

ROL | Load
Catalog
2024



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About ROL

ROL is an entrepreneur-driven and global market leader in ergonomically optimized office furniture and retail solutions. Our expertise in design, engineering, manufacturing, and technology ensures purpose-aligned, superior quality solutions for inspiring and sustainable environments, where we live, work, shop, and socialize.

ROL was founded in Sweden 1985. With a turnover surpassing SEK 2.1 Billion and a diverse team of 940 professionals worldwide, we're making difference in the industries. Our expansive markets across the Nordics, Lithuania, China, Italy, Germany, United Kingdom, and USA enable us to establish a global reach while maintaining a strong local presence.

ROL Retail Concepts

ROL Retail Concepts combines the rich heritage of ROL with cutting-edge technology and an extensive partner network. We specialize in project management, concept development, sourcing, manufacturing, global logistics, installations, and turnkey services in select markets. Our flexible setup of competences ensures we meet our customers' unique needs.

From retail and restaurants to public spaces, we excel in delivering complex projects worldwide. Our global presence and specialized skillsets empower us to confidently handle every aspect, from sourcing to installation and aftermarket support. With expertise spanning various retail sectors like service stations, home interiors, fashion, supermarkets, restaurants, pharmacies, cinemas, and consumer electronics, we bring tailored solutions to diverse environments.



ROL Load – Introduction

The ROL Load shelving system is our solution for medium to heavy loading applications. It is best known for offering superb versatility, strength, and value for money, leveraging nearly 20 years on the market, serving our customers' concepts. This modular system can be customized and adapted to many types of retail environments.

It is the perfect solution for medium to larger-sized retail spaces such as supermarkets, hyperstores, and DIY-stores, but also suits storage spaces and other areas where there is a demand for higher loading capacity.

The shelving units are available as standard in six heights, three widths, six depths, and come powder-coated in the color of your choice. It is a versatile system and is designed to be easy to assemble and disassemble. It can be built freestanding or wall-mounted, depending on the concept requirements. Uprights can be constructed in both L- and T-variants.

ROL shelving - Introduction

ROL Retail Concepts offers two standard shelving systems – **ROL Load & ROL Line**. Both are entirely modular and designed to meet all the fundamental needs within retail. These systems are versatile enough to be used in various types of stores, from small C-stores to large Hypermarkets. Throughout our extensive experience working with them, we have developed and supplied a wide range of accessories; far beyond what is presented in our catalogues. Therefore, never hesitate to contact us to discuss any special solution or need.

The **ROL Load** system outlined in this catalogue primarily targets larger retail spaces, such as supermarkets. We are confident in presenting this as a well-proven, extremely robust, and simultaneously flexible system.

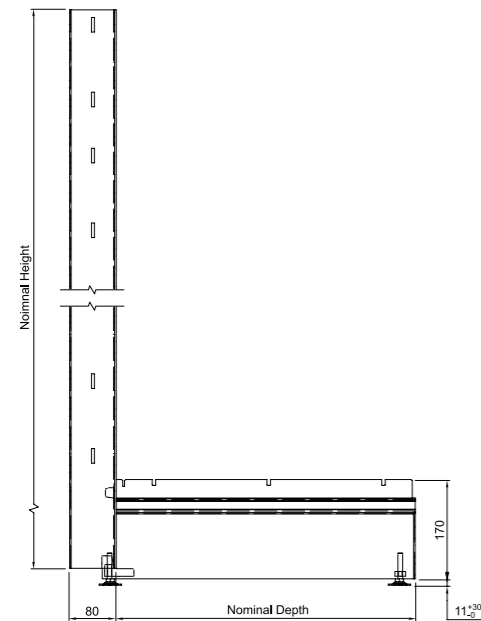
Fully engineered and manufactured by ROL within the EU, the system consists of all the basic parts needed to build your medium to heavy loading wall bays and gondolas. When there is a demand for less loading capacities, we instead offer the ROL Line system (see separate catalogue).

This system targets service stations, convenience stores, and other retail chains less dependent on storing heavy goods on their shelves. However, many of the components and accessories in both catalogues are fully compatible between the systems. Please talk to your sales representative to find the best solution for your concept.

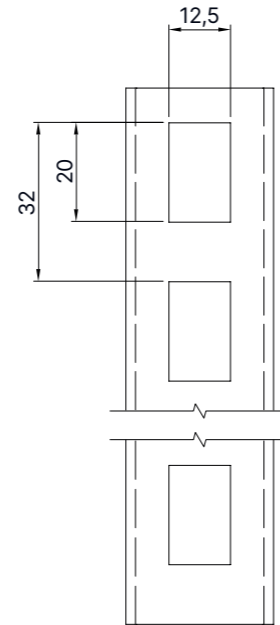


Key Details

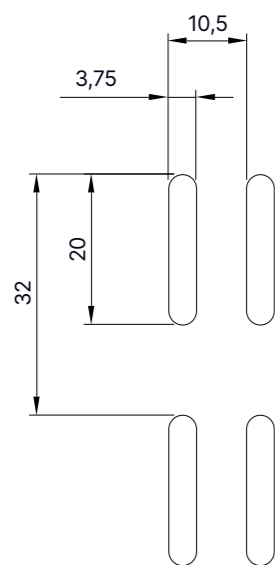
Upright Dimensions



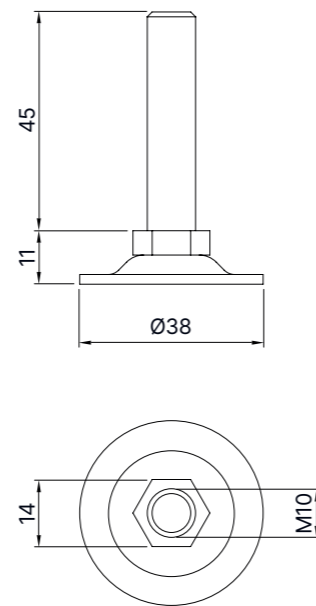
Upright Slot pattern



Backpanel Perforation pattern



Adjuster Dimensions



Key Features

Steel tubular uprights with profile dimension 80x30 mm and slot pitch 32 mm.

Fast and nearly toolless assembly.

Rigid crossbars that allow for a flexible choice between steel back panels and wooden backboards.

Heavy-duty adjusters that are easily managed with a 14 mm wrench, allowing for up to 30mm height adjustment.

Uprights have removable heavy-duty feet, for flexible configuring and store rebuilding, as well as low transport costs.

All steel is powder-coated and/or electro-galvanized for high durability and rust protection.

Main dimensions

Standard feet depths: 400, 500, 600, 800 mm.

Standard heights: 1400, 1600, 1900, 2150, 2400, 3000 mm.

Standard widths: 600, 900, 1300 mm.

Standard shelf depths: 300, 400, 500, 600, 800 (2x400) mm.

Uprights



Uprights



PART NO.	DESCRIPTION
16403800	Upright 1400
16403900	Upright 1600
16404000	Upright 1900
16404100	Upright 2150
16404200	Upright 2400
16404300	Upright 3000

Uprights Front



PART NO.	DESCRIPTION
17963600	Upright Front 1400
16404400	Upright Front 1600
16403000	Upright Front 1900
16404500	Upright Front 2150
16404600	Upright Front 2400
16404700	Upright Front 3000

Uprights Wall



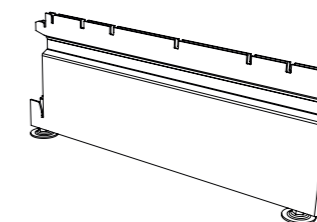
PART NO.	DESCRIPTION
16427900	Wall Upright 2400

Uprights Extension



PART NO.	DESCRIPTION
16413700	Upright Extension 288

Uprights Feet

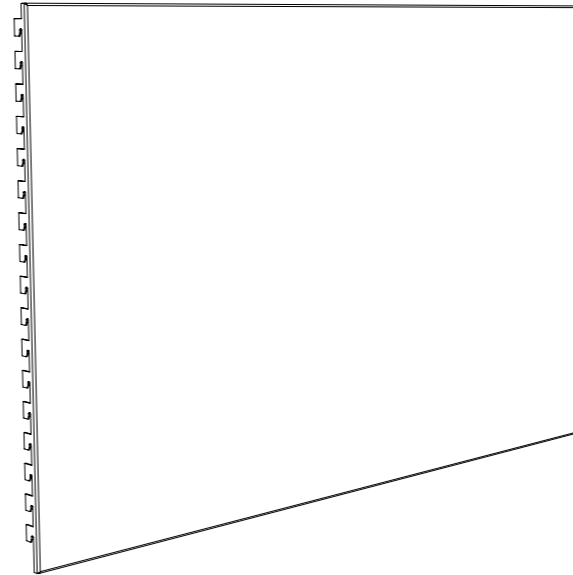


PART NO.	DESCRIPTION
15500000	Foot 400
15500100	Foot 500
15500200	Foot 600
15508300	Foot 800

Backpanels



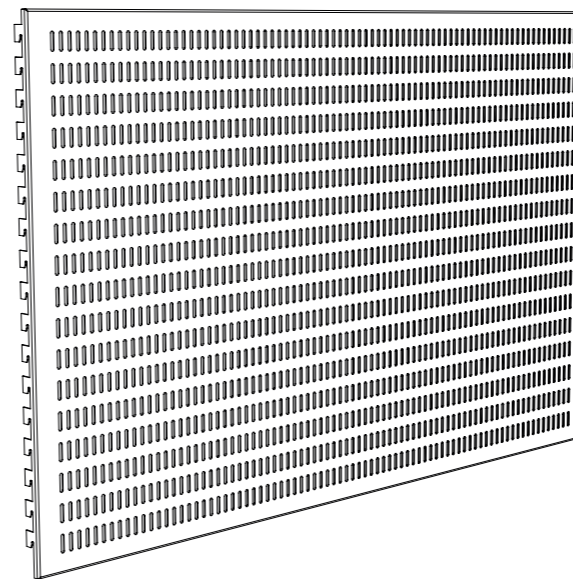
Backpanels Standard



PART NO.	DESCRIPTION
15571100	Backpanel 32/600x320
15571200	Backpanel 32/600x416
15571300	Backpanel 32/600x576
15571400	Backpanel 32/600x608
15571500	Backpanel 32/900x320
15571600	Backpanel 32/900x416

PART NO.	DESCRIPTION
15571700	Backpanel 32/900x576
15571800	Backpanel 32/900x608
15581700	Backpanel 32/1300x320
15581800	Backpanel 32/1300x416
15581900	Backpanel 32/1300x576
15582000	Backpanel 32/1300x608

Backpanels Perforated



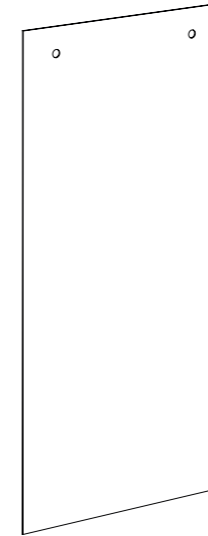
PART NO.	DESCRIPTION
17970200	Backpanel Perf 32/600x320
17970300	Backpanel Perf 32/600x416
18401800	Backpanel Perf 32/600x576
17970400	Backpanel Perf 32/600x608
17970500	Backpanel Perf 32/900x320
17970600	Backpanel Perf 32/900x416

PART NO.	DESCRIPTION
18400100	Backpanel Perf 32/900x576
17970700	Backpanel Perf 32/900x608
17970800	Backpanel Perf 32/1300x320
17970900	Backpanel Perf 32/1300x416
17971000	Backpanel Perf 32/1300x576
17970000	Backpanel Perf 32/1300x608

Backboards



Backboards Grey



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
15535000	Backboard 600x1400 Grey	15504100	Backboard 900x2150 Grey
15517000	Backboard 600x1600 Grey	15522100	Backboard 900x2400 Grey
15521600	Backboard 600x1900 Grey	15552387	Backboard 900x3000 Grey
15508200	Backboard 600x2150 Grey	17963700	Backboard 1300x1400 Grey
15522200	Backboard 600x2400 Grey	15503900	Backboard 1300x1600 Grey
15552087	Backboard 600x3000 Grey	15518200	Backboard 1300x1900 Grey
15535900	Backboard 900x1400 Grey	15507600	Backboard 1300x2150 Grey
15509300	Backboard 900x1600 Grey	15517100	Backboard 1300x2400 Grey
15517500	Backboard 900x1900 Grey	15551887	Backboard 1300x3000 Grey



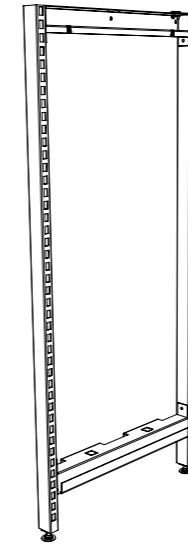
Wooden Backboards is an interesting alternative to traditional steel Backpanels. It comes painted in grey, white, black or red as standard, but can be made in any print or color upon request.

The part numbers shown in the table refer to grey color.

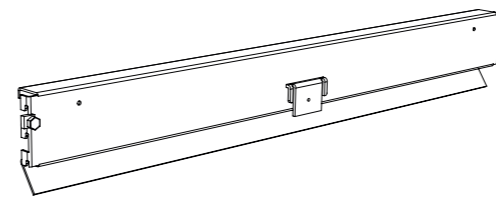
End Frames



End Frames



Crossbar for End Frames



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
16420000	End Frame 600x1400	17971800	End Frame 1200(2x600)x1400
16420300	End Frame 600x1600	17971900	End Frame 1200(2x600)x1600
16420600	End Frame 600x1900	17972000	End Frame 1200(2x600)x1900
16420900	End Frame 600x2150	17972100	End Frame 1200(2x600)x2150
16421200	End Frame 600x2400	17972200	End Frame 1200(2x600)x2400
16421500	End Frame 600x3000	17972300	End Frame 1200(2x600)x3000
16420100	End Frame 900x1400	16420200	End Frame 1300x1400
16420400	End Frame 900x1600	16420500	End Frame 1300x1600
16420700	End Frame 900x1900	16420800	End Frame 1300x1900
16421000	End Frame 900x2150	16421100	End Frame 1300x2150
16421300	End Frame 900x2400	16421400	End Frame 1300x2400
16421600	End Frame 900x3000	16421700	End Frame 1300x3000

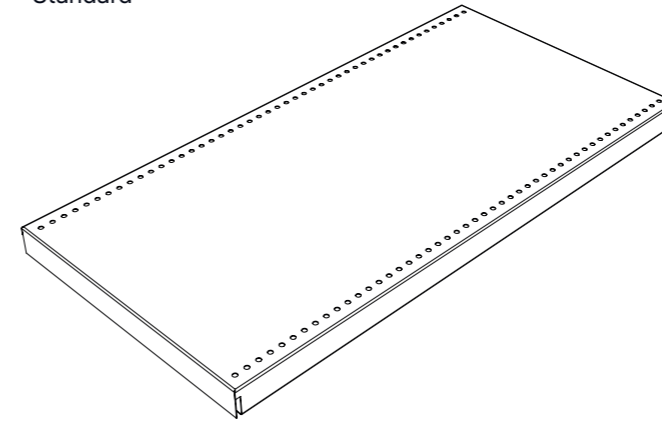
PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
17963800	Crossbar End Frame 600	17963900	Crossbar End Frame 1200(2x600)
16423600	Crossbar End Frame 900	16423700	Crossbar End Frame 1300



Shelves



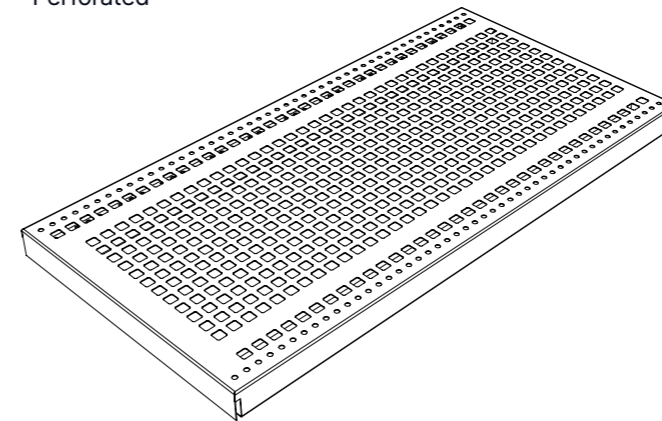
Shelves Standard



PART NO.	DESCRIPTION
16408700	Shelf 600x300
16408800	Shelf 600x400
16408900	Shelf 600x500
16409000	Shelf 600x600
17971700	Shelf 600x800(2x400)
16408300	Shelf 900x300
16408400	Shelf 900x400
16408500	Shelf 900x500

PART NO.	DESCRIPTION
16409300	Shelf 900x600
15558800	Shelf 900x800(2x400)
15500800	Shelf 1300x300
16408000	Shelf 1300x400
16408100	Shelf 1300x500
15539000	Shelf 1300x600
17964000	Shelf 1300x800(2x400)

Shelves Perforated



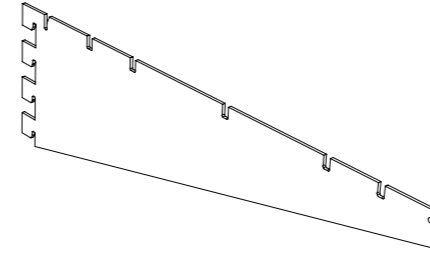
PART NO.	DESCRIPTION
16407800	Shelf Perf 600x300
16407700	Shelf Perf 600x400
16407600	Shelf Perf 600x500
16407500	Shelf Perf 600x600
15552600	Shelf Perf 600x800(2x400)
16407400	Shelf Perf 900x300
16407300	Shelf Perf 900x400
16407200	Shelf Perf 900x500

PART NO.	DESCRIPTION
16407100	Shelf Perf 900x600
15552700	Shelf Perf 900x800(2x400)
16407000	Shelf Perf 1300x300
16406900	Shelf Perf 1300x400
16405700	Shelf Perf 1300x500
15510600	Shelf Perf 1300x600
15552800	Shelf Perf 1300x800(2x400)

Shelves Fittings



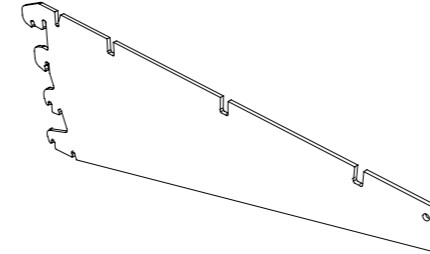
Brackets Straight



PART NO.	DESCRIPTION
15503100	Bracket 300
15503200	Bracket 400
15503300	Bracket 500

PART NO.	DESCRIPTION
15503400	Bracket 600
15508800	Bracket 800

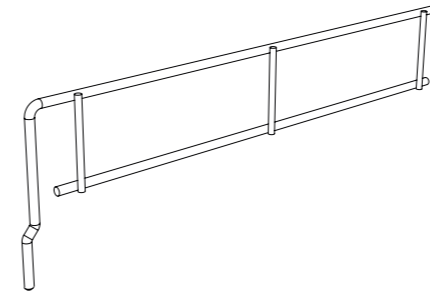
Brackets Adjustable



PART NO.	DESCRIPTION
15573300	Bracket Adjustable 300
15573200	Bracket Adjustable 400

PART NO.	DESCRIPTION
15573100	Bracket Adjustable 500

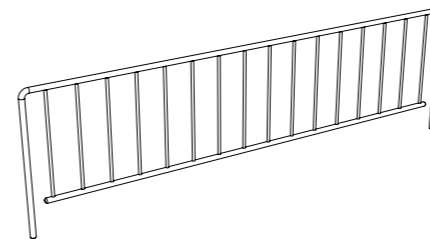
Divider Low



PART NO.	DESCRIPTION
16422800	Divider Wire 300x60
16422900	Divider Wire 400x60
16423000	Divider Wire 500x60

PART NO.	DESCRIPTION
16423100	Divider Wire 600x60
17964100	Divider Wire 800x60

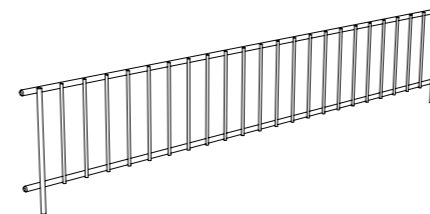
Divider High



PART NO.	DESCRIPTION
17964200	Divider Wire 300x90
18101800	Divider Wire 400x90
18101900	Divider Wire 500x90

PART NO.	DESCRIPTION
18102000	Divider Wire 600x90
17964300	Divider Wire 800x90

Front Grids



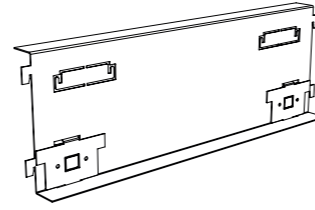
PART NO.	DESCRIPTION
2600600	Front Grid 600x90
2609000	Front Grid 900x90

PART NO.	DESCRIPTION
15507800	Front Grid 1300x90

Essential Fittings

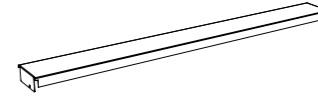


Crossbars



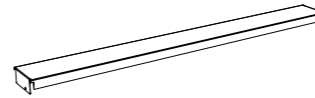
PART NO.	DESCRIPTION
16403700	Crossbar 600
16403100	Crossbar 900
16403200	Crossbar 1300

Top Covers for Backpanels



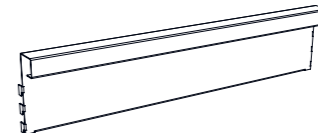
PART NO.	DESCRIPTION
17964400	Top Cover f Backpanel 600
17964500	Top Cover f Backpanel 900
17964600	Top Cover f Backpanel 1300

Top Covers for Backboards



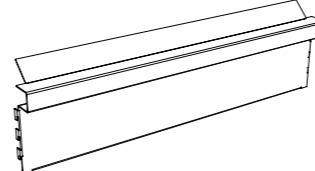
PART NO.	DESCRIPTION
15535300	Top Cover f Backboard 600
15535100	Top Cover f Backboard 900
17964700	Top Cover f Backboard 1300

Kickplate Standard



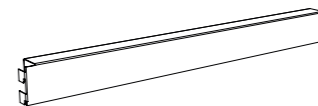
PART NO.	DESCRIPTION
15506200	Kickplate 600
15506300	Kickplate 900
15532700	Kickplate 1300

Kickplate for Front Upright

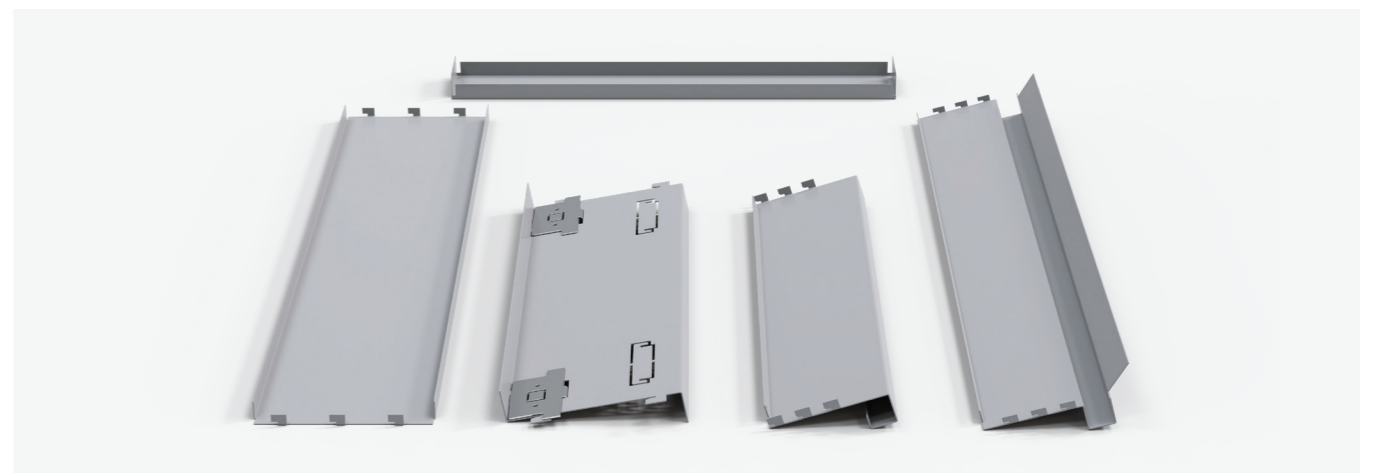


PART NO.	DESCRIPTION
15506000	Kickplate Upright Front 600
15506100	Kickplate Upright Front 900
15505800	Kickplate Upright Front 1300
15505900	Kickplate Upright Front 1800

Frontbar



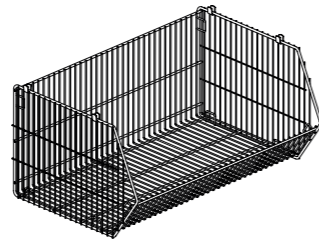
PART NO.	DESCRIPTION
15510300	Front Bar 600
15510400	Front Bar 900
15541800	Front Bar 1300
15500300	Front Bar 1800



Optional Fittings

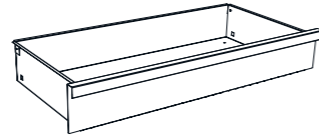


Wire Baskets



PART NO.	DESCRIPTION
15552400	Wire Basket 900x500x400
15552500	Wire Basket 900x600x400
15553200	Wire Basket 900x800x400
15553100	Wire Basket 1200x500x400
15514500	Divider Wire Basket 500
15514600	Divider Wire Basket 600
15521300	Divider Wire Basket 800
15565700	Wire Basket Foldable High 600x400
15557100	Wire Basket Foldable High 900x500
15599500	Divider Wire Basket Foldable 500x700/600
15567400	Wire Basket Foldable Low 600x500
15567500	Wire Basket Foldable Low 900x500
16464000	Divider Wire Basket Foldable 500x350/200

Drawers



PART NO.	DESCRIPTION
17964800	Drawer 600x400
15569000	Drawer 900x400
17964900	Drawer 1300x400

Hook Bars Deep



PART NO.	DESCRIPTION
3416200	Rear Support Bar 600x200/22x6
3416300	Rear Support Bar 600x300/22x6
3419200	Rear Support Bar 900x200/22x6
3419300	Rear Support Bar 900x300/22x6

Hook Bars Standard



PART NO.	DESCRIPTION
3406000	Rear Support Bar 600/22x6
3409000	Rear Support Bar 900/22x6
15506700	Rear Support Bar 1300/22x6

Hook For Bar (Single)



PART NO.	DESCRIPTION
17960092	Hook f Bar 50 Single
17960192	Hook f. Bar 100 Single
17960292	Hook f. Bar 150 Single
17960392	Hook f. Bar 200 Single
17960492	Hook f. Bar 250 Single
17960592	Hook f. Bar 300 Single

Hook For Perf (Single)



PART NO.	DESCRIPTION
17957392	Hook f Perf Single 50
17957492	Hook f Perf Single 100
17957592	Hook f Perf Single 150
17957692	Hook f Perf Single 200
17957792	Hook f Perf Single 250
17957892	Hook f Perf Single 300

Hook For Bar (Double)



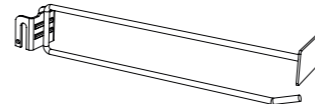
PART NO.	DESCRIPTION
17960692	Hook f Bar Double 50
17960792	Hook f Bar Double 100
17960892	Hook f Bar Double 150
17960992	Hook f Bar Double 200
17961092	Hook f Bar Double 250
17961192	Hook f Bar Double 300

Hook For Perf (Double)



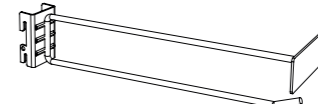
PART NO.	DESCRIPTION
17957992	Hook f Perf Double 50
17958092	Hook f Perf Double 100
17958192	Hook f Perf Double 150
17958292	Hook f Perf Double 200
17958392	Hook f Perf Double 250
17958492	Hook f Perf Double 300

Hook For Bar With Plate (Single)



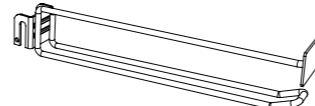
PART NO.	DESCRIPTION
17956192	Hook f Bar w Plate Single 50
17956292	Hook f Bar w Plate Single 100
17956392	Hook f Bar w Plate Single 150
17956492	Hook f Bar w Plate Single 200
17956592	Hook f Bar w Plate Single 250
17956692	Hook f Bar w Plate Single 300

Hook For Perf With Plate (Single)



PART NO.	DESCRIPTION
17958592	Hook f Perf w Plate Single 50
17958692	Hook f Perf w Plate Single 100
17958792	Hook f Perf w Plate Single 150
17958892	Hook f Perf w Plate Single 200
17958992	Hook f Perf w Plate Single 250
17959092	Hook f Perf w Plate Single 300

Hook For Bar With Plate (Double)



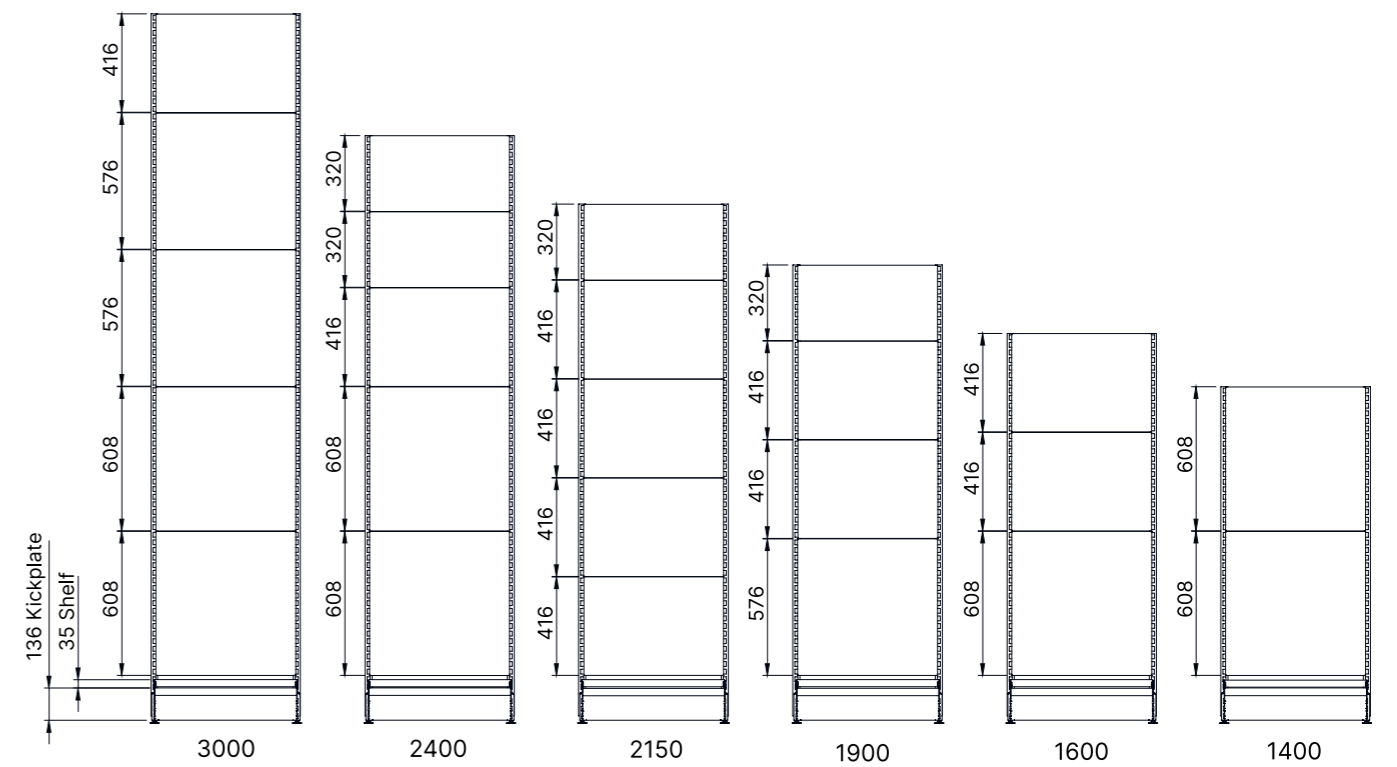
PART NO.	DESCRIPTION
17956792	Hook f Bar w Plate Double 50
17956892	Hook f Bar w Plate Double 100
17956992	Hook f Bar w Plate Double 150
17957093	Hook f Bar w Plate Double 200
17957192	Hook f Bar w Plate Double 250
17957292	Hook f Bar w Plate Double 300

Hook For Perf With Plate (Double)



PART NO.	DESCRIPTION
17959192	Hook f Perf w Plate Double 50
17959292	Hook f Perf w Plate Double 100
17959392	Hook f Perf w Plate Double 150
17959492	Hook f Perf w Plate Double 200
17959592	Hook f Perf w Plate Double 250
17959692	Hook f Perf w Plate Double 300

Assembling



Further information

This page only provides a selection of the most important information. Please visit [ROLGROUP.COM/RETAILCONCEPTS](https://rolgroup.com/retailconcepts) to find further documentation on these topics.

Sustainability

Our purpose is to enable future environments with greater circular economy and more sustainable use of resources. Our vision is to enable inspiring, integrated and sustainable solutions where we live, work, shop and socialize.

As a global manufacturing and services company, ROL understands that a mix of contemporary and future thinking is required to create a progressive strategy for sustainability and corporate responsibility. The Board and the management team believe that a progressive strategy should contribute to the UN goals for sustainable development, ensure that ROL conducts its activities in a responsible manner and create efficiency that generates value together with positive social and environmental effects.

In 2020, a developed sustainability strategy was approved. An updated materiality analysis was completed and provided a baseline for strengthening, developing or maintaining a wide range of operations and processes. The main goals of our new sustainability strategy are

to focus resources on the most important areas, set and achieve goals and communicate our progress with all stakeholders.

ROL sustainability strategy covers 13 areas with social and environmental goals and aims to drive and improve the efficiency of the ROL value chain.

Our most important sustainability area that we will devote most of our resources to ensuring top performance and having a leading position is, efficient and sustainable supply chain that explores new ways to optimize product components, reduce production materials and streamline production and transportation methods; smart solutions that influence sustainable behavior and enable more efficient management of resources and a workplace with fair working conditions where our employees can thrive and feel safe.

ROL Sustainability strategy expresses ROL priorities and runs until 2025.

Code of Conduct

ROL is committed to conducting its business according to high sustainable standards. Thus, the purpose of the Code of Conduct is to ensure ROL's ethical and sustainable business conduct.

The Code of Conduct is based on the Declaration of Human Rights, the International Labor Organization's Declaration on Fundamental Principles and Rights at Work, the Rio Declaration on Environment and Development and the UN Convention against Corruption, as outlined in the ten principles of the UN Global Compact.

It is important that goods and services produced and handled by ROL are produced and provided in a sustainable way. Therefore, ROL expects the Code of

Conduct to be applied to and upheld by managers, board members, employees, workers, contracted workers, affiliates, and other contractual partners associated with or representing ROL.

ROL complies with the local laws and regulations of each country in which we operate. The Code of Conduct sets up a minimum requirement for sustainable business conduct. If provisions in national, regional laws, regulations or rules in the country or countries of operation provide a more stringent position to the standards set forth in the Code of Conduct, such legislation shall prevail. In cases of conflict between this Code of Conduct and a mandatory local regulation, the local regulation shall be given precedence.

Certifications

Certification is a key requirement for our clients and the markets we serve. Accordingly:

- ROL Sweden is certified ISO9001, ISO14001 & ISO28000
- ROL United States is certified ISO 9001 & ISO 14001.
- ROL Lithuania is certified ISO 9001, ISO 14001, ISO 28000 & 45001.
- ROL China is certified to ISO 9001 and various client proprietary standards.



Loading Requirements

Requirements

All the loads are calculated in Kilograms (Kg).

Uniform loads are always calculated on shelves.

Maximum deflection on the mid point of the shelf front edge is 5mm.

Shelf on brackets positioned more than 1,60m from the floor is classified as a top shelf.

The depth of top shelves should be on size smaller than the shelf below. Maximum 2 number of top shelves per section.

Total uniform load on top shelves are 100Kg per section.

Shelves on bracket should never be deeper than the base shelf.

The depth of shelves on the Gondola end frame is maximum 400mm.

Wall brackets are always required if one of the following demands are achieved – taller uprights then 1600mm, bigger load than 150Kg per section or deeper shelves than 500 mm. The wall bracket must be placed maximum 20% from the top of the height of the upright.

The load for a gondola with T-stand, allow for up to 50% uneven load between the sides, excl. the base shelves.



Maximum uniform load for shelf on straight brackets

Maximum uniform load for shelf on adjustable brackets (in parenthesis). (*) adjustable brackets not recommended!

WIDTH	DEPTH 300	DEPTH 400	DEPTH 500	DEPTH 600	DEPTH 800
Width 600	120 (100)	120 (100)	120 (100)	120 (*)	120 (*)
Width 900	120 (100)	120 (100)	120 (100)	120 (*)	120 (*)
Width 1300	120 (100)	120 (100)	120 (100)	120 (*)	120 (*)

Maximum uniform load for base shelf and shelf with front upright/front beam

WIDTH	DEPTH 400	DEPTH 500	DEPTH 600	DEPTH 800
Width 600	150	200	200	200
Width 900	150	200	200	200
Width 1300	150	200	200	200
Width 1300			300	300

Total maximum load per section without front upright, excl. base shelf

Ditto maximum load for t-gondola, (in parenthesis). (*) depth not recommended!

HEIGHT	DEPTH 400	DEPTH 500	DEPTH 600	DEPTH 800
Height 1600	600 (300)	600 (300)	500 (*)	300 (*)
Height 2150	600 (300)	600 (300)	500 (*)	300 (*)
Height 3000	600 (300)	600 (300)	500 (*)	300 (*)

Total maximum load per section with front upright

LENGTH	DEPTH 500	DEPTH 600	DEPTH 800
Height 1600	800	800	800
Height 2150	800	800	800
Height 3000	800	800	800

Total maximum weight load for end frame

LENGTH	DEPTH 300	DEPTH 400
Height 1600	250	250
Height 2150	250	250
Height 3000	250	250

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