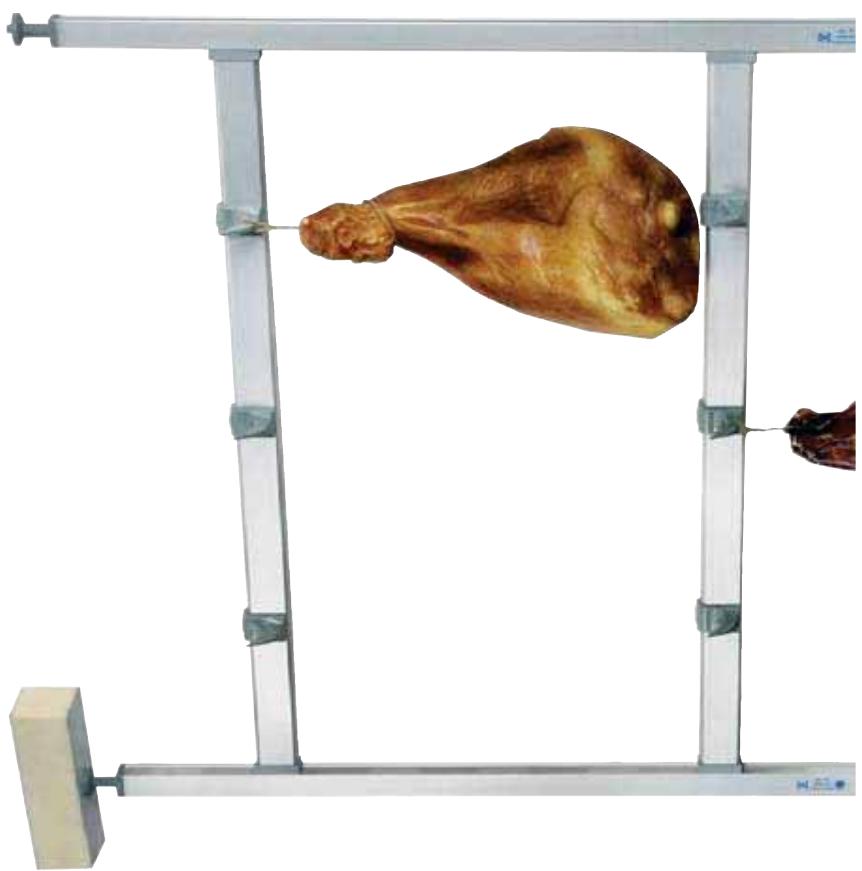


- 2 uprights max load capacity - 400 kg
- Maximum 3 hanging bars every 2 upright
- Minimum height hanging bar - 600 mm
- Maximum height hanging bar - 1800 mm
- 150 mm span each hanger

HANGERS
Floor / Wall

HANGERS Floor / Ceiling

Dimensions in mm



PAIR OF UPRIGHTS FOR FLOOR/CEILING HANGING BARS	
P/N	Description
KFP524	Pair of uprights for floor/ceiling hanging bars, adjustable base Ø=12 mm with fixing pin for both floor and ceiling.

HANGING BAR BETWEEN UPRIGHTS

Length mm (L)	P/N	Length mm (L)	P/N
400	KFG004	1000	KFG012
475	KFG005	1075	KFG013
550	KFG006	1150	KFG014
625	KFG007	1225	KFG015
700	KFG008	1300	KFG016
775	KFG009	1375	KFG017
850	KFG010	1450	KFG018
925	KFG011	1525	KFG019

ACCESSORIES FOR HANGER

P/N	Description
SPX313	"S" shaped stainless steel hook H160 mm, Ø6 mm, for hanging bars
SPX300	Hook 50 kg load capacity, for hanging bars



Aluminium
meat rail system



MEAT RAIL SYSTEM IN ANODIZED ALUMINIUM

Made of high strength aluminium

20 micron anodized

Tailor made

Extremely easy to assemble

Uprights with adjustable base for perfect alignment

Hook capacity 150 / 300 kg each



Simplex meat rail



1946

Tonon's first meat rail
Mod. T50 made of steel



"THE ORIGINAL"



Stainless steel
nuts and bolts



350 kg load capacity
per linear metre



Aluminium self
bearing structure

Meatrail Simplex for handling meat

Carrying quarters and half-beef / horse / pig / sheep without fatigue

Simplex's meatrail has the aim to carry and store in a cell the meat hung to it reducing to the minimum the stress for the operator, thanks also to a range of dedicated accessories unique in its kind.

Completely tailor-made

This innovative transport system is used starting from the small butcher but can also be applied in a laboratory for boning, as in a supermarket or in a storage warehouse for meat wholesale. All this thanks to the modular system of Simplex's meat rail allowing our technical department, during the design phase, to optimize the space available making it suitable for any environment.

Maximum respect for hygiene

All products of Simplex's meat rail system series are stainless by default.

The non-toxic thermoplastic materials are of the highest quality.

Simplex's meat rail is aluminium anodized 20 micron.

All nuts and bolts are stainless steel as standard.

Safety first

In a work environment where heavy weights such as quarters or half beefare transported daily, security is fundamental. For this reason, our technical department develops customized projects that start from a load capacity of 350 kg up to even 700 kg per meter, always offering an easy movement of pulleys, a solid and supporting structure, oversized in order to guarantee high resistance to load and stress.

Also the eye wants its part

Simplex's meat rail system is liked for its lines: harmonious and sturdy at the same time. Every detail has been designed to give continuity to the whole structures combined with various optional accessories that completes it.

The black / silver colours personalizes further more by giving an elegant and sophisticate touch.

Ease of assembly

The ease of assembly was then the reason who baptized the meat rail "Simplex" (easy in Latin).

In fact, being a modular structure allows to combine several products together without tying the exact location but conceding the possibility of adaptation and versatility; during the assembly in the construction site that means time and money saved.

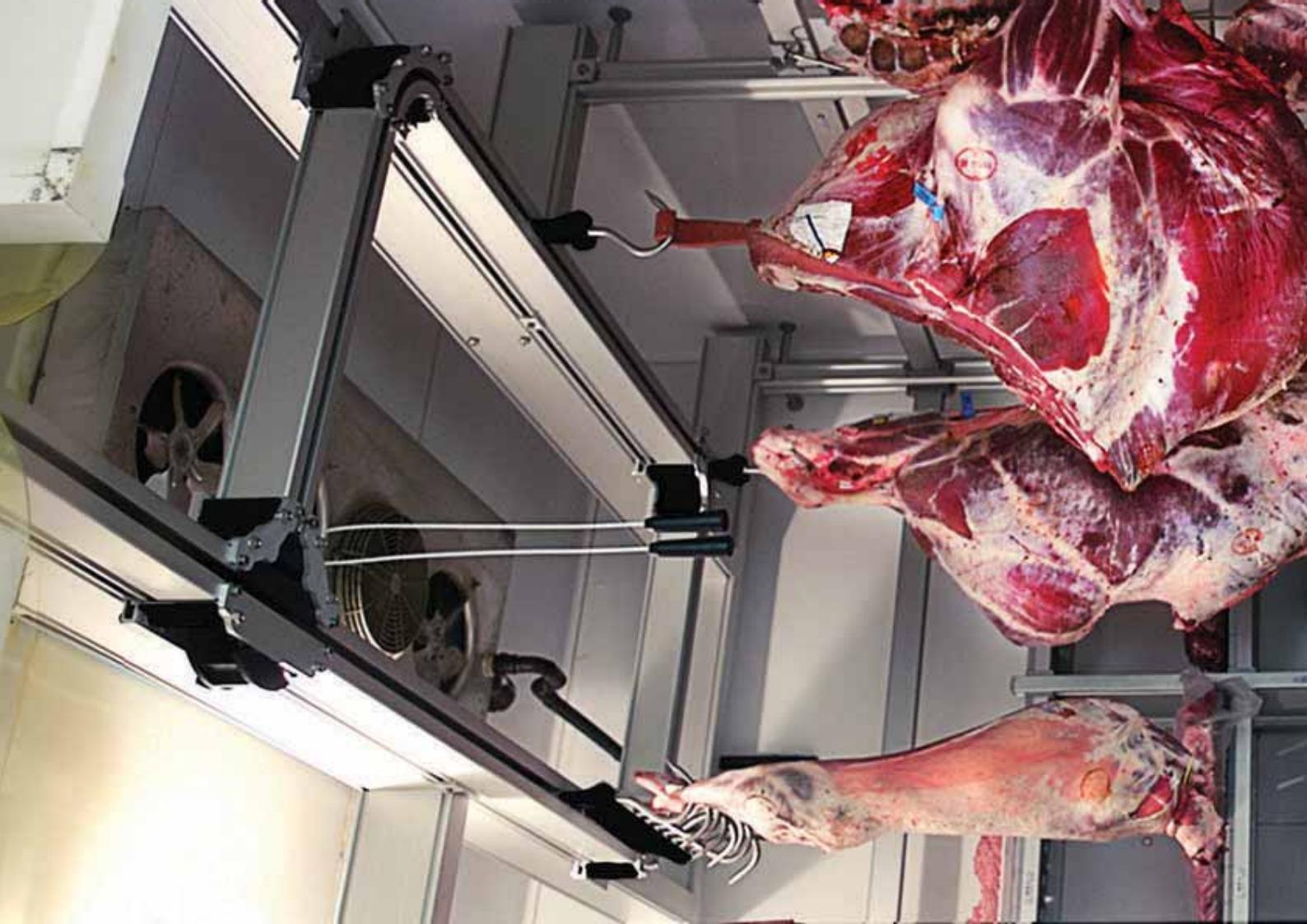
In addition, a detailed working plan helps you to understand better what is meant to be the final result of the whole plant.

Ability to change over time

Thanks to the versatility of the whole system, the product quality and its durability, this meat rail allows changes (additions or substitutions of meat rail profile or adding new accessories) even after many years.

Price / quality ratio very good

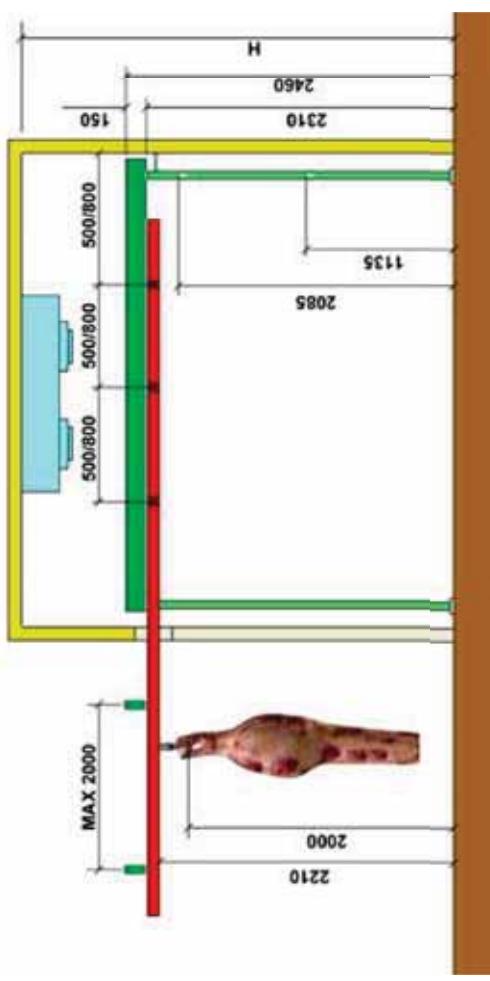
While considering the high constructive standard, Simplex's meat rail, thanks to the large amount of pieces, is able to fit into very competitive parameters.



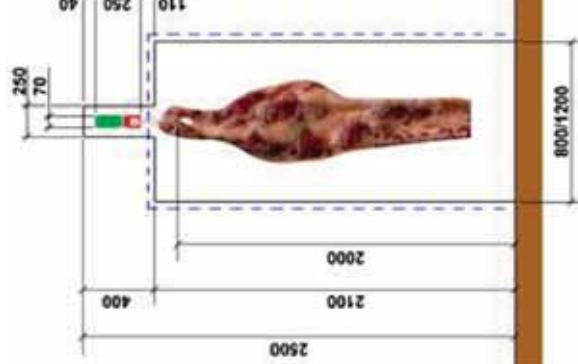
Meat rail dimensions

Dimensions in mm

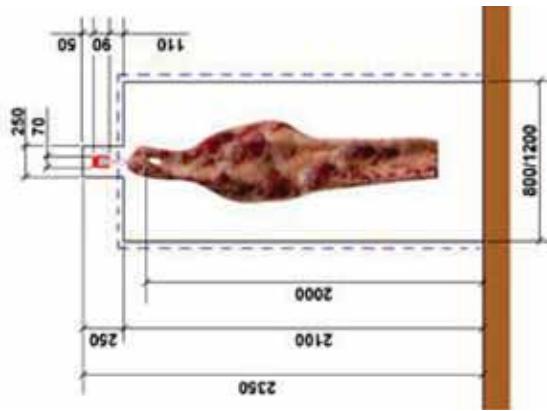
Cold room dimensions



Cold room door with
transit for meat rail



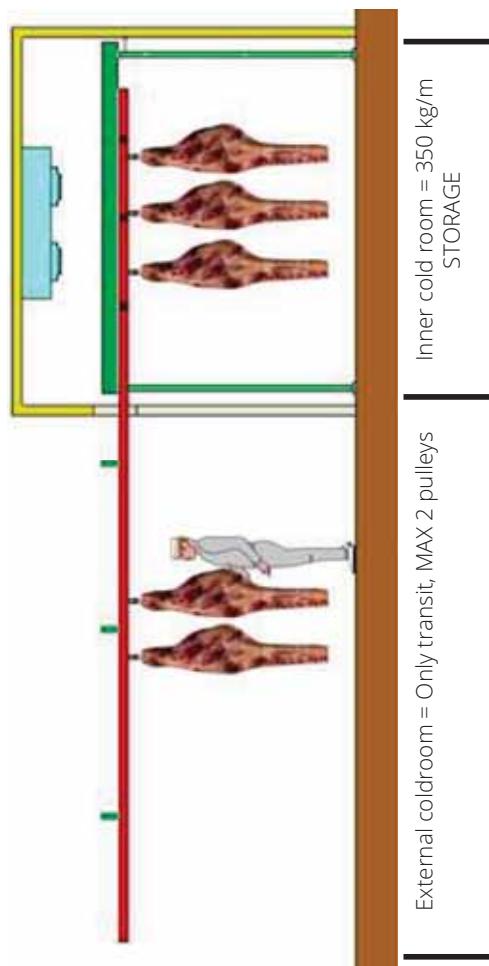
Cold room door with
transit for meat rail + beam



Meat rail loading plan

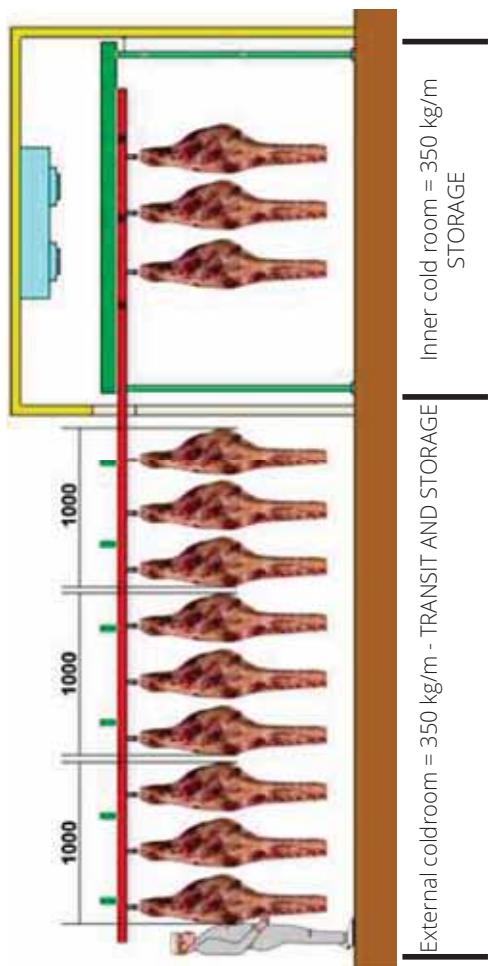


Walkaround Simplex



Inner cold room = 350 kg/m
STORAGE

External coldroom = Only transit, MAX 2 pulleys



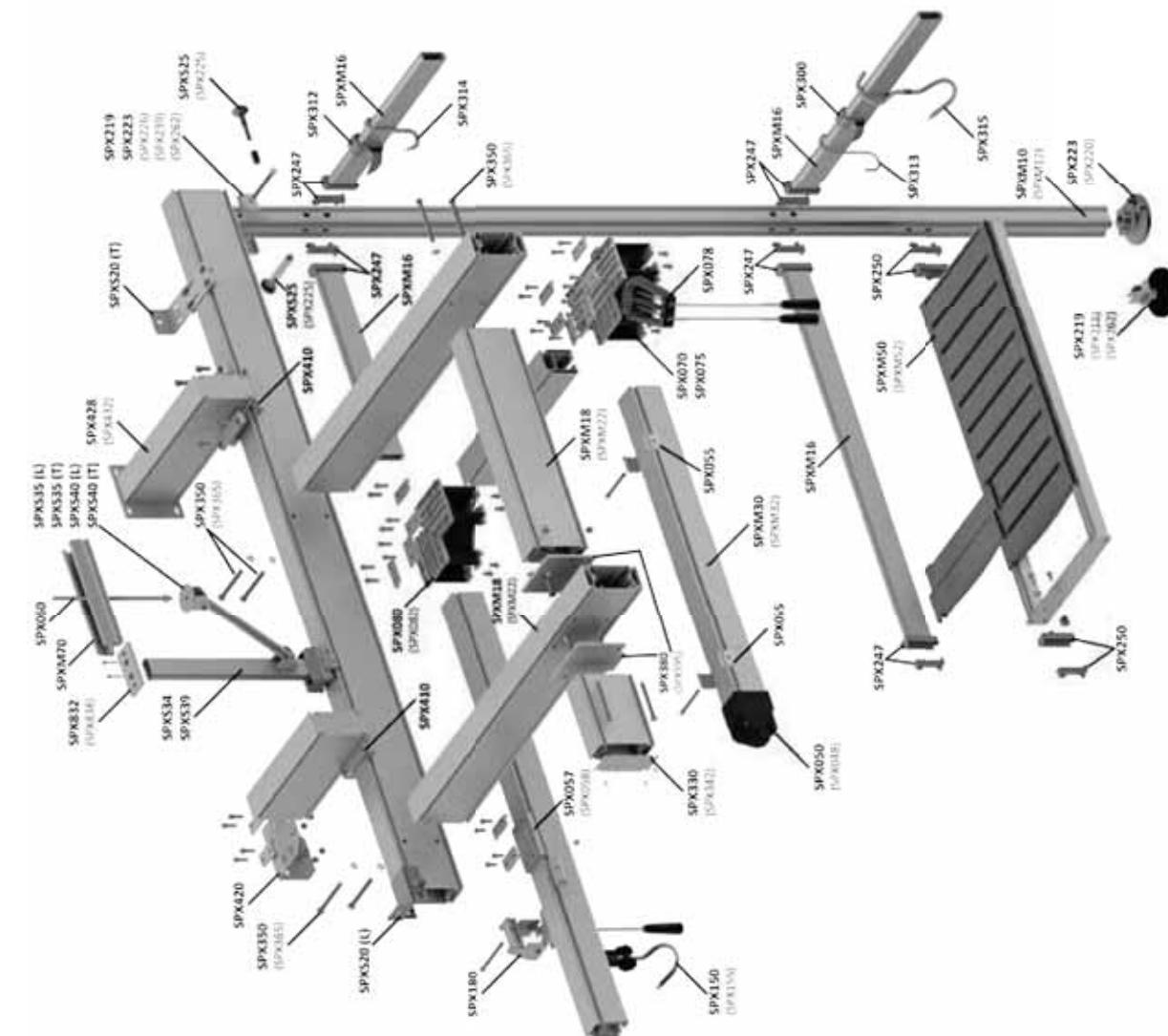
Inner cold room = 350 kg/m
STORAGE

External coldroom = 350 kg/m - TRANSIT AND STORAGE

General Catalogue
2015/16



Meat rail technical specifications



Structures for meat rail

Ceiling frames for meat rail

Meat Rail System



SPXM18
Beam H 150 x 70 mm in aluminium
anodized 20 micron

SPX350
"T" joint in stainless steel for aluminium
beams H 150 mm

SPX380
Cross joints H 150 mm
in aluminium anodized 20 micron

SPXS32
Direct ceiling joint H 60 mm in aluminium
anodized 20 micron

SPXS34
Ceiling mount tie rod H 500 mm in aluminium
anodized 20 micron

SPXS33
Ceiling mount tie rod H 500 mm in aluminium
anodized 20 micron

SPXS39
Ceiling mount tie rod H 1000 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPXS35
Wall spacer tie rod H 500 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPXS30
Wall spacer tie rod H 1000 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPX40
Ceiling mount tie rod H 500 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPX060
Stainless steel threaded rod 10Mx215 mm
for direct ceiling joint

SPX838
Tie rods anchoring plate to PE beams 100-160 mm
in aluminium anodized 20 micron

SPX832
Tie rods anchoring plate for ceiling fixing
(plugs not included) in aluminium
anodized 20 micron

SPX410
Cross joint in aluminium anodized 20 micron
for overlapping aluminium beams

SPX342
Stainless steel plug for aluminium
beam H 230 mm

SPX395
Cross joints H 230 mm
in aluminium anodized 20 micron

SPX420
Stainless steel shelf support for aluminium beam support.
To be fixed to the wall (plugs not included)

SPX428
Stainless steel shelf depth 300 mm for meat rail
support, to be fixed to the wall (plugs not included)

SPX432
Stainless steel shelf depth 1000 mm for meat rail
support, to be fixed to the wall (plugs not included)

SPXM70
Aluminium anodized 20 micron beam for load
distribution to ceiling H 60 x 68 mm
(max length 3000 mm)

SPXS20
Stainless steel spacer bracket for beams
(L) longitudinal or (T) transversal to the meat rail



SPXS32
Cross joints H 150 mm in aluminium
anodized 20 micron

SPXS34
Ceiling mount tie rod H 500 mm in aluminium
anodized 20 micron

SPXS33
Ceiling mount tie rod H 500 mm in aluminium
anodized 20 micron

SPXS39
Ceiling mount tie rod H 1000 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPXS35
Wall spacer tie rod H 500 mm (L) longitudinal or (T)
transversal in aluminium anodized 20 micron

SPXS30
Wall spacer tie rod H 1000 mm (L) longitudinal or (T)
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SPX420
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Stainless steel shelf depth 300 mm for meat rail
support, to be fixed to the wall (plugs not included)

SPX432
Stainless steel shelf depth 1000 mm for meat rail
support, to be fixed to the wall (plugs not included)

SPXM70
Aluminium anodized 20 micron beam for load
distribution to ceiling H 60 x 68 mm
(max length 3000 mm)

SPXS20
Stainless steel spacer bracket for beams
(L) longitudinal or (T) transversal to the meat rail



Meat rail, switches, curves

Hooks and pulleys

Meat Rail System

ALUMINIUM MEAT RAIL



SPXM30
Meat rail H 90 x 70 mm in aluminium
anodized 20 micron



SPX055
Parallel clamps in aluminium anodized 20 micron
for meat railbeam fixing

SPX058
45° Cross clamp in 20 micron
anodized aluminium
for meat railbeam fixing



SPX048
45° Cross clamp in 20 micron
anodized aluminium
for meat railbeam fixing



SPX049
Tilting steel terminal for
pulley insertion



SPX050
Steel terminal for pulley insertion

SWITCHES FOR MEAT RAIL



SPX070
3-Way rotating switch Ø 200 mm in
aluminium anodized 20 micron

SPX075
4-Way rotating switch Ø 200 mm in
aluminium anodized 20 micron



SPX078
Control stopper [spacer] for 3 or 4 switch in
thermoplastic material

CURVES FOR MEAT RAIL



SPX080
90° bend Ø 200 mm in aluminium
anodized 20 micron



SPX082
45° bend Ø 200 mm in aluminium
anodized 20 micron

Hooks and pulleys



SPX057
Cross clamp in aluminium anodized 20 micron
for meat railbeam fixing



SPX155
SIMPLEX pulley, 300 kg load capacity with
hook Ø 15 mm in stainless steel



SPX152
SIMPLEX pulley, 150 kg load capacity with
hook Ø 12 mm in stainless steel



SPX300
Hook in thermoplastic material 100 kg load capacity
for hanging bars



SPX314
Stainless steel hook Ø 12 mm,
for hanging bars

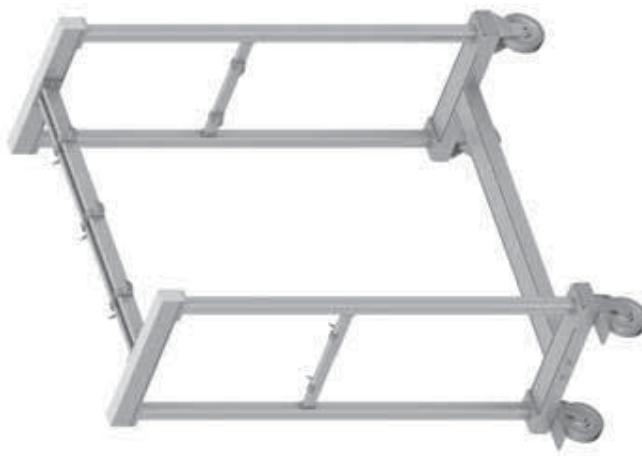
SPX313
"S" shaped stainless steel hook H 160 mm,
Ø 6 mm, for hanging bars

SPX315
"S" shaped stainless steel swelling hook
H 270 mm, Ø 12 mm, for hanging bars

Quarter beef trolleys

Electronic scales on meat rail

Meat Rail System



SPX910
Quarter beef trolley in aluminium
anodized 20 µm with fixed hooks

The quarter beef trolley with fixed hooks was made to transport pieces from the unloading area to the cold room.
Made with 20 micron anodized aluminium is perfect for the direct food contact.
Its wheels, Ø 125 mm with brakes, in thermoplastic material allow smoothing scrolling and high stability of the trolley.
Maximum dimensions 1400 x 770 x H 2200 mm

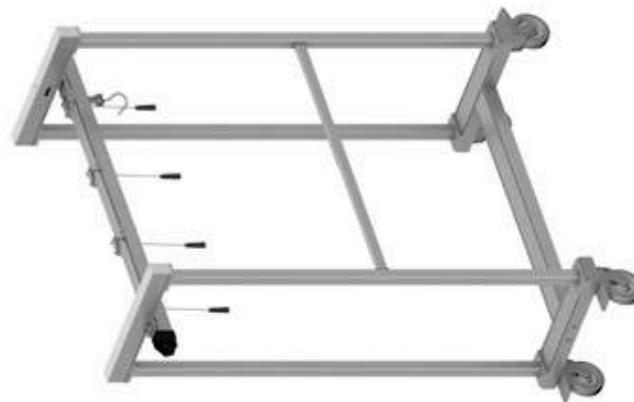


SPX920
Cover for SPX910 in PVC coated polyester



SPX215
Electronic scale in stainless steel 300 kg with electronic display IP 44, not homologated

(Homologation possible by request)
Designed to be attached directly to the structure of the meat rail.
It allows you to weigh directly from the meat rail the hanging meat.
Supplied pre-assembled and calibrated.
Weighing length 330 mm.



SPX914
Quarter beef trolley in aluminium
anodized 20 micron with pulleys

The quarter beef trolley with fixed hooks was made to transport pieces from the unloading area to the cold room.
Made with 20 micron anodized aluminium is perfect for the direct food contact.
Its wheels, Ø 125 mm with brakes, in thermoplastic material allow smoothing scrolling and high stability of the trolley.
Pulleys are fixed to prevent accidental movements, there is also a connection between the trolley and the meat rail.
Max load capacity: 400 kg
Maximum dimensions 1400 x 770 x H 2550 mm



SPX922
Cover for SPX914 in PVC coated polyester



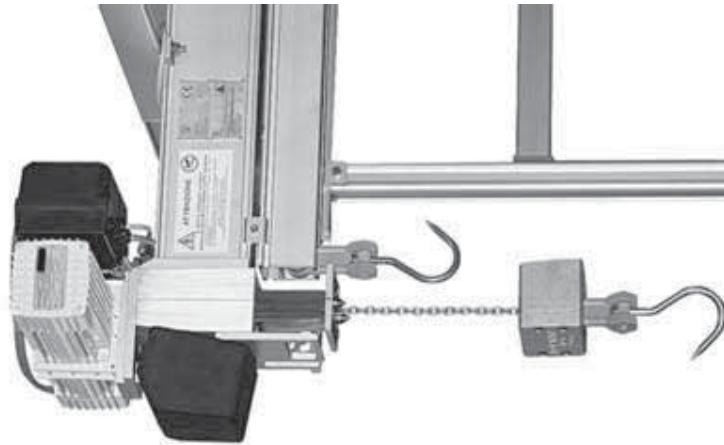
SPX216
Electronic scale in stainless steel 300 kg with electronic display IP 65
Homologated

Designed to be attached directly to the structure of the meat rail.
It allows you to weigh directly from the meat rail the hanging meat.
Supplied pre-assembled and calibrated.
Weighing length 330 mm.

Loading devices on meat rail

Accessories for meat rail

Meat Rail System



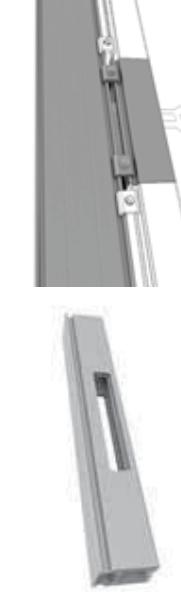
SPX13
Terminal loading device with
electric hoist, load capacity 200 kg.

Designed to be attached directly to the head of the supporting structure and to work in harmony with our meat rail system Simplex.
Eliminates operator fatigue in the daily operations of raising and lowering the meat on the conveyor.
Structure completely in anodized aluminum 20µm.
Equipped with safety lock to prevent the fall of the meat during normal operations.
Pre-mounted on the meat rail system.



SPX103
Central loading device with
electric hoist, load capacity 200 kg.

Designed to be attached directly to the head of the supporting structure and to work in harmony with our meat rail system Simplex.
Eliminates operator fatigue in the daily operations of raising and lowering the meat on the conveyor.
Structure completely in anodized aluminum 20µm.
Equipped with safety lock to prevent the fall of the meat during normal operations.
Pre-mounted on the meat rail system.



SPX180

Stainless steel pulley block on rail

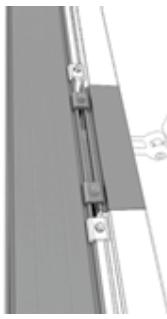
SPX130

Terminal cut on meat rail for
cold room door



SPX128

Manual folding rail extension for meat
reception in aluminum anodized 20 micron



SPX110

Arrangement in aluminum anodized 20 micron
for scale installation on rail (tailor made measures)



SPX118

Electric hoist, 200 kg load capacity

SPX119

Steel trolley with pipe support
for electric hoist



SPX120

Stainless steel support arm for
hoist fixing to beams

SPX122

Stainless steel hook for standard
electric hoist



SPX128

Manual folding rail extension for meat
reception in aluminum anodized 20 micron

Accessories for meat rail

Zinc-plated frames for meat rail structure

Meat Rail System



SPX132
Lift rail section in aluminium anodized 20 micron
for forklifts transit

SPX140
Manual removable rail extension in aluminium anodized 20 micron

SPX141
Manual removable rail extension with stainless steel handles



SPX142
Flag for meat rail in aluminium
anodized 20 micron

SPX580
Lowering rail section in aluminium
anodized 20 micron

SPX590
Lowering rail section in stainless steel



SPX068
Brackets for embossed meat rail + upright 62 x 62 mm fixing kit
(max. length 1500 mm) in aluminium anodized 20 micron

SPX064
Linear meat rail joint in aluminium
anodized 20 micron

SGL070
Galvanized iron parallel clamp rail / beams IPE 140-180

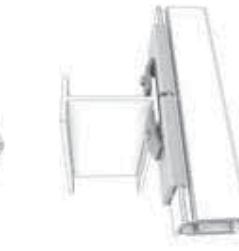
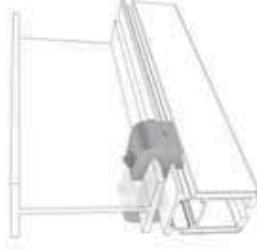
SGL071
Galvanized iron parallel clamp rail / beams IPE 200-240

SGL072
Galvanized iron parallel clamp rail / beams IPE 240-300

SGL120
Aluminium cross bracket IPE 140-180 with aluminium beams on different levels

SGL121
Aluminium cross bracket IPE 200-220 with aluminium beams on different levels

SGL122
Aluminium cross bracket IPE 240-300 with aluminium beams on different levels



GRIC15
Stainless steel crane with articulated arm

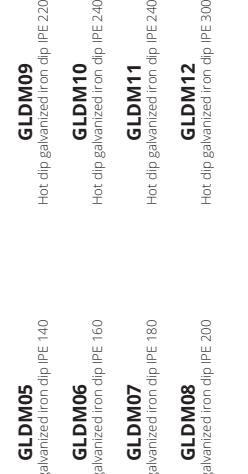
SPX147
Stainless steel expander



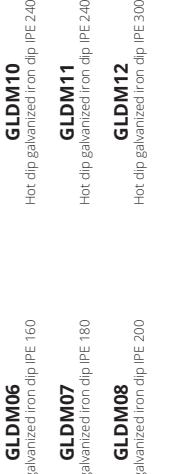
SGL125
Rotating adjustable base Ø 160 mm for upright 62 x 62 mm +
pair of fixing clamps upright / beams 140-180

SGL126
Rotating adjustable base Ø 160 mm for upright 62 x 62 mm +
pair of fixing clamps upright / beams 200-220

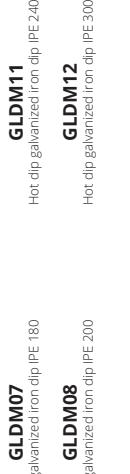
SGL127
Rotating adjustable base Ø 160 mm for upright 62 x 62 mm +
pair of fixing clamps upright / beams 240-300



GLDM05
Hot dip galvanized iron dip IPE 140



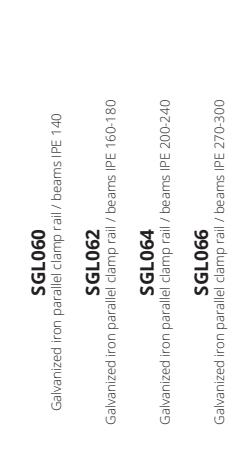
GLDM06
Hot dip galvanized iron dip IPE 160



GLDM07
Hot dip galvanized iron dip IPE 180



GLDM08
Hot dip galvanized iron dip IPE 200



SGL060
Galvanized iron parallel clamp rail / beams IPE 140-180



SGL062
Galvanized iron parallel clamp rail / beams IPE 160-180



SGL064
Galvanized iron parallel clamp rail / beams IPE 200-240



SGL066
Galvanized iron parallel clamp rail / beams IPE 270-300



SGL120
Aluminium cross bracket IPE 140-180 with aluminium beams on different levels



SGL121
Aluminium cross bracket IPE 200-220 with aluminium beams on different levels



SGL122
Aluminium cross bracket IPE 240-300 with aluminium beams on different levels



Aluminium
framework



ALUMINIUM FRAMEWORK

Dimensions

Aluminium framework

Made of high strength aluminium
20 micron anodized

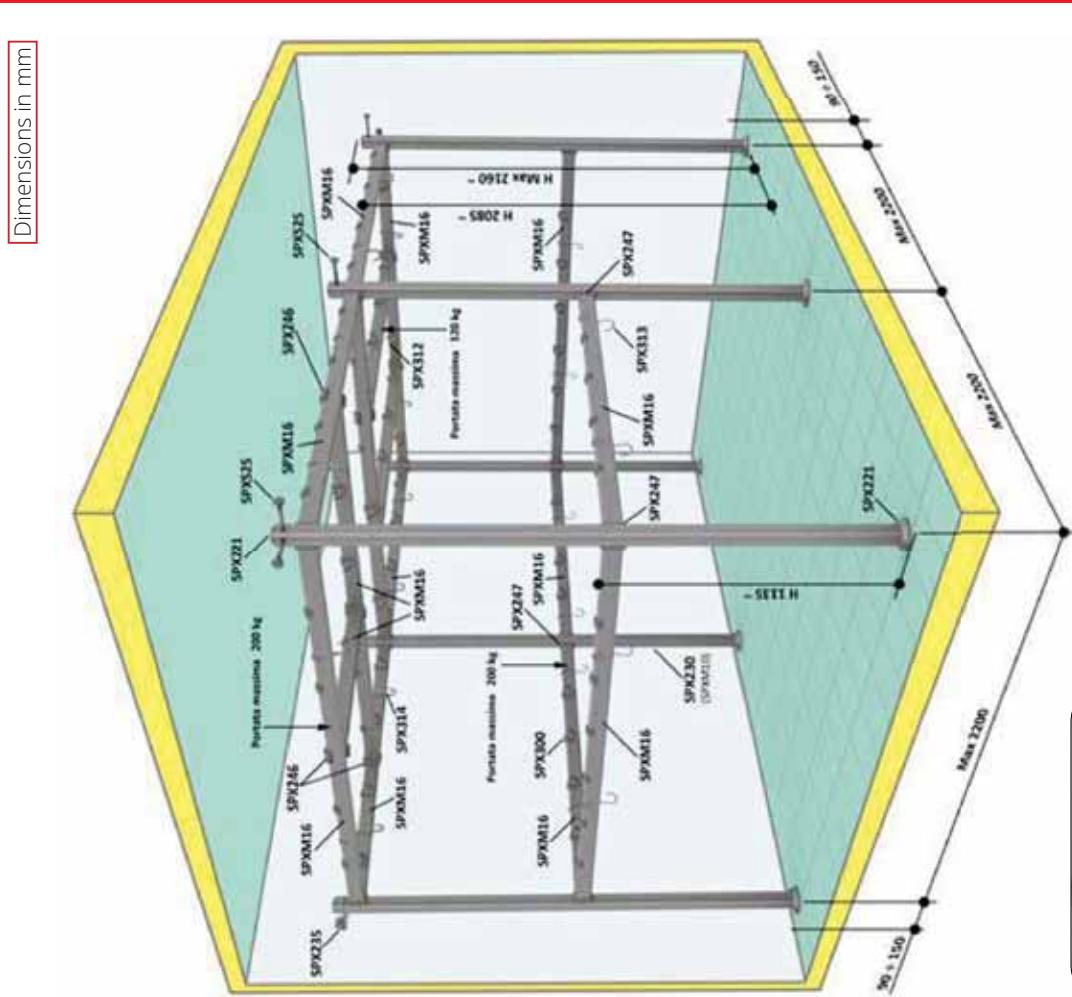
Ideal also for medium and big load capacities

Tailor made

Extremely easy to clean

Piantane con basi regolabili

Load capacity hook 50 / 100 kg each



Dimensions in mm



Folding shelf available for hangers



Simplex framework for handling meat

Completely tailor-made

This innovative storage system is used as an alternative to the meat rail system and has, as its purpose, the storage in cold room of cattle, pigs, sheep, horses. All this thanks to the modular system of the Simplex framework that allows us, during the design phase, to optimize the space available making it suitable for any environment.

Maximum respect for hygiene

All products of Simplex's framework system are stainless by default. The non-toxic thermoplastic materials are of the highest quality. Simplex's framework is aluminum anodized 20 micron. All nuts and bolts are stainless steel as standard.

Safety first

In a work environment where heavy weights are transported daily, security is fundamental. For this reason, our technical department develops customized projects in order to guarantee high resistance to load and stress.

Also the eye wants its part

Simplex's framework system is liked for its lines: harmonious and sturdy at the same time. Every detail has been designed to give continuity to the whole structures combined with various optional accessories that completes it.

Ease of assembly

The ease of assembly was then the reason who baptized the meat rail "Simplex" (easy in Latin). In fact, being a modular structure allows to combine several products together without tying the exact location but conceding the possibility of adaptation and versatility; during the assembly in the construction site that means time and money saved. In addition, a detailed working plan helps you to understand better what is meant to be the final result of the whole plant.

Ability to change over time

Thanks to the versatility of the whole system, the product quality and its durability, this meat rail allows changes (additions or substitutions of meat rail profile or adding new accessories) even after many years.

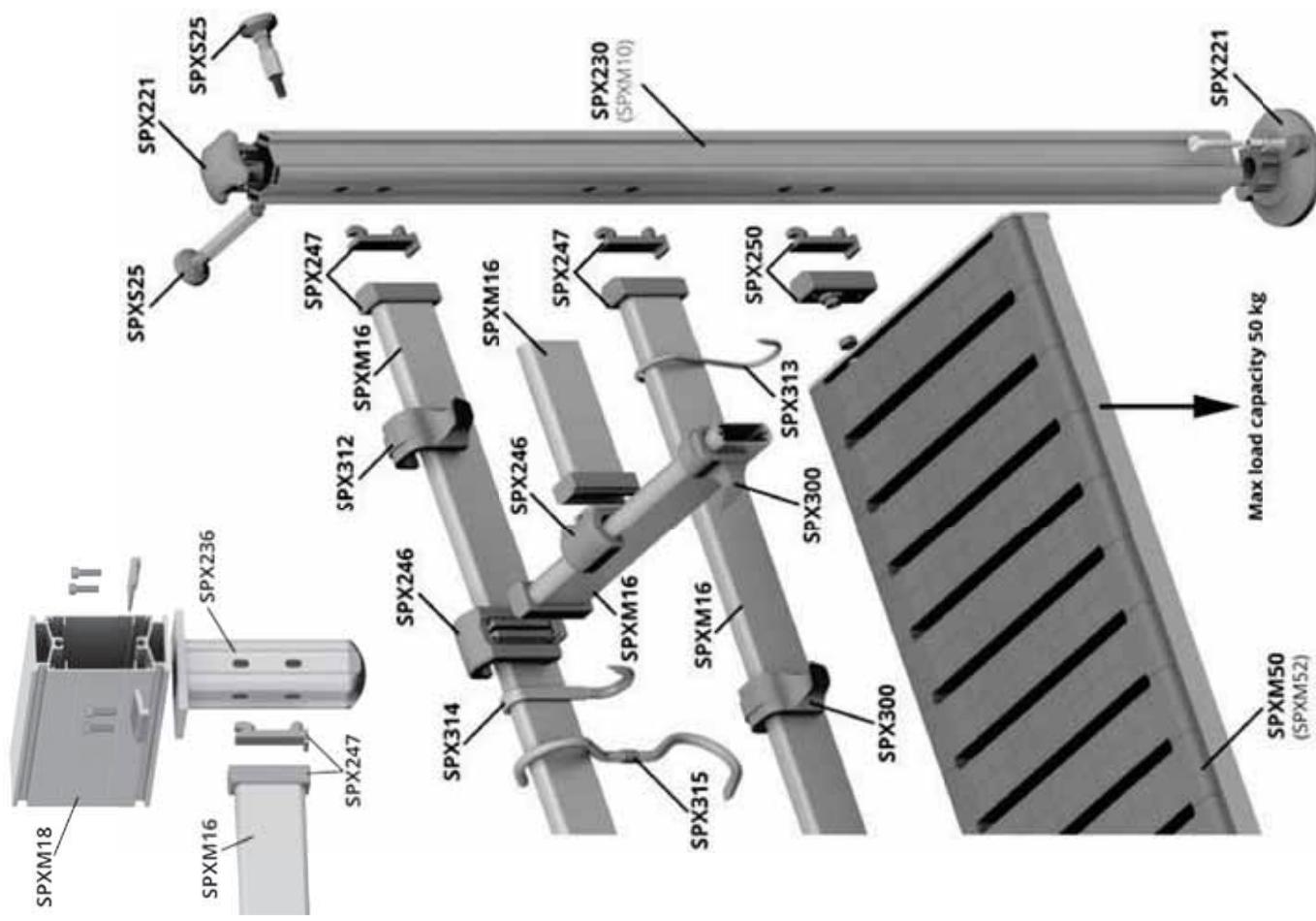
Price / quality ratio very good

While considering the high constructive standard, Simplex's framework, thanks to the large amount of pieces, is able to fit into very competitive parameters.



Framework technical specifications

Aluminium framework



UPRIGHTS FOR FRAMEWORKS



SPX221
Fixed base Ø 120 mm in thermoplastic material for upright 62 x 62 mm + plug for upright 62 x 62 mm in thermoplastic material



SPXM10
Upright 62 x 62 mm tailor made in aluminium anodized 20 micron



SPXM25
Upright 62 x 62 mm tailor made in aluminium anodized 20 micron



SPX235
Wall fixing stainless steel bracket for upright 62 x 62 mm (rivet or threaded plug 10 MA not included)



SPX225
Wall spacer extension in aluminium anodized 20 micron for wall spacers for uprights 62 x 62 mm



SPXM16
Hanging bar 75 x 25 mm in aluminium anodized 20 micron



SPX246
Clamps for hanging bars 75 x 25 mm to hanging bars 75 x 25 mm in thermoplastic material



SPX247
Pair of fixing brackets for hanging bar 75 x 25 mm in nylon 6 with upright 62 x 62 mm

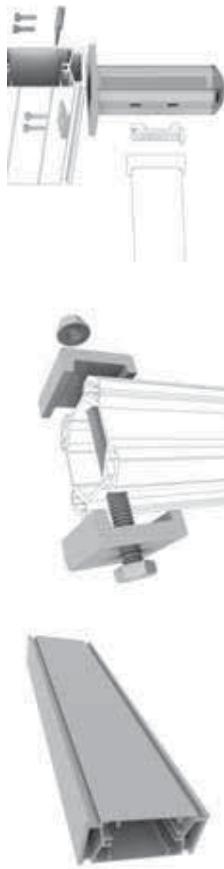


SPXM52
Pair of hinges for folding shelf in nylon 6 for upright 62 x 62 mm in aluminium anodized 20 micron

SPXM50
Folding plastic shelf width 375 mm (SPXM52 not included)



FRAMEWORK STRUCTURES



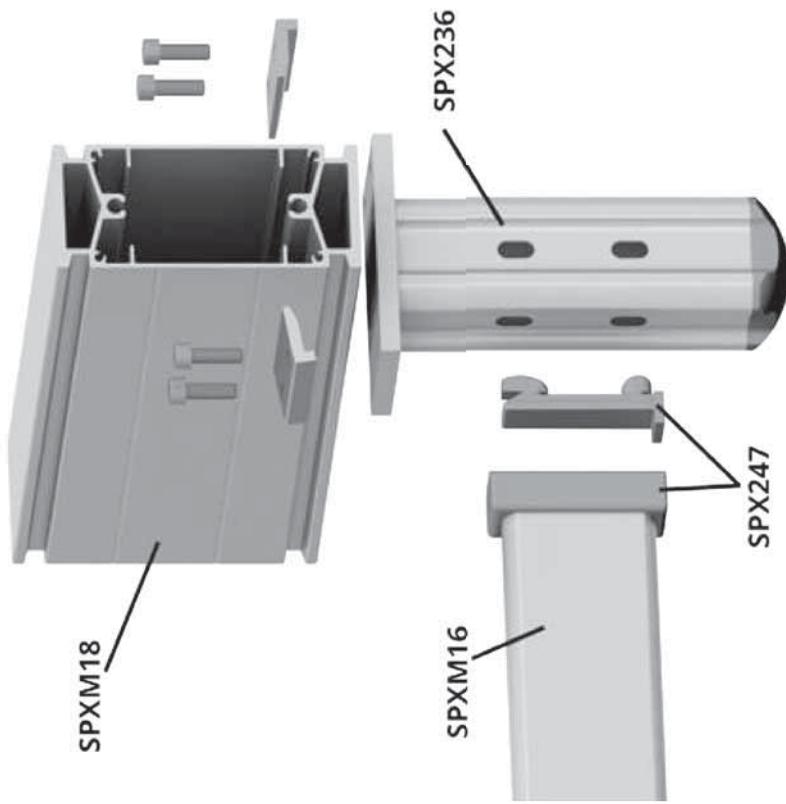
SPXM18
Beam H 150 x 70 mm in aluminium
anodized 20 micron

SPX239
Pair of clamps for upright 62 x 62 mm/beam fixing
in aluminium anodized 20 micron

Central bracket hanging bar 75 x 25 mm with
anodized aluminium beam 150 mm in aluminium
anodized 20 micron

System for the use of upper hanging bars in the middle of a cold room, without the post on the ground

By adding to the normal framework system (beams resting on perimetric fixed posts) a central suspension, you can add new hanging bars towards the center of the coldroom, removing any kind of floor obstruction.



HOOKS FOR FRAMEWORKS



SPX312
Hook in thermoplastic material | 100 kg load capacity for hanging bars

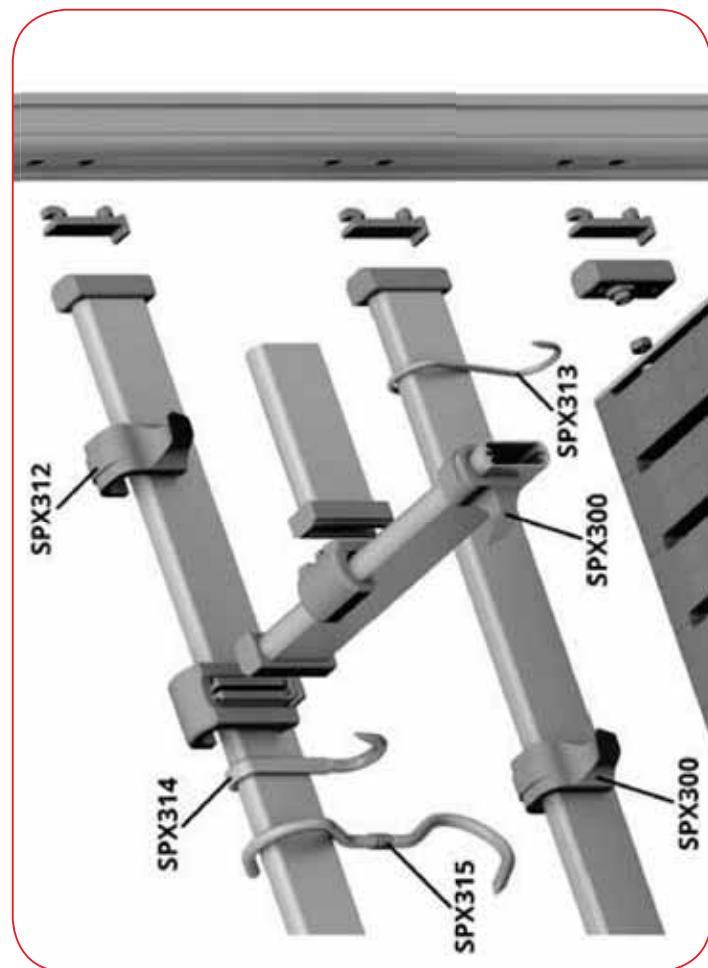
SPX300
Hook in thermoplastic material | 50 kg load capacity for hanging bars



SPX315
"S" shaped stainless steel swivelling hook H 270 mm,
Ø 12 mm, for hanging bars

SPX314
"S" shaped stainless steel hook H 160 mm, Ø 6 mm,
for hanging bars

SPX313
Stainless steel hook Ø 12 mm, for hanging bars





Aluminium
hangers

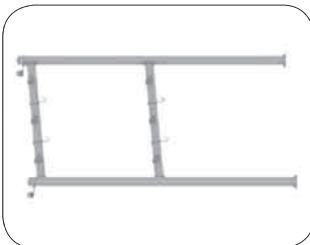
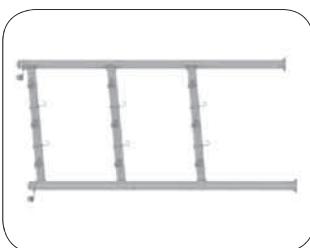
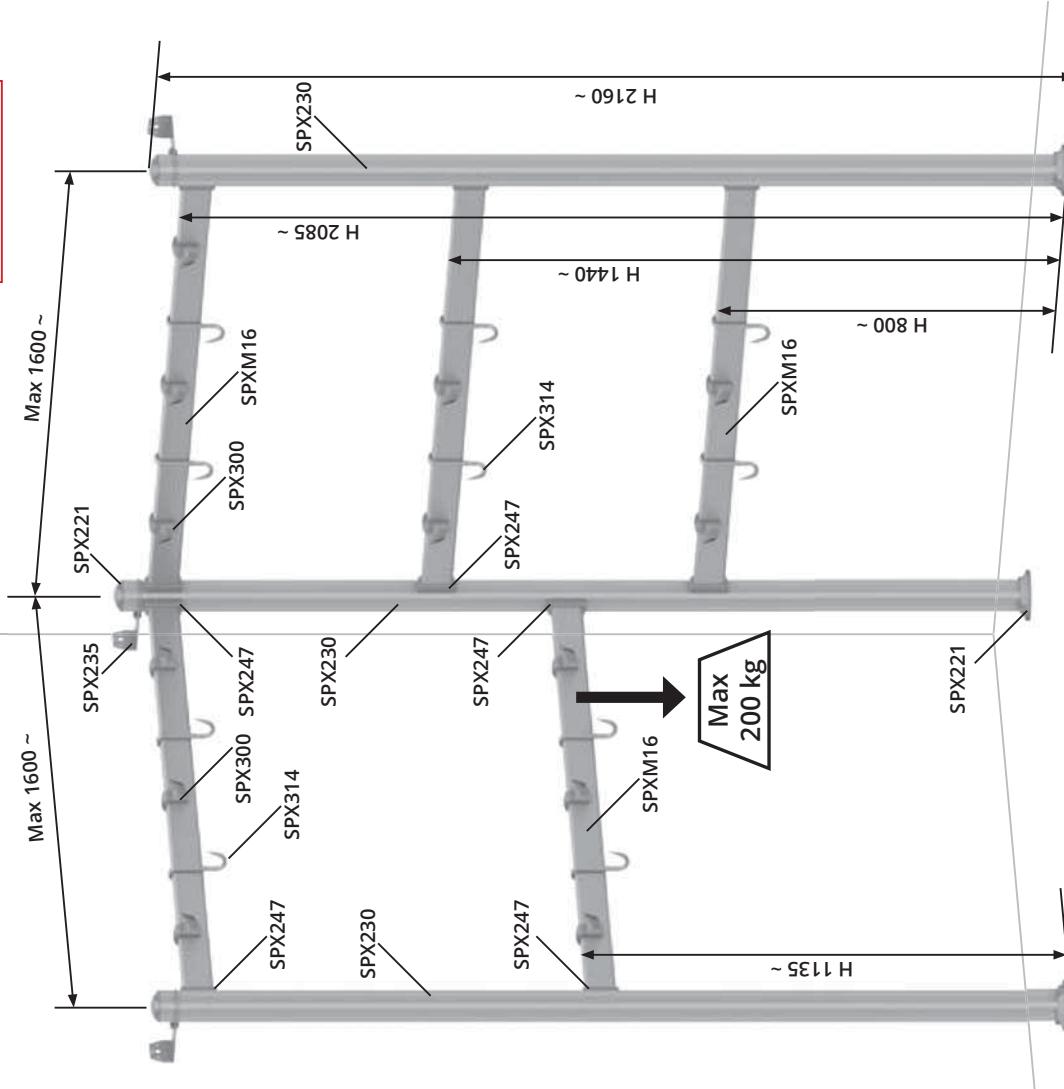


Hangers mounted on uprights

Floor / wall

Floor / wall hangers mounted on uprights

Dimensions in mm



SPX235
Wall fixing stainless steel bracket for upright
(rivet or threaded plug 10MA not included)

SPX221
Fixed base Ø 120 mm in thermoplastic material for
upright 62 x 62 mm + plug for upright 62 x 62 mm
in thermoplastic material

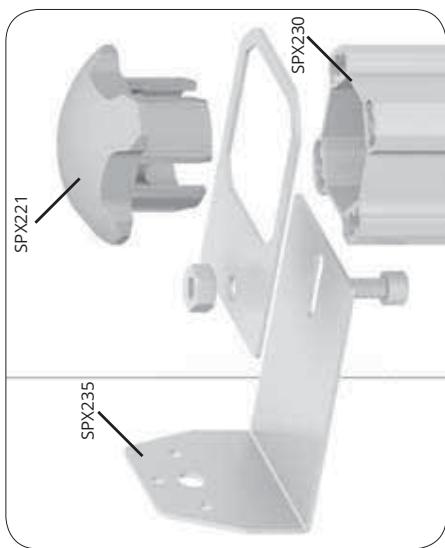
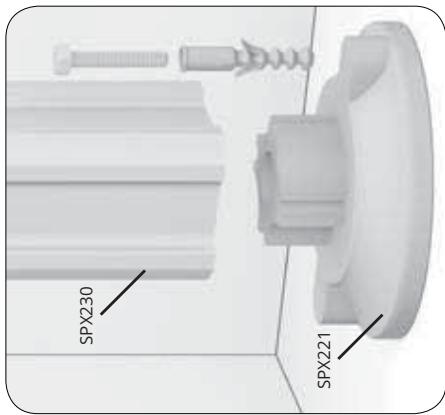


SPXM16
Hanging bar 75 x 25 mm in aluminium
anodized 20 micron



SPXM16
Hanging bar 75 x 25 mm in aluminium
anodized 20 micron

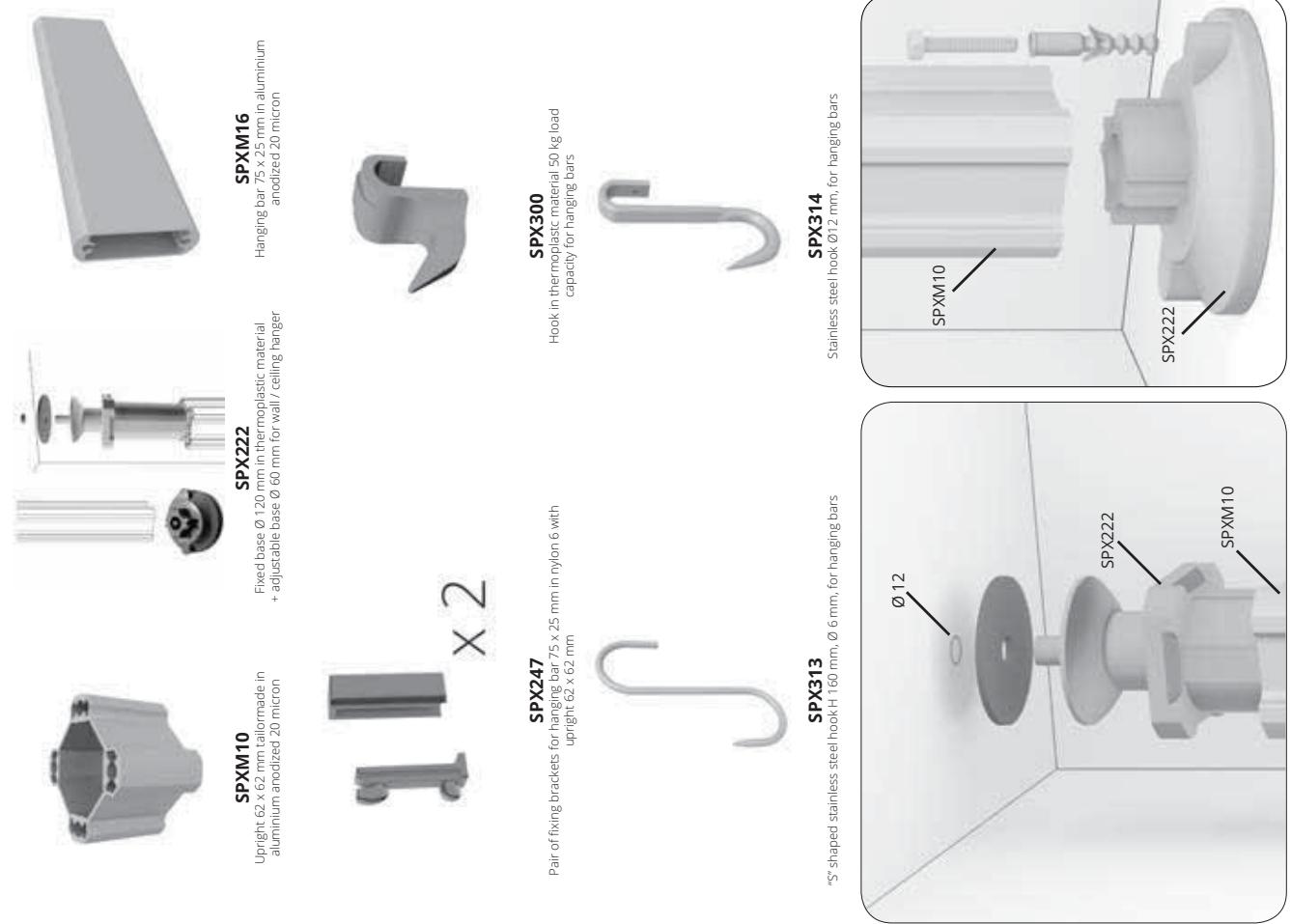
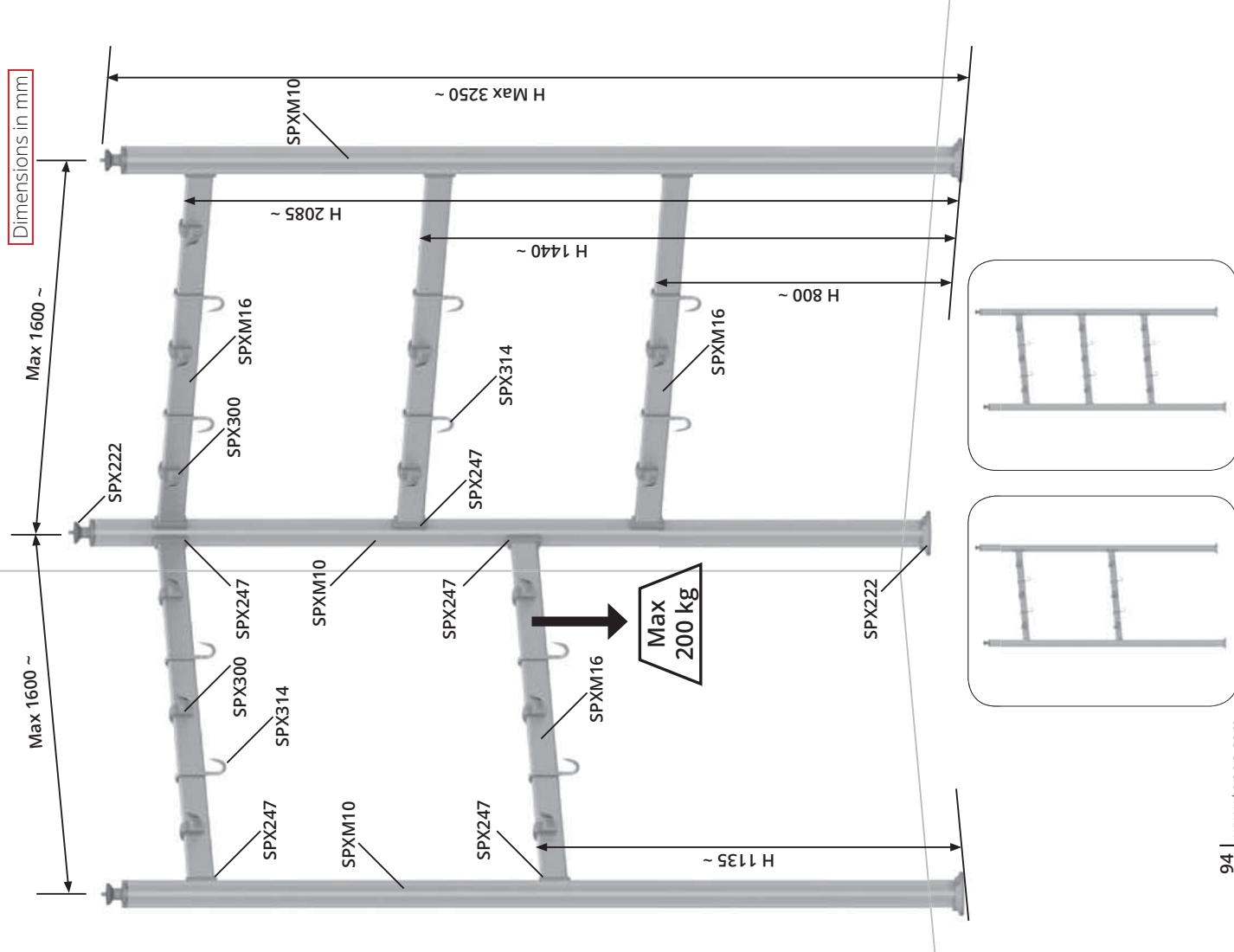
SPX313
"S" shaped stainless steel hook Ø12 mm, for hanging bars



Floor / ceiling

Floor / ceiling

Hangers mounted on uprights

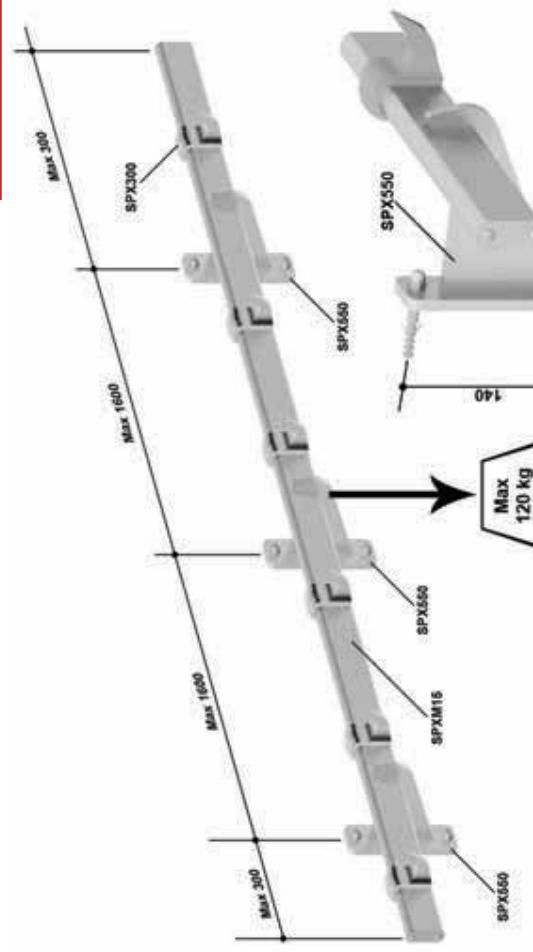


Wall hangers

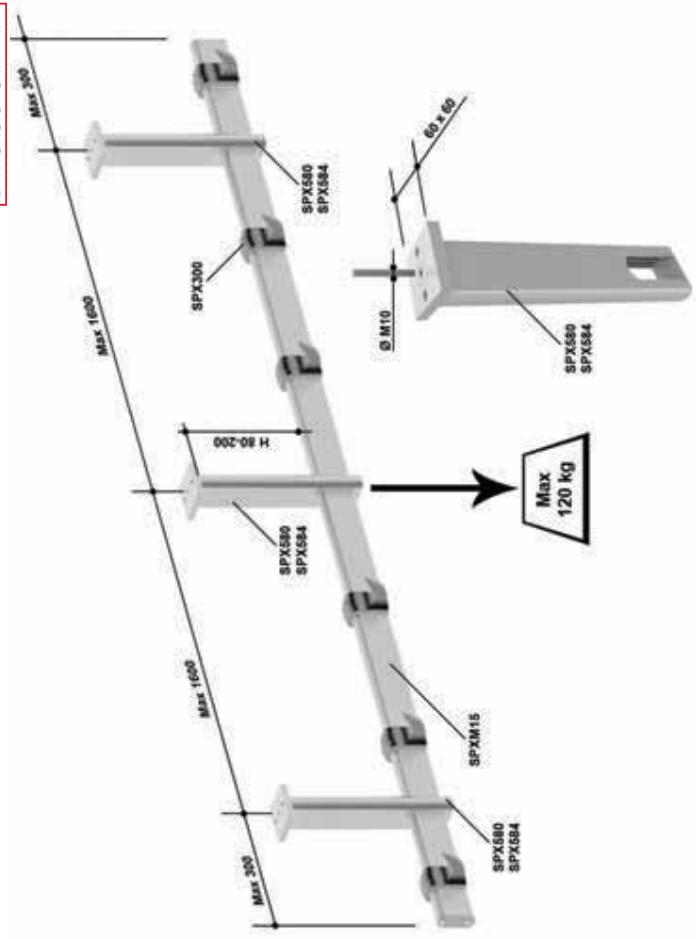
Ceiling hangers

Ceiling / wall hangers

Dimensions in mm



Dimensions in mm



SPX550

Bracket for direct fixing of 60 x 25 mm hanging bar
to the wall D140 mm (plugs included)



SPX300

Hook in thermoplastic material 50 kg load capacity
for hanging bars



SPX15

Hanging bar 60 x 25 mm in aluminium
anodized 20 micron



SPX580

Direct ceiling joint H80 mm
in aluminium anodized 20 micron
(threaded rod 10MA not included)



SPX584

Direct ceiling joint H200 mm
in aluminium anodized 20 micron
(threaded rod 10MA not included)



SPXM15

Hanging bar 60 x 25 mm in aluminium
anodized 20 micron



SPX313

"S" shaped stainless steel hook H 160 mm, Ø 6 mm,
for hanging bars



SPX314

Stainless steel hook Ø12 mm, for hanging bars



SPX315

"S" shaped stainless steel hook H 160 mm, Ø 6 mm,
for hanging bars



SPX313

"S" shaped stainless steel hook H 160 mm, Ø 6 mm, for hanging bars

SPX300

Hook in thermoplastic material 50 kg load capacity
for hanging bars

SPX314

Stainless steel hook Ø12 mm, for hanging bars



Wall mount sliding hangers

Dimensions in mm

Wall mount sliding hangers



SPX^M32

Meat rail H 90 x 70 mm in aluminium
anodized 20 micron
(CUT ONLY)



SPX428

Stainless steel shelf depth 300 mm for meat rail support,
to be fixed to the wall (plugs not included)



SPX049

Tilting reel terminal for
pulley insertion

SPX048

Stainless steel terminal pulley block on meat rail

SPX050

Steel terminal for pulley insertion



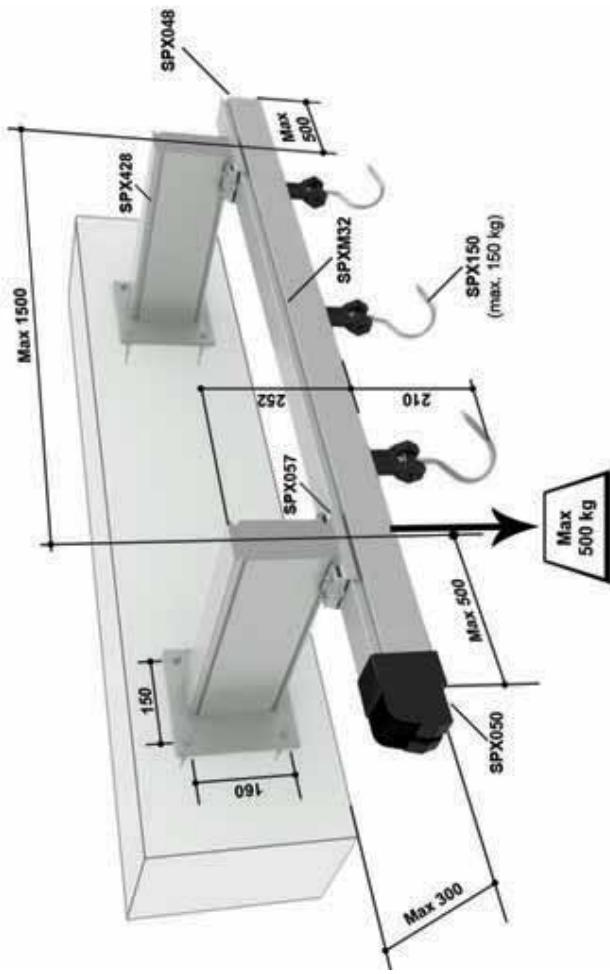
SPX057

Cross clamp in aluminium anodized 20 micron
for meat rail beam fixing



SPX150

SIMPLEX pulley 150 kg load capacity with
hook Ø 12 mm in stainless steel



Ceiling mount sliding hangers

Dimensions in mm



Ceiling mount sliding hangers



SPX150
SIMPLEX pulley, 150 kg load capacity with
hook Ø 12 mm in stainless steel



SPXM32
Meat rail H 90 x 70 mm in aluminium
anodized 20 micron
(cut on)



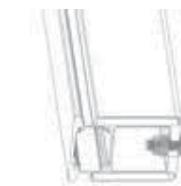
SPXS33
Ceiling mount tie rod H 120 mm in aluminium
anodized 20 micron



SPX784
Ceiling mount tie rod H 500 mm in aluminium
anodized 20 micron



SPX060
Stainless steel threaded rod 10mmx215 mm
for direct ceiling joint



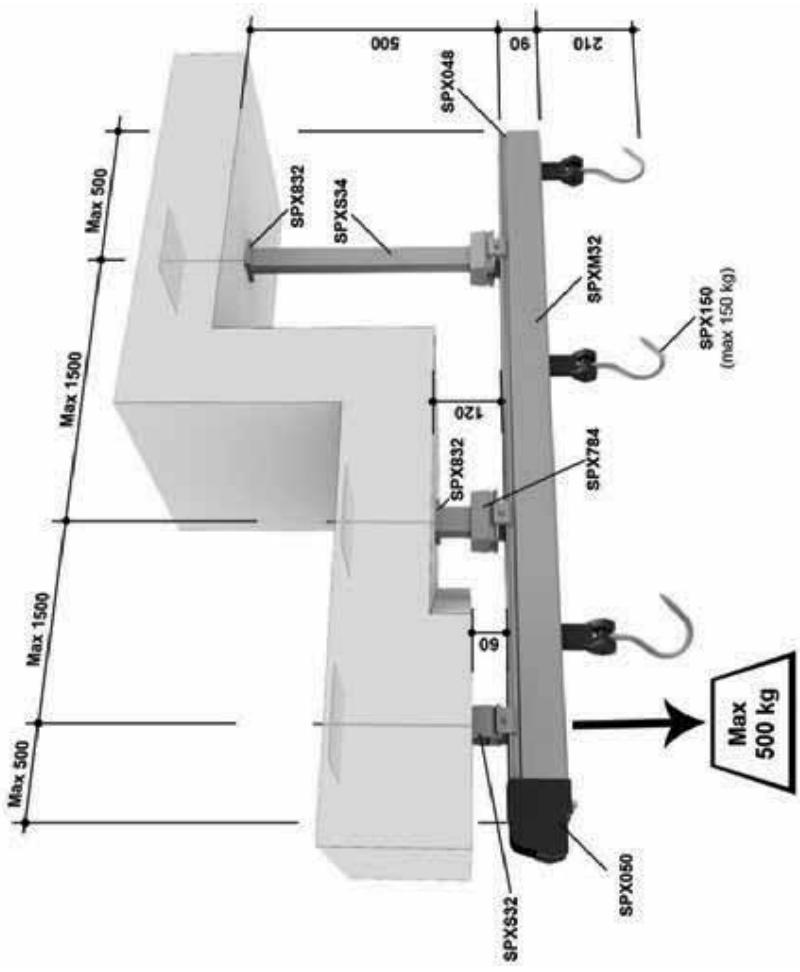
SPX048
Stainless steel terminal pulley block on meat rail



SPX050
Steel terminal for pulley insertion
Tilting steel terminal for
pulley insertion

Max
500

Max
500 kg

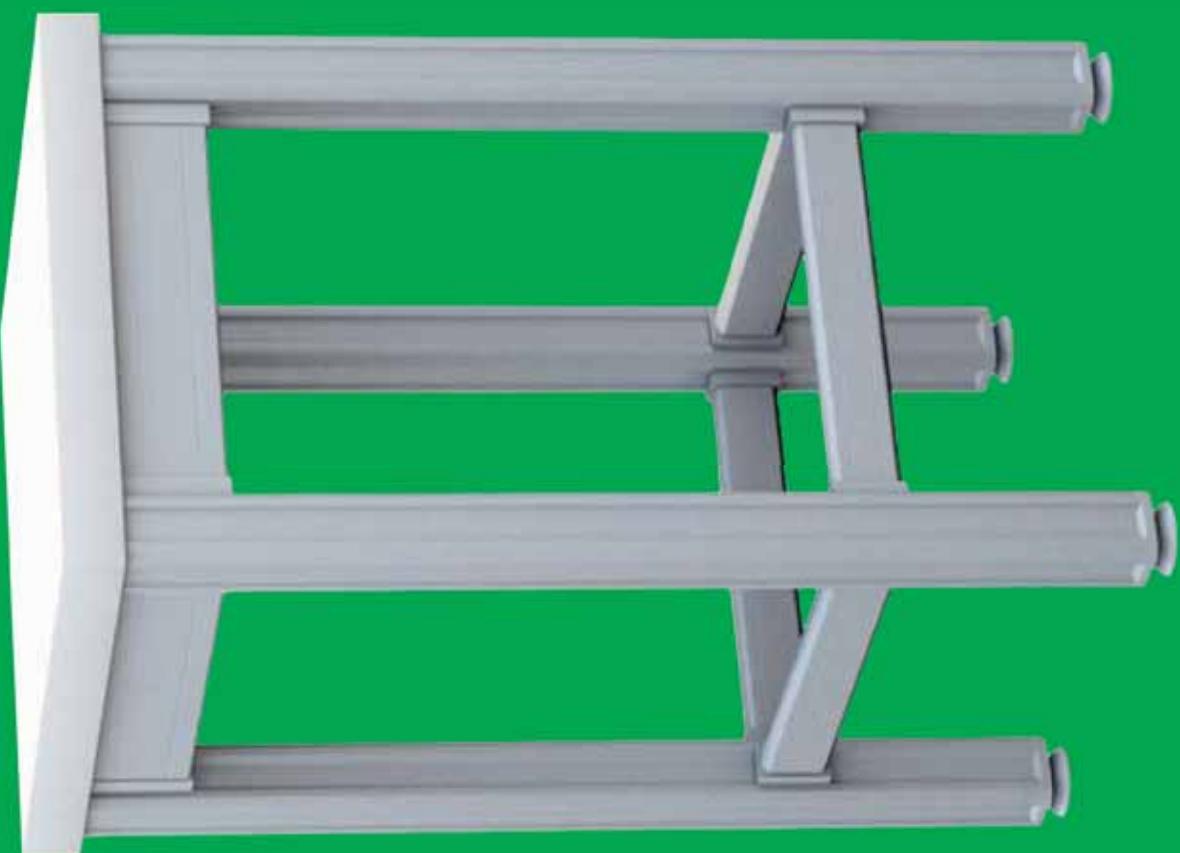


Max
500

Max
500 kg



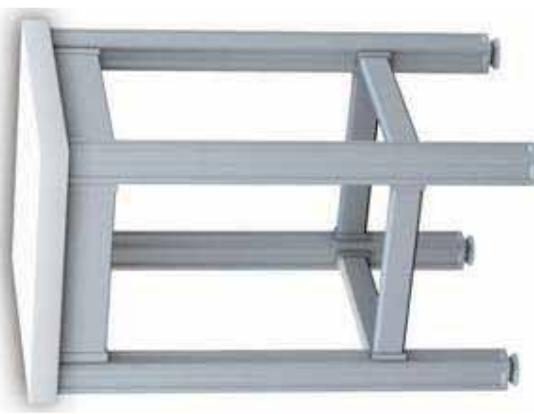
Chopping blocks and
tables in aluminium



Chopping blocks

Structure made of aluminium anodized 20 micron.
Working plane in polyethylene H 50 / 80 mm.
Easy to assemble is shipped un-mounted to improve transport efficiency.

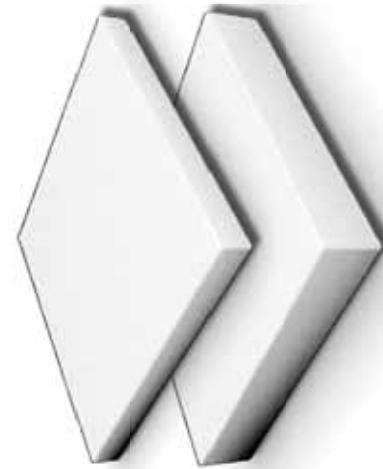
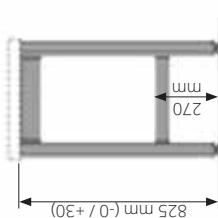
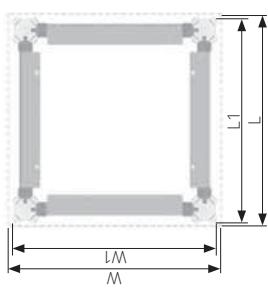
NEW!



ALUMINIUM STRUCTURE FOR CHOPPING BLOCKS
WITH LOWER FRAME*

Working plane	L x W (mm)	P/M	Aluminium framework dimensions
	L x W (mm)		L1 x W1 (mm)
400 X 400	SAC210		355 x 355
500 X 400	SAC215		482 x 355
600 X 400	SAC220		555 x 355
700 X 400	SAC225		632 x 355
500 X 500	SAC240		482 x 482
600 X 500	SAC245		555 x 482
700 X 500	SAC250		632 x 482
600 X 600	SAC265		555 x 555
700 X 600	SAC270		632 x 555
700 X 700	SAC285		632 x 632

*The lower shelf is never used with the chopping block



POLYETHYLENE WORK PLANE FOR CHOPPING BLOCKS

Work plane	Height 50 mm	Height 80 mm	P/N
400 X 400	P5CP10	P8CP10	
500 X 400	P5CP15	P8CP15	
600 X 400	P5CP20	P8CP20	
700 X 400	P5CP25	P8CP25	
500 X 500	P5CP40	P8CP40	
600 X 500	P5CP45	P8CP45	
700 X 500	P5CP50	P8CP50	
600 X 600	P5CP65	P8CP65	
700 X 600	P5CP70	P8CP70	
700 X 700	P5CP85	P8CP85	

POLYETHYLENE COVER FOR WORK PLANES

Work plane	Cover for work plane	P/N
400 X 400	CCP010	
500 X 400	CCP015	
600 X 400	CCP020	
700 X 400	CCP025	
500 X 500	CCP040	
600 X 500	CCP045	
700 X 500	CCP050	
600 X 600	CCP065	
700 X 600	CCP070	
700 X 700	CCP085	



Working tables in aluminium

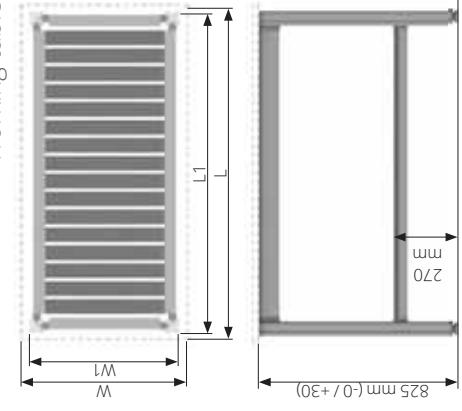
Structure made of aluminium anodized 20 micron.

Working plane in polyethylene H 25 / 50 mm.

Lower shelf available by request. (replaces the longitudinal bars)

Wheels with brakes can be added to make the working table movable.
Easy to assemble is shipped un-mounted to improve transport efficiency.

Working tables



ALUMINIUM STRUCTURE FOR WORKING TABLES
WITH LOWER FRAME ON 4 SIDES

Working plane	L x W (mm)	P/M	Aluminium framework dimensions
1000 x 500	SAT210	974 x 482	L1 x W1 (mm)
1000 x 600	SAT211	974 x 482	
1000 x 700	SAT212	974 x 632	
1200 x 500	SAT215	1124 x 482	
1200 x 600	SAT220	1124 x 482	
1200 x 700	SAT225	1124 x 632	
1400 x 600	SAT227	1349 x 482	
1400 x 700	SAT228	1349 x 632	
1500 x 600	SAT230	1424 x 482	
1500 x 700	SAT235	1424 x 632	
2000 x 700	SAT240	1949 x 632	

ALUMINIUM STRUCTURE FOR WORKING TABLES WITH LOWER SHELF

Working plane	L x W (mm)	P/N	Dimensions (mm)	P/N	Dimensions (mm)	P/N	Dimensions (mm)
1000 x 500	SAT310	450 x 850	SAT410	450 x 850	SAT510	450 x 850	
1000 x 600	SAT311	450 x 850	SAT411	450 x 850	SAT511	450 x 850	
1000 x 700	SAT312	600 x 850	SAT412	600 x 850	SAT512	600 x 850	
1200 x 500	SAT315	450 x 1000	SAT415	450 x 1000	SAT515	450 x 1000	
1200 x 600	SAT320	450 x 1000	SAT420	450 x 1000	SAT520	450 x 1000	
1200 x 700	SAT325	600 x 1000	SAT425	600 x 1000	SAT525	600 x 1000	
1400 x 600	SAT327	450 x 1225	SAT427	450 x 1225	SAT527	450 x 1225	
1400 x 700	SAT328	600 x 1225	SAT428	600 x 1225	SAT528	600 x 1225	
1500 x 600	SAT330	450 x 1300	SAT430	450 x 1300	SAT530	450 x 1300	
1500 x 700	SAT335	600 x 1300	SAT435	600 x 1300	SAT535	600 x 1300	
2000 x 700	SAT340	600 x 1825	SAT440	600 x 1825	SAT540	600 x 1825	

POLYETHYLENE WORK PLANE H 25 mm*



Work plane	Without back upstand	Without back upstand (H 120 mm)	P/N
L x W (mm)	P/N	P/N	
1000 x 500	P2TV10	P2AZ10	
1000 x 600	P2TV11	P2AZ11	
1000 x 700	P2TV12	P2AZ12	
1200 x 500	P2TV15	P2AZ15	
1200 x 600	P2TV20	P2AZ20	
1200 x 700	P2TV25	P2AZ25	
1400 x 600	P2TV27	P2AZ27	
1400 x 700	P2TV28	P2AZ28	
1500 x 600	P2TV30	P2AZ30	
1500 x 700	P2TV35	P2AZ35	
2000 x 700	P2TV40	P2AZ40	

*H 50 mm available by request

4 WHEELS KIT Ø 125 mm WITH BRAKES*

Art.	Description
ATA010	4 wheels kit Ø 125 mm with brake in thermoplastic material + Always add the lower shelf to the structure

*Always add the lower shelf to the structure



NEW!



Special measures by request



Framework with lower frame
+ working plane



Table assembly



Framework with lower shelf
+ working plane



Reduced volume
for transport



Framework with lower shelf
+ working plane with back upstand

WORKSTATION

Stand-alone working table

Made to be used where the walls can not support the installation of a bracket (prebuild walls, plasterboard walls, refrigerated panels, etc.)

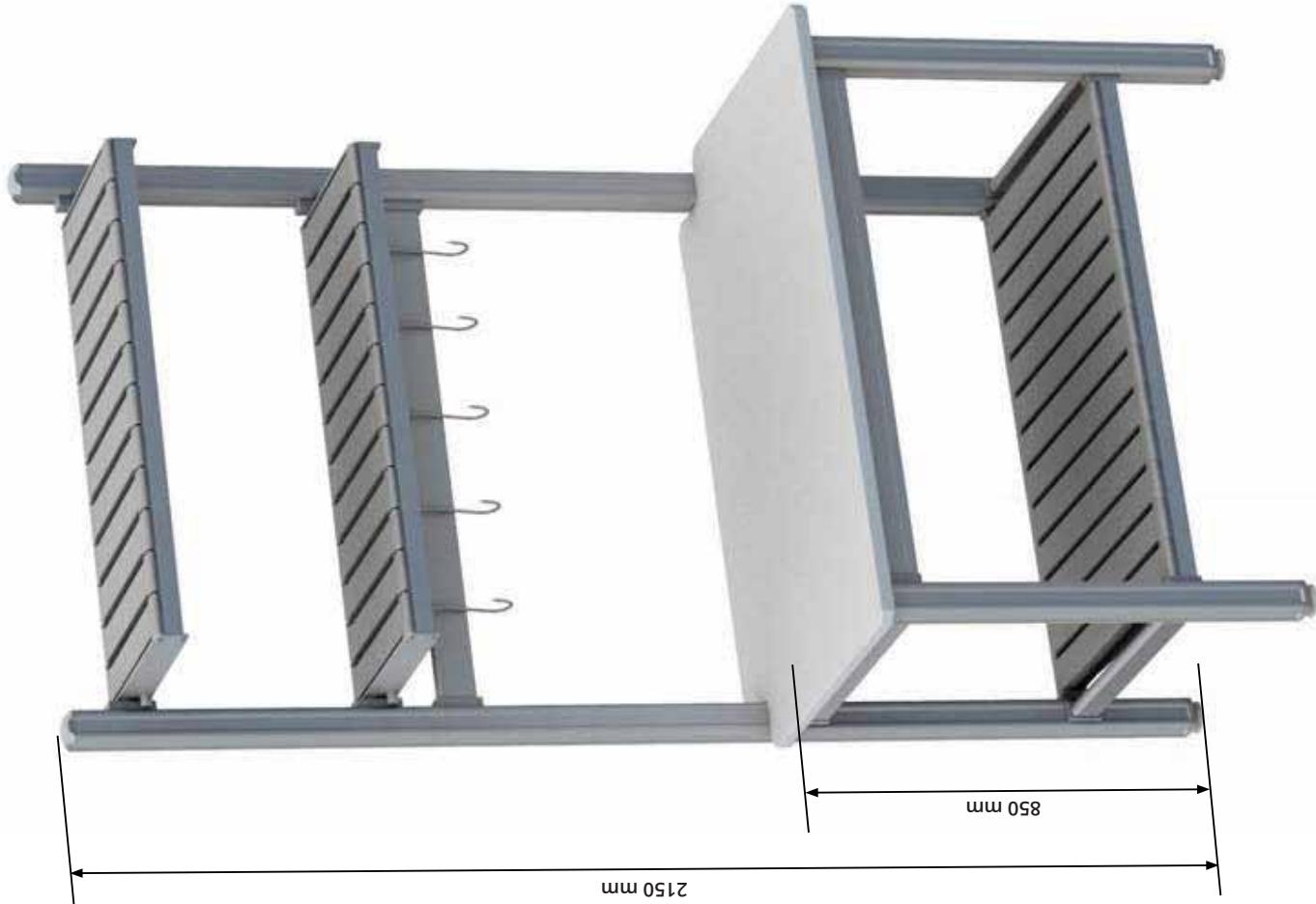
Structure made of aluminium anodized 20 micron.
Working plane in polyethylene H 25 mm.

Additional lower shelf.

Complete with 2 foldable shelf D 375 mm.

Hanging bar standard, complete with "S" shaped hooks.

Easy to assemble is shipped un-mounted to improve transport efficiency.

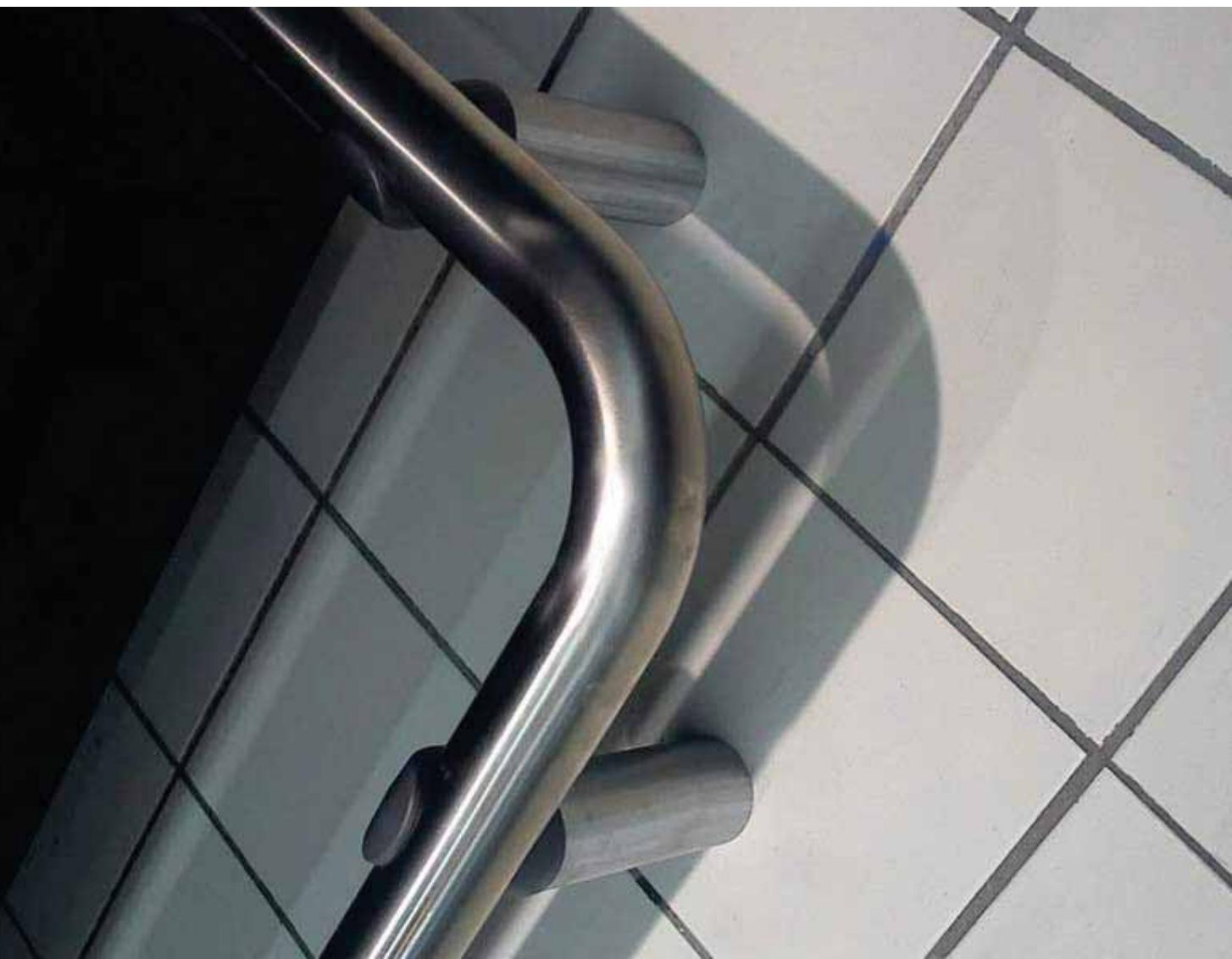


STAND-ALONE WORKING TABLE

P/N	Length	Width	Work plane height	Total height
TPS026	1200	750	850	2150
TPS036	1600	750	850	2150

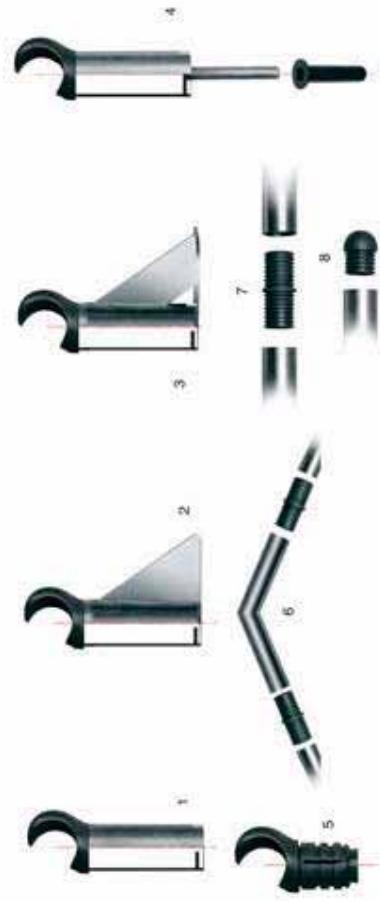


Stainless steel
bumper protections



Stainless steel bumper protection

Stainless steel feet & components



STRONGNESS

- Shocks resistant
- Easy to repair
- No visible weldings
- No visible fixing

LOOK

- Specific materials ideal for hygiene purposes:
- Stainless steel and polyethylene
- Precise assemblies
- Rounded off angles and edges

HYGIENE

- Easily adaptable, ideal for refurbishments
- Disassembly, modifications and fixing without any need of skilled labour
- Long lasting
- Easily reusable
- No particular maintenance required

COST-EFFECTIVE

- | STAINLESS STEEL FEET | | |
|----------------------|--------|--|
| Num. | P/N | Description |
| 1 | CLM018 | Stainless steel foot with base (with CLM016 or CLM027, not included) |
| 2 | CLM013 | Stainless steel foot with base reinforced (with CLM016 or CLM027, not included) |
| 3 | CLM015 | Stainless steel foot with base reinforced "Plus" (with CLM016 or CLM027, not included) |
| 4 | CLM031 | Removable stainless steel foot with pivot, plastic cover included |

COMPONENTS		
Num.	P/N	Description
5	CLM007	Plastic hook for foot
6a	CL018.01	Stainless steel corner 135° (linear connection not included)
6b	CL031.01	Stainless steel corner 157,5° (linear connection not included)
7	CL008.01	Plastic linear connection Ø 48,3 x 1,6 mm
8	CL009.01	Plastic end cap Ø 48,3 x 1,6 mm

GENERAL CATALOGUE 2015/16		

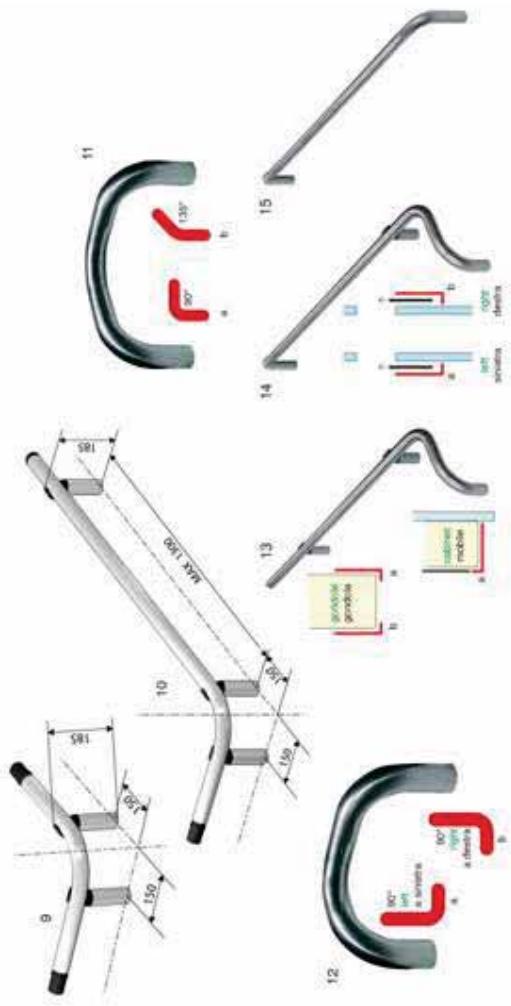
Stainless Steel Angles, Arches and Passages



10 - Stainless Steel 90° Asymmetrical Tube 1125 x 375



11a - Stainless steel arch 90°



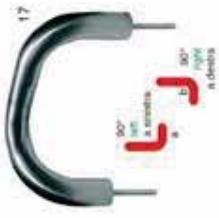
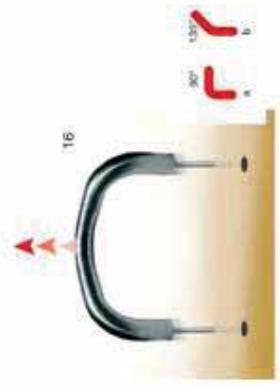
Num.	P/N	Description
9	CLM059	Stainless steel 90° symmetrical tube 375 x 375 (linear connection and 2 feet not included)
10	CLM058	Stainless steel 90° asymmetrical tube 1125 x 375 (Linear connection or end cap and 3 feet not included)
11a	891.01S	Stainless steel arch 90° (with CLM016 or CLM022, not included)
11b	89175	Stainless steel arch 135° (with CLM016 or CLM022, not included)
12a	8908.01S	Stainless steel 90° asymmetrical left (with CLM016 or CLM022, not included)
12b	8909.01S	Stainless steel 90° asymmetrical right (with CLM016 or CLM022, not included)
13a	8923.01S	Stainless steel stretched bend 90° bend to line asymmetrical right (Remember 2 feet CLM016 or CLM022, not included)
13b	8924.01S	Stainless steel stretched bend 90° bend to line asymmetrical left (Remember 2 feet CLM016 or CLM022, not included)
14	8914.01S	Stainless steel stretched bend to bend 90° asymmetrical left, central foot included (CLM016 or CLM022, not included)
14b	8915.01S	Stainless steel stretched bend to bend 90° asymmetrical right, central foot included (CLM016 or CLM022, not included)
15	89655	Stainless steel protection arch straight (CLM016 or CLM022, not included)

Removable steel bumper protections

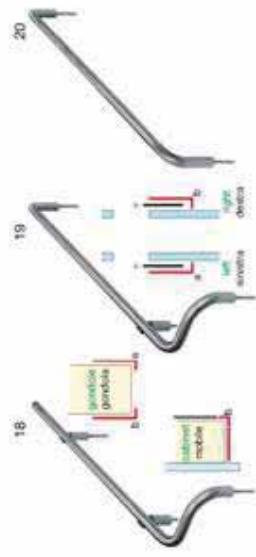
Removable Stainless Steel Angles, Arches and Passages



Customized dimensions upon request



Num.	P/N	Description
16a	8911.01M	Removable stainless steel arch 90°, with plastic cover
16b	8917M	Removable stainless steel arch 135°, with plastic cover
17a	8908.01M	Removable stainless steel arch 90° asymmetrical left, with plastic cover
17b	8909.01M	Removable stainless steel arch 90° asymmetrical right, with plastic cover
18a	8923.01M	Stainless steel stretched bend 90° asymmetrical right (remember 2 feet CLM031, not included)
18b	8924.01M	Stainless steel stretched bend 90° asymmetrical left (remember 2 feet CLM031, not included)
19a	8914.01M	Removable stainless steel stretched bend 90° bend to line asymmetrical left, central foot CLM031 included
19b	8915.01M	Removable stainless steel stretched bend 90° bend to line asymmetrical right, central foot CLM031 included
20	8965M	Removable stainless steel protection arch straight (with CLM016 or CLM022, not included)



Stainless steel vertical bumper

Bumper protections

STAINLESS STEEL VERTICAL BUMPER

STAINLESS STEEL VERTICAL BUMPER			
Num.	P/N		Description
21a	8910		Stainless steel half-moon corner protection h 35 cm, 3 point fixing (CL042 not included)
21b	8916		Stainless steel half-moon corner protection h 50 cm, 3 point fixing (CL042 not included)
22a	8990		Stainless steel half-moon square corner protection h 38 cm, 3 point fixing (CL042 not included)
22b	8996		Stainless steel half-moon square corner protection h 59 cm, 3 point fixing (CL042 not included)
23	8937		Stainless steel bumper protection post h 69 cm, 4 point fixing (CL042 not included)
24	8940		Stainless steel bumper protection post h 69 cm with stainless steel cover, 4 point fixing (CL042 not included)

FIXING

FIXING			
Num.	P/N		Description
25a	CLM016		Bracket Ø 20 + screw M12 x 100
25b	CLM024		Bracket Ø 20 + screw M12 x 120
26a	CLM027		Threaded bar M12 x 130
26b	CLM022		Threaded bar M12 x 160
27	CL042		Stainless steel screw H10 x 70 + bracket
28	CL065		Plastic cover for feet, removable line
29	CL029		Gun for resin tube
30	CL025		Resin tube



24 - Stainless Steel Bumper Protections Post H 69 cm



STAINLESS STEEL TUBE Ø 48.3 x 1.6 mm

STAINLESS STEEL TUBE Ø 48.3 x 1.6 mm			
Num.	P/N		Description
31a	CLM061		3 m AISI 304 stainless steel tube Ø 48.3
31b	CL071		Tailor made AISI 304 stainless steel tube Ø 48.3 (max length 3 m)
32a	CLM062		3 m stainless steel tube Ø 48.3
32b	CL072		Tailor made stainless steel tube Ø 48.3 (max length 3 m)
33	CLM026		Flat-rate price for each tube cut



ALUMINIUM

Aluminium, thanks to the large quantity of bauxite and its versatility, is the most widely used metal after steel. Aluminium can be used in a vast number of applications and types of recycle due to its characteristics:

- Lightweight but impact resistant.
- Durable.
- Resistant to corrosion.
- Non-toxic and without effects to the taste and the color of foods.
- Hygienically safe (protection against light, air, humidity, odors and microorganisms).
- Non-magnetic: it is not attracted to magnets and can therefore be used in the manufacturing of devices like as radios, radar and stereo .
- Malleable, ductile, easily workable.
- Versatile: can form many alloys, both rigid and flexible.
- 100% recyclable.



Currently a quarter of european needs is met by using aluminium metal second melting, which can be recycled basically forever. The same metal could be used as metal lid of a yogurt container for two months, being recycled as part of a car engine for many years, and being again recycled for a third time.

Recycled aluminium saves 95% of the needed energy to manufacture it from ore, most of the industrialized countries keep on developing systems of scrap collection that can now retrieve up to 70% of all aluminium components of cars.

Since the use of aluminium in transportation, household appliances, packaging and other sectors is growing, the collection and recycle of the metal are always more important.

HIGH DENSITY POLYETHYLENE



The high-density polyethylene (HDPE) is a thermoplastic polymer derived from oil widely used in food and beverage industry. HDPE has little ramifications so that the intermolecular forces and tensile resistance are higher than in fluid varieties of polyethylene. It has high mechanical strength and good rigidity and it's resistant to acids, alkalis, saline solutions and organic solvents.

HDPE has a high specific strength and can withstand high temperatures (120° c for short periods, 90° c continuously). In contrast to polypropylene, has an excellent resistance to low temperatures. HDPE, as well as LDPE and pet, is one of the easiest to recycle polymer and it's widely reused thanks to the differentiate urban rubbish collection. HDPE is recycled for the production of liquid containers, bags, packaging, agricultural pipes, bollards, football pitches and artificial wood.



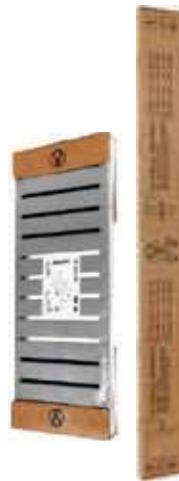
EKO FIT FOR A SUSTAINABLE DEVELOPMENT

Sustainable development meets the needs of present generations without compromising the possibility for future generations to meet their needs, a process where the resource management, the direction of investments, the orientation of technological development and institutional changes live in complete harmony and increase current and future capabilities to satisfy human needs and ambitions.

For this reason, we decided to use only recyclable materials like aluminium and high-density polyethylene to manufacture our products. For example, polyethylene and aluminium are used for the production of a new plastic material, the ecoalene®.

This versatile and durable plastic material, is packaged and sold in the form of granules and it's suitable for use in various sectors of the plastic molding. In Germany, polyethylene and aluminium are used as catalysts in cement kilns. The mixture of polymers and aluminium refuels the furnaces as a form of alternative fuel, usually replacing coal.

In Brazil, a patented machine cleans polyethylene and aluminium in the process of recycling paper. This machine allow higher efficiency in the fiber salvage, and, at the same time, better quality pellets for injection molding. The combined properties of polymers and aluminium allow the production of cardboard sheets to be used in construction.



FLAT PACKAGING

Thanks to Eko Fit flat packaging, transport volumes are reduced and consequently the CO2 emissions in the air.

Official Dealer

 **TONON**
food storage specialist

TONON & C. sas - Via Liguria, 33

10071 BORGARO (TO) - ITALY

TEL. +39 0114701173 - FAX +39 0114703107

www.tonon.com - sales@tonon.com