

FOREG[®] 2000

Static Shelving

User and Installation Manual



06. 03. 2025 Version B

Read this user manual thoroughly.
It provides important information on how to safely
operate the shelving system.
Please keep it next to the system for further use
at all times.

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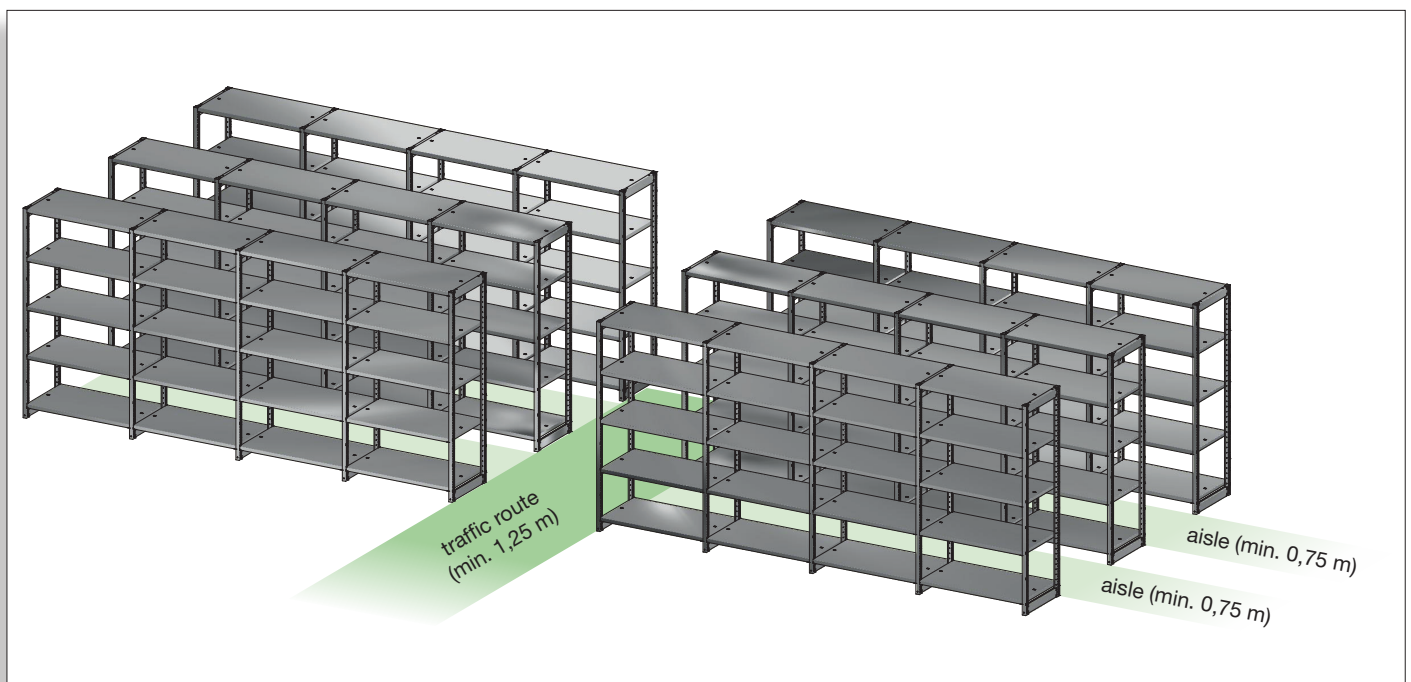
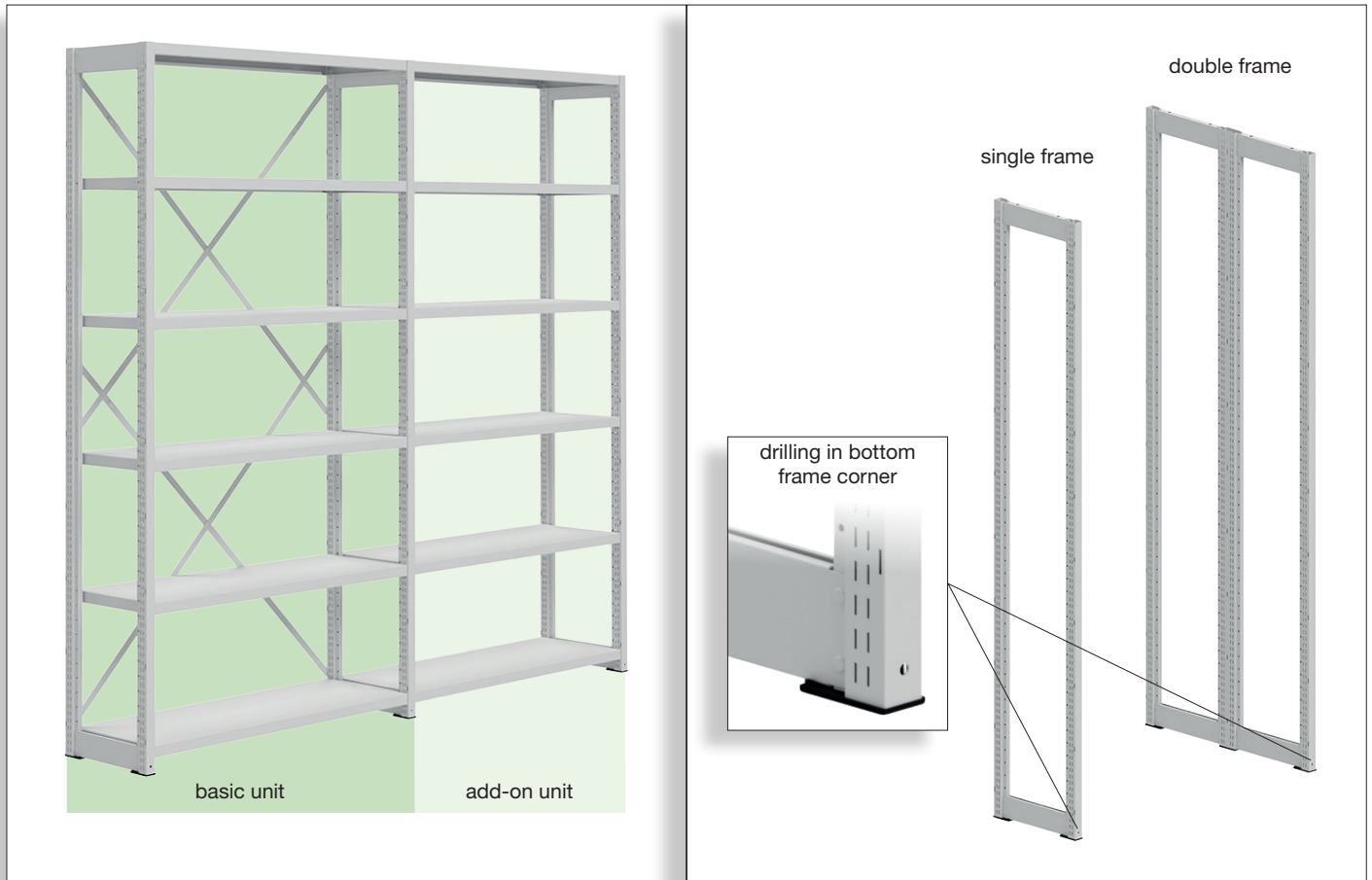
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- Attachment:**
- General System Information**
 - Acceptance Report (hand-over certificate)**

1 Static Shelving System FOREG 2000

Definitions



2 Safety and operation

- Comply with the maintenance and inspection intervals.
- Staff should be instructed in operating the system, and records kept of such instructions.
- Ensure that the shelving is used in accordance with the operating instructions as misuse could be harmful to users and / or damage the system.
- The shelving system has been designed in accordance with the accepted international safety regulations.

2.1 Safety standards and norms

The shelving system complies with the following standards and safety regulations:

DGUV Regel 208-061

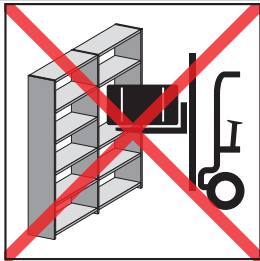
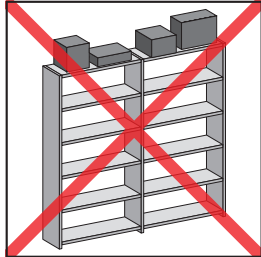
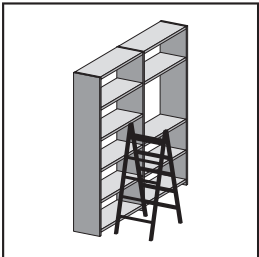
Lagereinrichtungen und Ladungsträger
(Storage facilities and loading carrier),
updated version of 07/2024

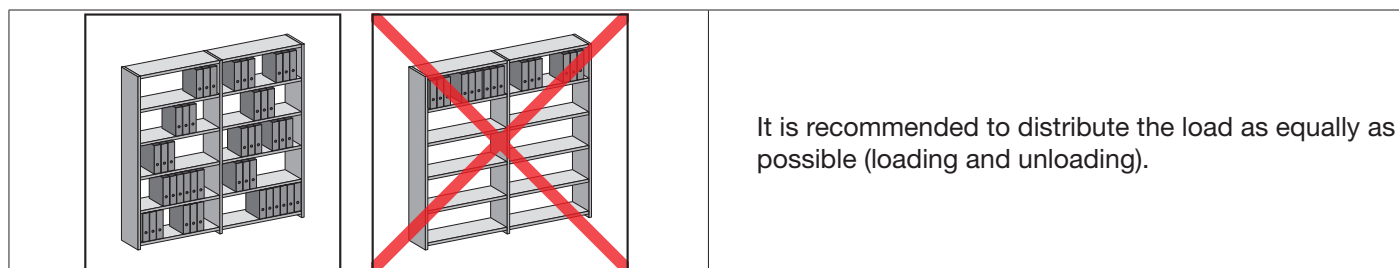
RAL-RG 614/4

Gütesicherung Lager- und
Betriebseinrichtungen (Quality assurance for
storage and operating equipment)

- Monitoring Agreement NR 12 7858 12 - 4 with the material testing office of NRW

2.2 Operation

		The system will be loaded/unloaded by hand.
	Do not store anything on the top cover shelves.	
		Use ladders to place or remove anything from the upper shelves. Please note that ladders must not be leaned on the shelving system.
	Do not step on the shelving.	



- Please note the maximum permissible loads as specified in the enclosed data sheet for your system and the type plate on your system.

2.3 Stored goods

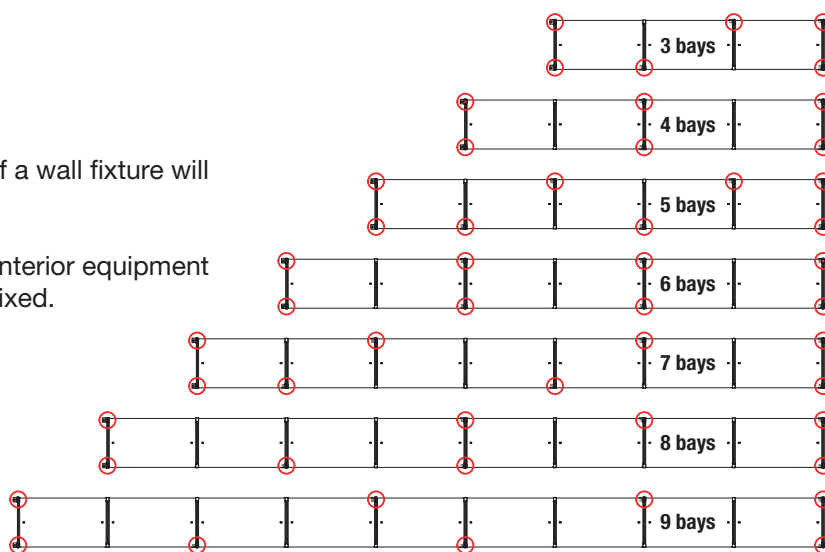
- Ensure that the stored goods (small parts, boxes, files, stacks, etc.) are stored safely. Loose parts, bulk goods, liquids, etc. must be placed in suitable boxes or bottles that will safely retain their contents.
Caution: loose or odd shaped items can topple and cause injury.
We offer customised solutions for the safe storage of your goods.
- For the storage of high-risk materials comply with the storage instructions as specified in the safety data sheet from the manufacturer.

3 Installation

3.1 Stability

- The floor fixture may only be omitted if a wall fixture will be used.
- Static shelving systems with pull-out interior equipment or hinged doors ALWAYS have to be fixed.
- general proposition for distribution:

○ floor fixture



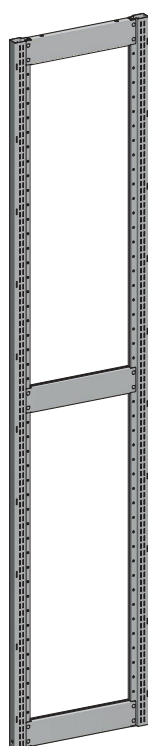
frame height		1632	1832	1952	2032	2112	2232	2312	2592	2952	1632	1832	1952	2032	2112	2232	2312	2592	2952	1632	1832	1952	2032	2112	2232	2312	2592	2952	1632	1832	1952	2032	2112	2232	2312	2592	2952																		
		with 1 bay									with 2 bays									with 3 bays									from 4 bays																										
shelf depth	250	with floor fixture									with floor fixture									with floor fixture									with floor fixture																										
	300																												without floor fixture									without floor fixture									without floor fixture								
	350																																																						
	400																																																						
	450																																																						
	500																																																						
	600																																																						
	700																																																						
	800	without floor fixture									without floor fixture									without floor fixture									without floor fixture																										

3.2 Load index

- The permissible shelf loads and shelf bay loads must not be exceeded (tested statical calculation). It must be ensured that the floor can safely support the loads from the shelves.



2 crossbars
type 2020



3 crossbars
type 2030



SIP
type 2012

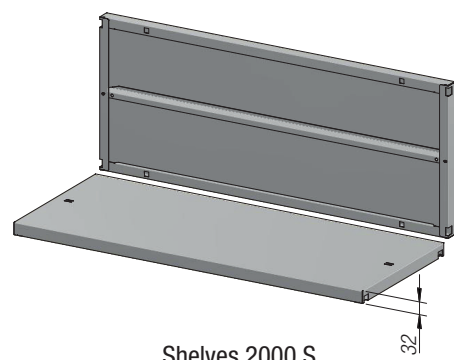
Permissible frame load (kg/frame) for static shelving systems (including dead weight)								
Height	SINGLE FRAME				DOUBLE FRAME			
	Type 2020	Type 2030	Type 2011	Type 2012	Type 2520	Type 2530	Type 2511	Type 2512
	2 cross-bars	3 cross-bars	SIP single sided	SIP double sided	2 cross-bars	3 cross-bars	SIP single sided	SIP double sided
1632	1835 kg	—	1680 kg	1870 kg	1700 kg	—	2380 kg	2650 kg
1832	1165 kg	—	1650 kg	1840 kg	1695 kg	—	2350 kg	2620 kg
1952	1000 kg	1900 kg	1640 kg	1830 kg	1695 kg	1695 kg	2340 kg	2600 kg
2032	900 kg	1900 kg	1640 kg	1830 kg	1695 kg	1695 kg	2340 kg	2600 kg
2112	805 kg	1850 kg	1630 kg	1820 kg	1695 kg	1695 kg	2330 kg	2590 kg
2232	635 kg	1490 kg	1630 kg	1820 kg	1690 kg	1690 kg	2310 kg	2570 kg
2312	555 kg	1350 kg	1620 kg	1810 kg	1690 kg	1690 kg	2300 kg	2560 kg
2592	370 kg	1050 kg	1590 kg	1770 kg	1685 kg	1685 kg	2260 kg	2520 kg
2952	—	740 kg	1570 kg	1750 kg	—	1680 kg	2220 kg	2470 kg

3.3 Shelves – Types and Loads

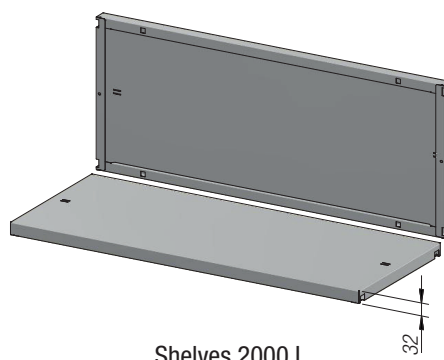
Permissible shelf load (kg)				
Type	Length (mm)			
	870	970	1070	1170
Shelves 2000 S	130 kg	120 kg	110 kg	100 kg
Shelves 2000 L	70 kg	65 kg	60 kg	55 kg
Shelves 25 – 242 mm	70 kg	65 kg	60 kg	50 kg
Shelves 25 > 242 mm	120 kg	110 kg	100 kg	90 kg

Shelves Type S can be used from 292 mm shelf-depth.

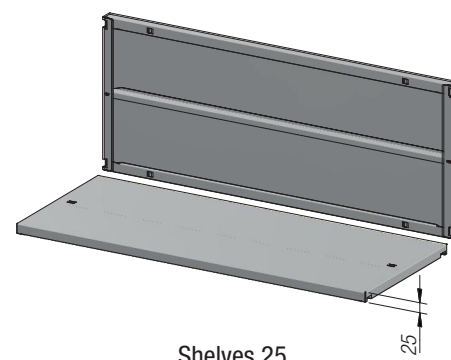
Shelves with higher load capacity on request.



Shelves 2000 S



Shelves 2000 L

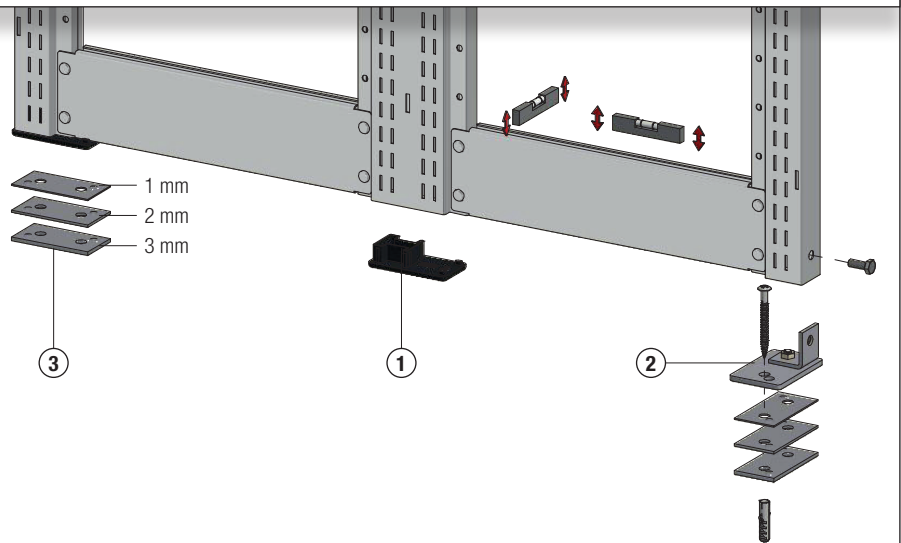


Shelves 25

Plastic foot plate, frame floor fixture and shim plates

Fix plastic foot plate or frame floor fixture on each post. It needs to be ensured that the shelves are vertical. Use shim plates if necessary.

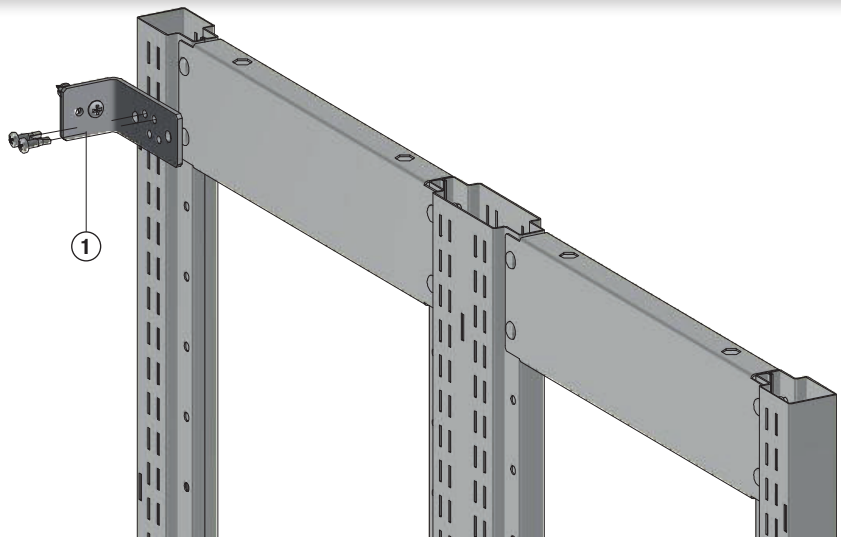
- 1 - plastic foot plate
- 2 - frame floor fixture
- 3 - shim plates



alternative: Frame-wall-fixture

Alternative to the frame floor fixture a frame-wall-fixture may be used.

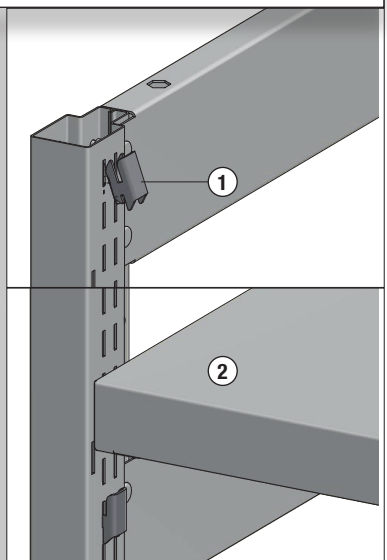
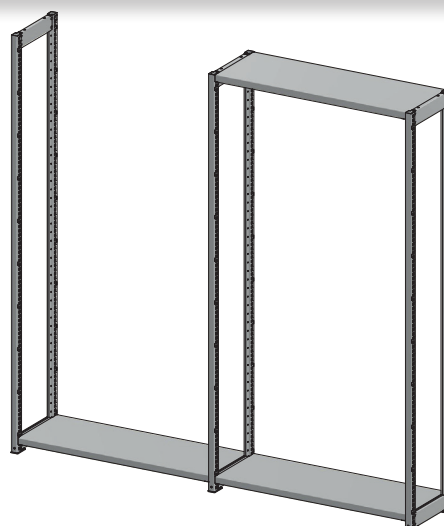
- 1 - frame-wall-fixture



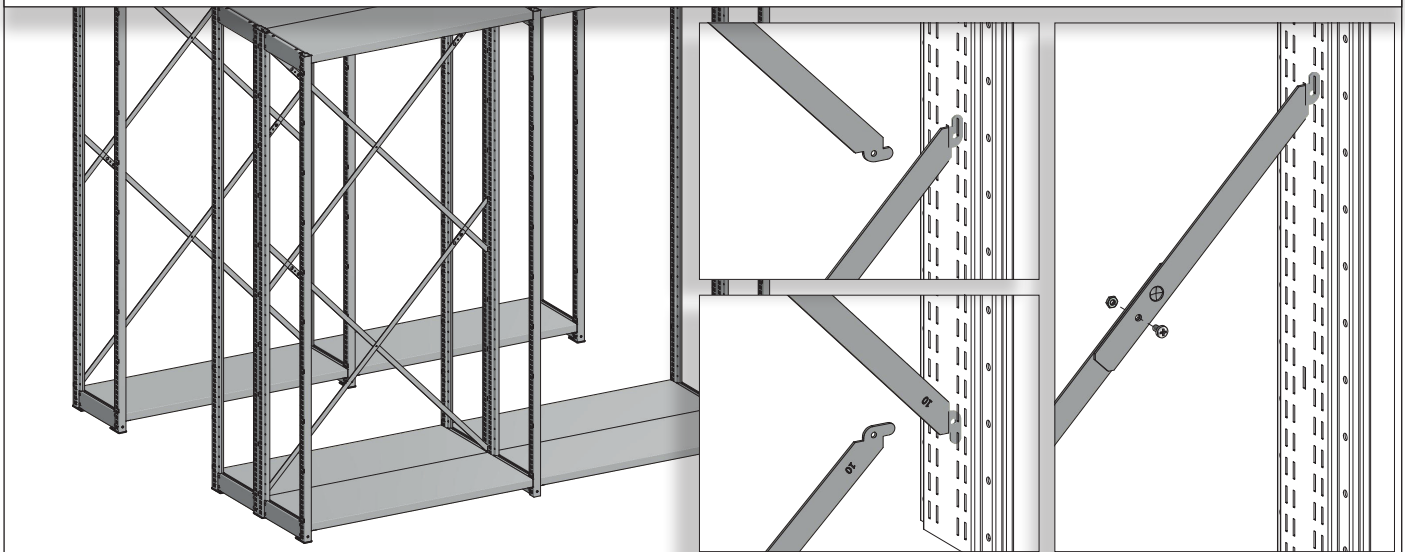
Shelf installation

Fix only bottom and top shelf first.

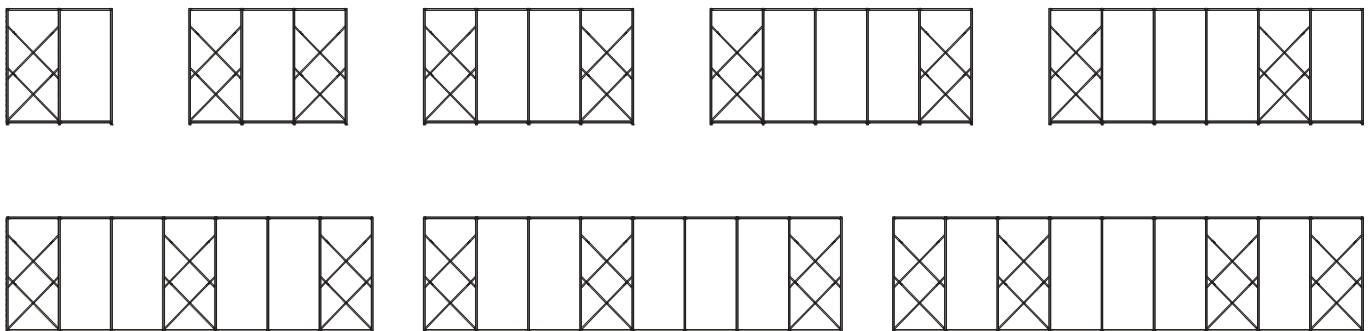
- 1 - bracket
- 2 - shelf



Cross Bracing



Bays with bracings

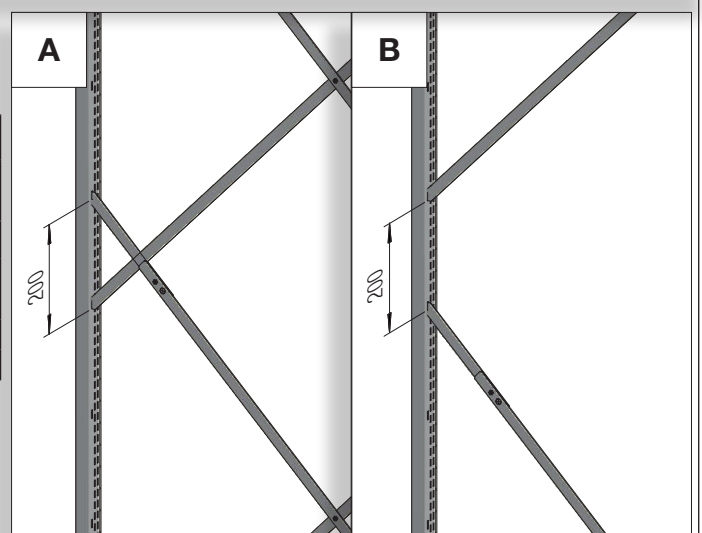


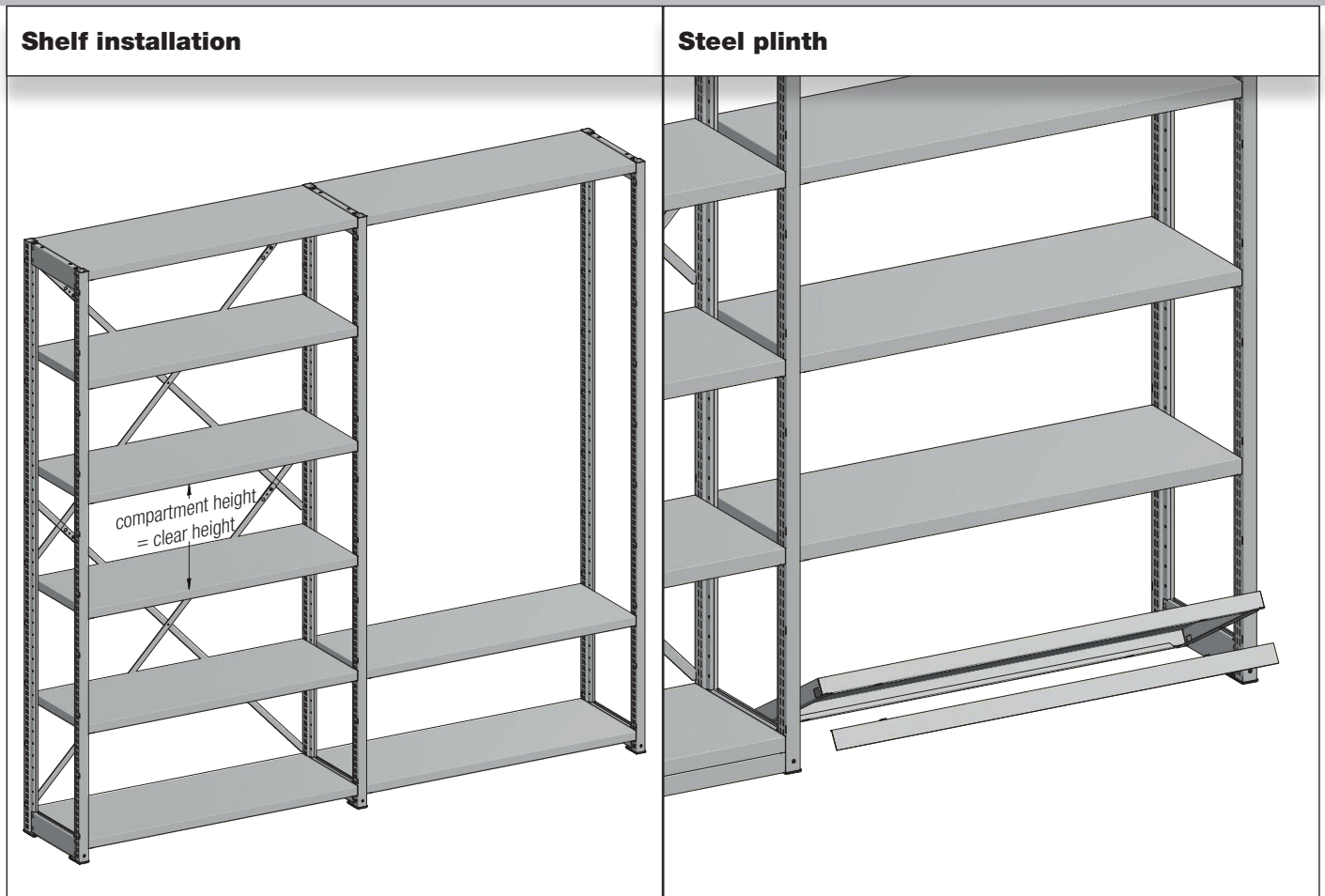
Number and arrangement of cross braces

Number of cross braces required per bay									
Height of upright frame	1632	1832	1952	2032	2112	2232	2312	2592	2952
Width of bay	No.								
900	2	2	2	2	2	2	2	3	3
1000	1	1	2	2	2	2	2	2	3
1100	1	1	2	2	2	2	2	2	3
1200	1	1	1	1	2	2	2	2	2

☐ Arrangement of 2. cross brace as per A

☐ Arrangement of 2. cross brace as per B





4 Maintenance and servicing

Maintenance

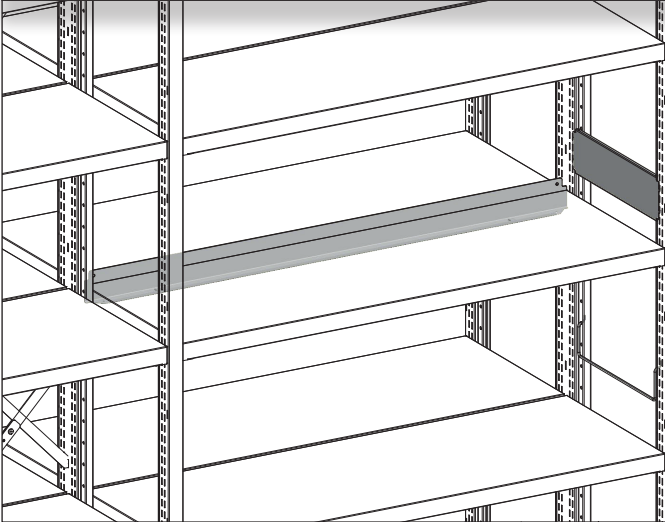
- Systems are designed to be free of maintenance and should require only a periodic service check providing they are operated in accordance with the users instructions.

Cleaning

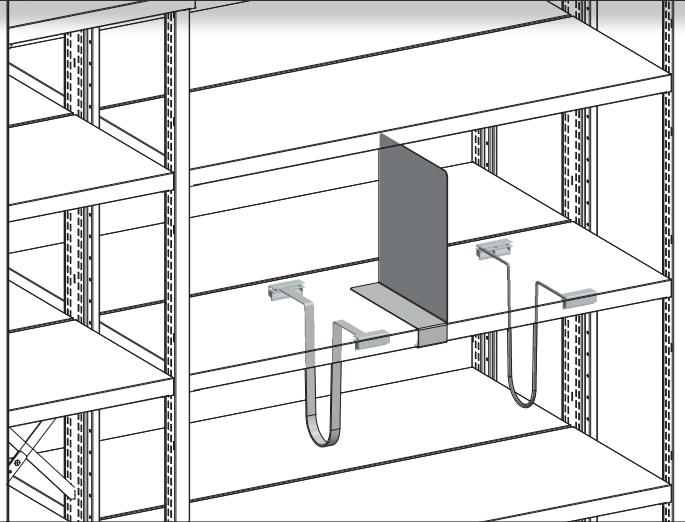
- The system must be cleaned regularly by trained personnel only.
- Clean the system using a damp cloth. Add a mild detergent (citrus-based) when necessary, but do not use any etchants, acids or strong chemicals. Under no circumstances should any sharp implements or abrasive cleaners be used.
- Use only mild soapy water to clean plastic parts, seals, transparent protective covers.

5 Accessories

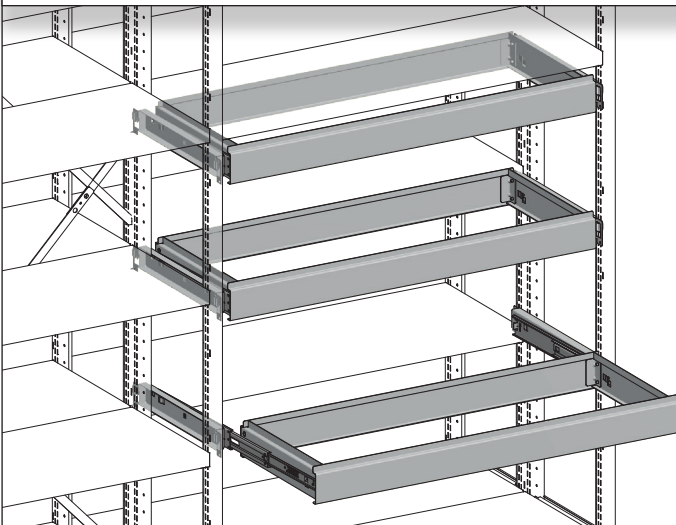
Stops



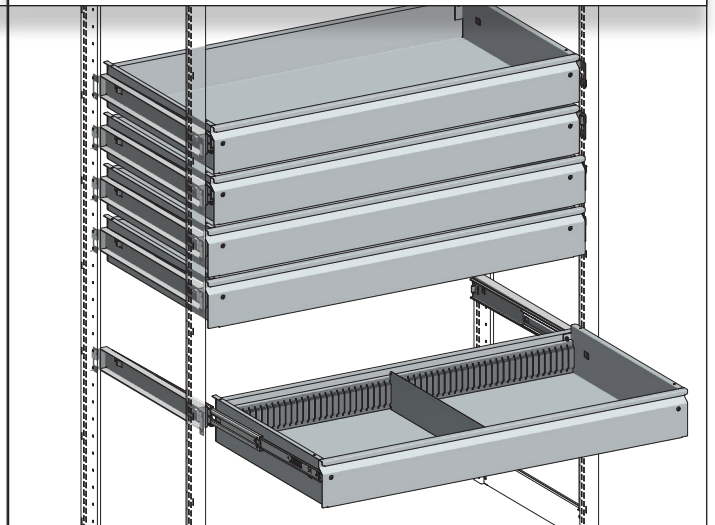
Book supports



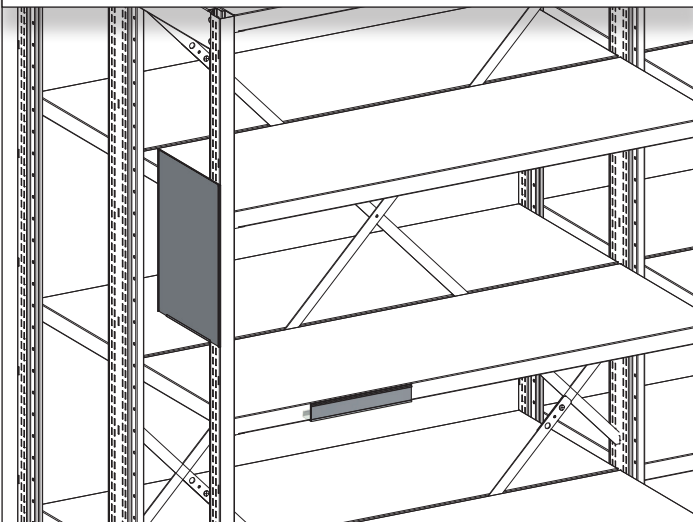
Pull-out filing frames



Drawers



Sign boards and labelling strips



These and further accessories on request.

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