



## ASSEMBLY & USER INSTRUCTIONS - UBETRACK™ MOBILE STORAGE SYSTEM

version 1.0

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## REVIEW HISTORY

Version	Date	Code	Note
1.0	10/04/2017	00003 00031	-

This edition supersedes all previous editions.

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# 1. Definitions

  
**DANGER**

Indicates an immediate hazardous situation that, if not prevented, will result in serious injury or death.

  
**WARNING**

Indicates a possible hazardous situation that, if not prevented, could result in serious injury or death.

  
**CAUTION**

Indicates a possible hazardous situation that, if not prevented, could result in slight or moderate injury. This can also be used to indicate unsafe use.

# 2. General safety regulations

In the interest of your safety and to ensure the correct use, it is important that you read **these instructions and the instructions for the UBeFlex® storage system** carefully, including any tips and warnings, before using the product. Keep these instructions and ensure that users are properly informed as regards the use and safety of the product.

» Belintra is not responsible for:

- Damage caused by a failure to follow the instructions described in this manual or by improper use.
- Consequences of modifications made to the product by the user without Belintra’s written consent.
- Damage incurred by use other than as described in the intended use.

Only use the UBeTrack™ system in perfect working order in accordance with the user manual.

  
**REMARK**

Read all of the safety instructions written in the UBeFlex® manual before beginning installation of the UBeTrack™ system.

 Warning - danger of tipping over:

- Place the UBeTrack® shelving system on a smooth level floor.  
Adjustments can be made to compensate for small differences in height between two (2) stationary set-ups (max. 0.5 cm per metre).
- Do not stand or climb on the UBeTrack® shelving system.
- Place the load gently on the shelves or in the runners.
- Do not, under any circumstance, move loaded stationary units.
- Closely follow the instructions on weight capacity described in the manual.
- Only use the components supplied by Belintra to assemble the UbeTrack® shelving system.

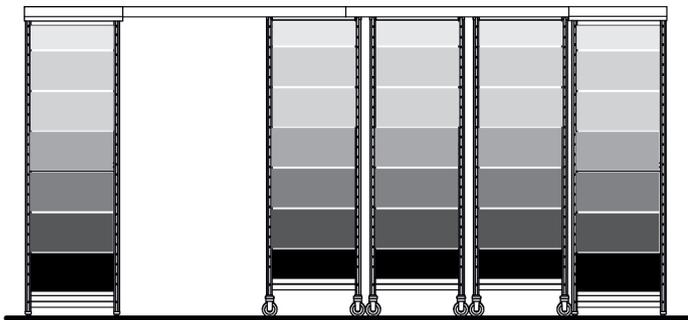
 Warning - maximum loading capacity:

- The maximum load for a **stationary** column set-up is max. 25 kg per pair of guides with a maximum load-bearing capacity of 600 kg per column.
- The maximum load in a **stationary** shelf set-up is 25 kg per inlay-shelf level with max. 600 kg per column. These maximum capacities are based on an evenly distributed load. Distribute the weight on the shelves as evenly as possible.
- For the **mobile** set-ups we advise, for ergonomic reasons, a maximum load of 150 kg.
- Permissible operational temperatures  $-10^{\circ}$  /  $+ 40^{\circ}$ .
- Make sure shelves are correctly loaded. For the stationary set-ups, put the heaviest load at the lowest sections. For the mobile set-ups, put the heaviest load at the lowest sections and to the front (the pulling side) of the set-up as much as possible.
- All mobile columns (DIN or ISO) always need to be fitted with top or base panels.

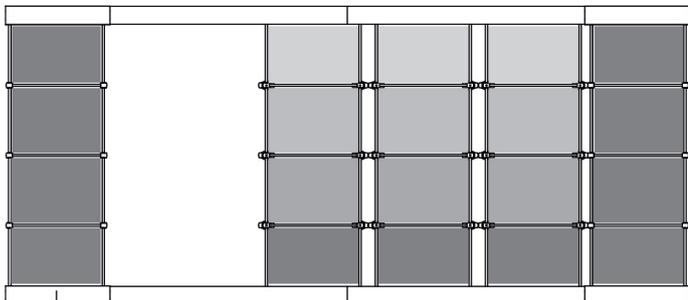
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Failure to follow these instructions may lead to injury or damage to goods/environment.

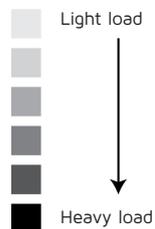
**Front view**



**Top view**

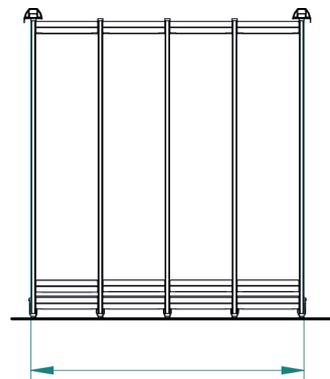


**UBeTrack™ weight distribution**



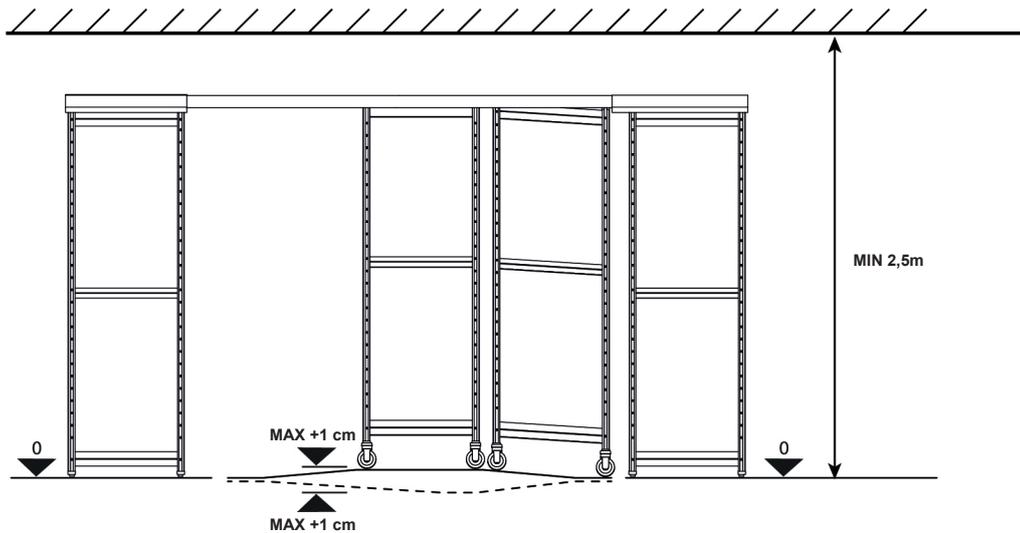
 Caution:

- Inspect the UBeTrack® set-up regularly. Check the screws and spacer sets. Increase the clamping if necessary. Worn parts must be replaced with Belintra-approved parts.
- Inspections and maintenance must be carried out by qualified staff.



The depth of the UBeTrack™ is restricted to 2300 mm (see illustration). This means that you can build a UBeFlex® configuration of maximum 5 x ISO D-type columns or 6 x DIN D-type columns. The minimum depth is 350 mm. The equivalent of 1 DIN column or rack with a 300 mm shelf.

- **For stability, each mobile column with runners should be fitted with a top or base panel.**
- All shelf configurations must be the same for each UBeTrack™ set-up. If you choose a configuration for the stationary set-up, the mobile shelves must also have the same configuration.
- For stability, telescopic frames or shelves should never be used in the mobile units.
- The maximum permitted length of a shelf in a UBeTrack™ set-up is 1200 mm.
- Only D-type shelves are permitted in a UBeTrack™ set-up. W-type is excluded for stability reasons.
- Ensure the floor surface is as level as possible. The permitted deviation from the evenness of the floor is maximum 0.5 cm/m. The illustration below shows the maximum permitted local height differences between the 2 stationary shelves.
- A hard floor is required for this system. This limits the rolling resistance when moving the mobile shelves.



- Only link a maximum of 2 track kits together.
- Minimum height of the space 2.50 m.
- Any protrusion from the floor such as cables, can make the system difficult or impossible to use.

### **i** Note:

- Remove packaging materials carefully on first use.
- Belintra is not responsible for damage incurred during transport. Open the packages immediately upon receipt to inspect the contents. All visible damage must be reported to the relevant transport company within 48 hours of receipt.
- In case of damage, retain all packaging materials for inspectors.

## 3. Introduction

This manual describes the correct use, installation and safety instructions of the UBeTrack® Belintra shelving system. UBeTrack™ is an extension of the Belintra UBeFlex® shelving system. Consult the UBeFlex® manual to see how to assemble these shelves. This UBeTrack™ manual only covers the assembly of the specific UBeTrack™ parts.

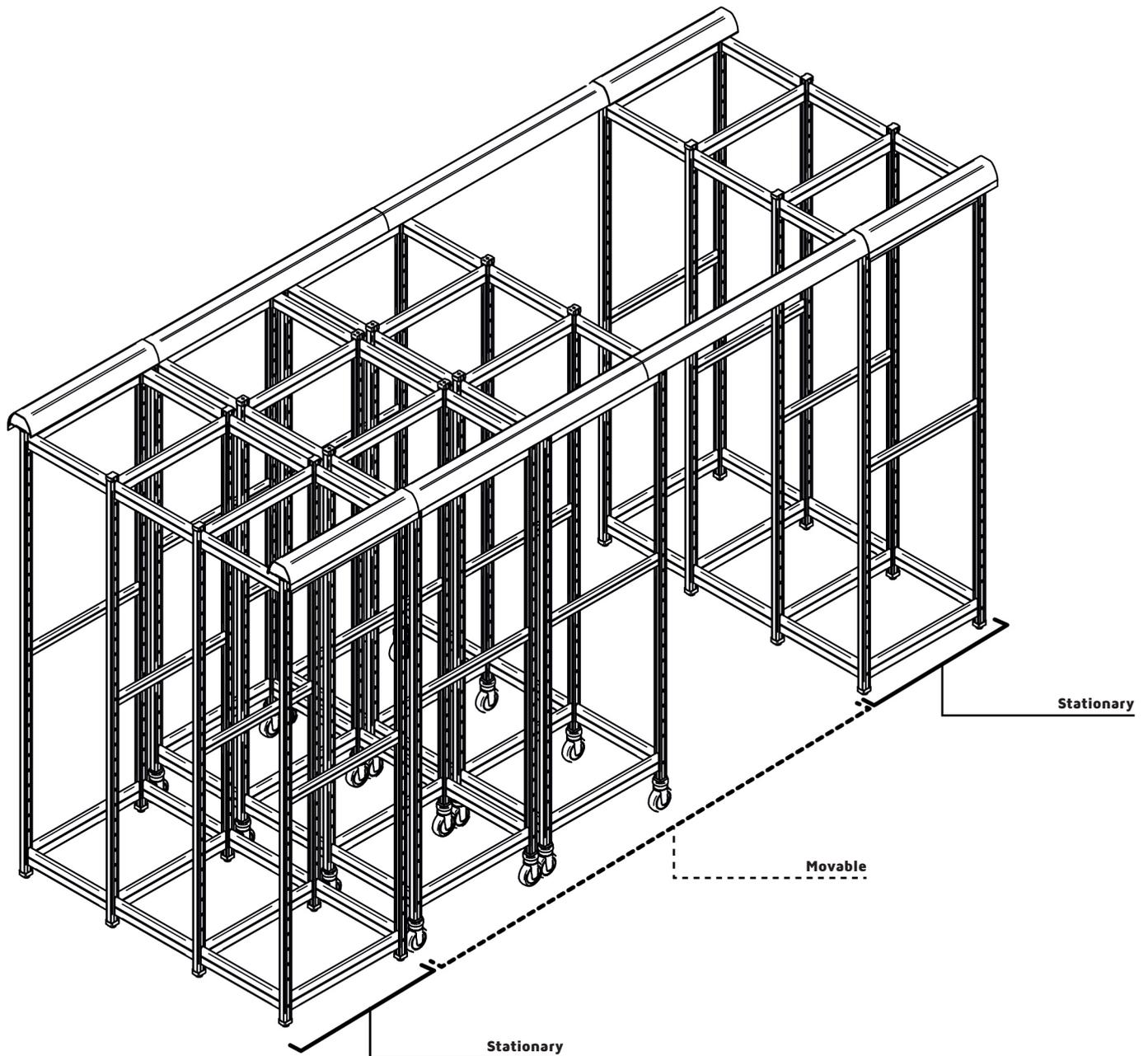
Because the shelves are movable, the UBeTrack™ is a space-saving storage system. This mobile storage system is used in the medical sector, and can be used on a highly versatile basis in a variety of departments within healthcare institutions. Thanks to its modular set-up with ISO D-type, DIN D-type columns and D-type shelves, any combination is possible. It can be used in both sterile (storage of sterile sets) and non-sterile environments, from CS/SPD via the pharmacy to the kitchen and cold stores. The shelving system was developed with quick assembly, ergonomics, design, hygiene and modularity in mind.

## 4. Product

### » Product architecture

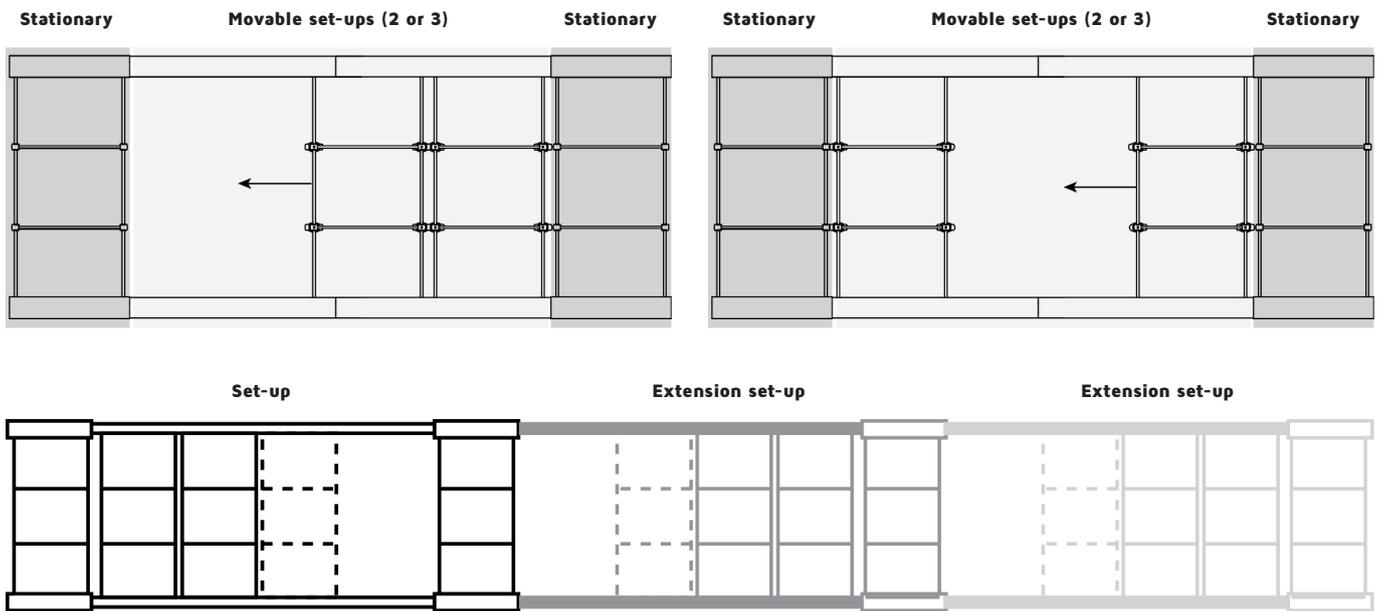
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The UBeTrack™ product architecture is based on the UBeFlex® shelving system. The UBeTrack™ always consists of two (2) stationary UBeFlex® units, two (2) or three (3) mobile movable units and track kits which are placed on the mobile shelves. Contrary to the UBeFlex® set-ups fewer walkways are required because the units can be moved. See the illustration below. This helps to save space.



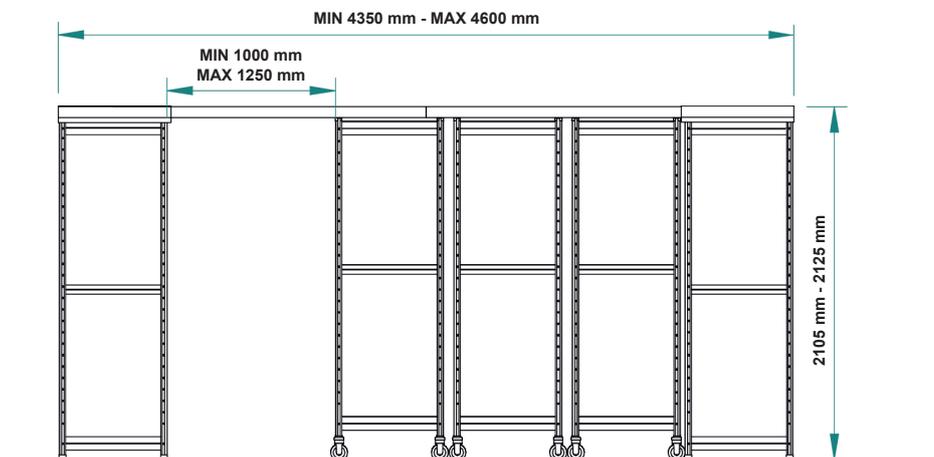
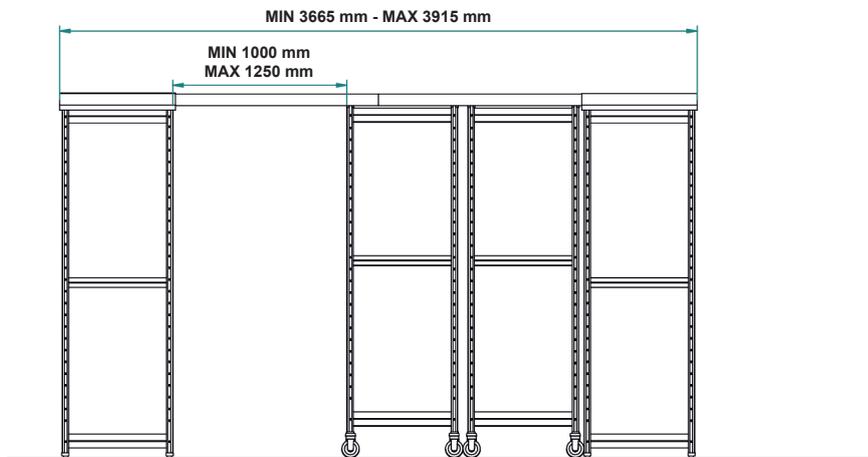
## » Operation and construction of set-ups

The UBeTrack™ always consists of one (1) full set-up that additional extension set-ups can be linked to.



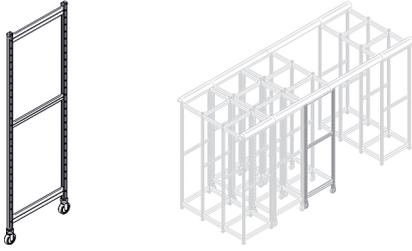
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One UBeTrack™ can consist of two (2) or three (3) mobile units. The total width can vary, see the illustration below. This can be increased in 25 mm increments up to a maximum of 250 mm which in turn alters the width of the walkway.

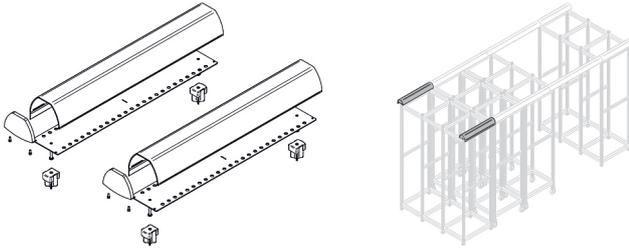


» Specific UBeTrack™ sets

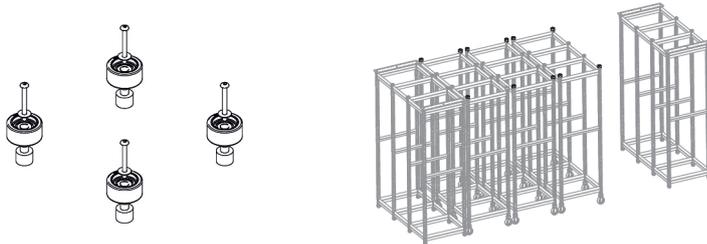
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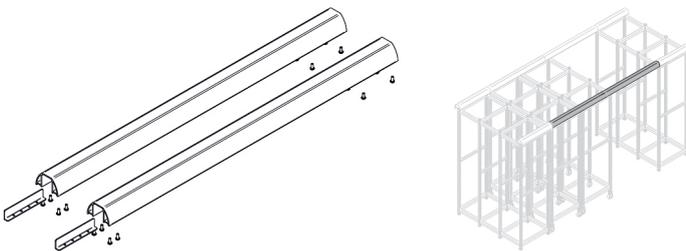
Article number	Description
16011 00012	UBeTrack™ post D-type mobile



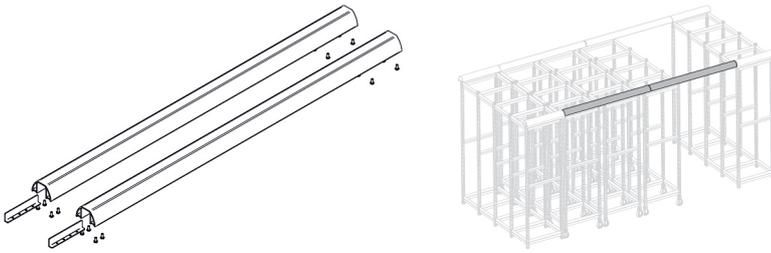
Article number	Description
16011 00015	UBeTrack™ assembly kit (1 kit per stationary rack)



Article number	Description
16011 00018	UBeTrack™ guide roller set (1 kit per mobile rack)



Article number	Description
16011 00013	UBeTrack™ track kit for 2 mobile racks (2 kits per mobile rack) - 1500 mm



Article number	Description
16011 00014	UBeTrack™ track kit for 3 mobile shelves (2 kits per mobile shelf) - 1850 mm

## 5. Optionally available



### » Handle for mobile set-up

Item number	Description
18002 00005	Set of handles
16011 00017	UBeTrack™ assembly kit for handles

## 6. Assembly instructions

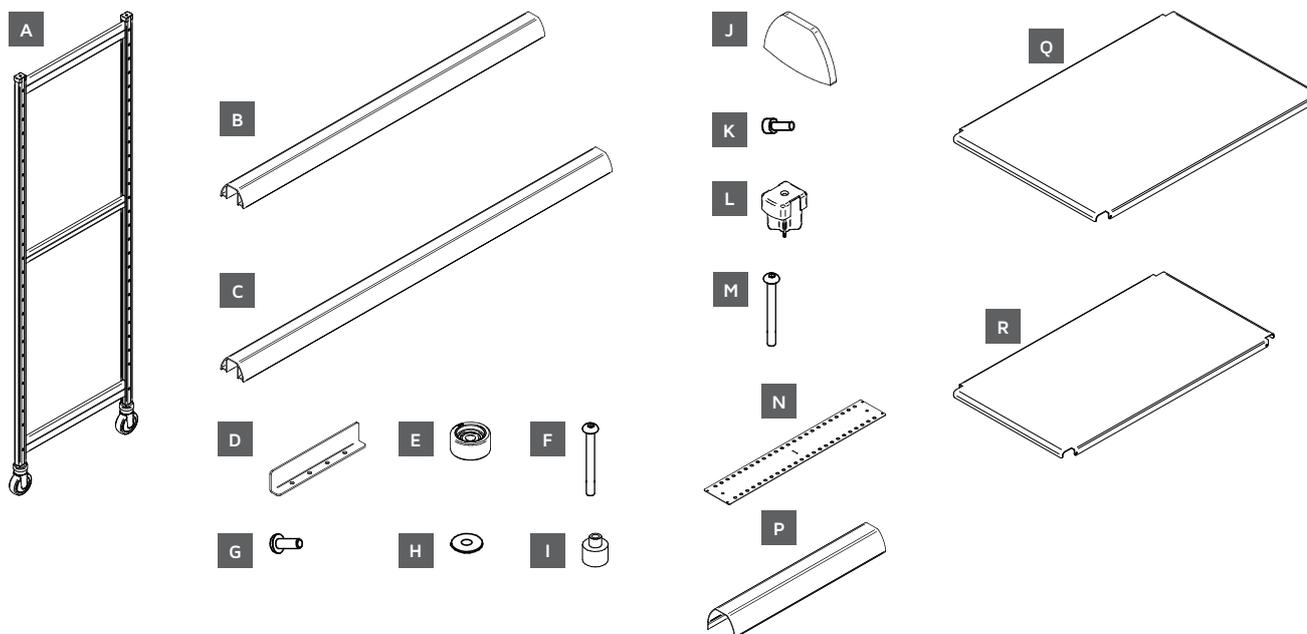
At least 2 people are needed to assemble the UBeTrack®.

### » Parts and tools

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Posts	D-type posts Mobile	<b>A</b>
Track kit	Track kit 1500 mm	<b>B</b>
	Track kit 1850 mm	<b>C</b>
	UBeTrack® connecting element	<b>D</b>
	Roller guide	<b>E</b>
	Button head bolt M6 x 60 mm	<b>F</b>
	Button head bolt M8 x 20 mm	<b>G</b>
	Washer M6	<b>H</b>
	UBeTrack® swivel	<b>I</b>
Assembly kit	UBeTrack® end piece	<b>J</b>
	Cheese head bolt M4 x 10	<b>K</b>
	UBeTrack® top closure cap - M6	<b>L</b>
	Button head bolt M6 x 30	<b>M</b>
	UBeTrack® Mounting bracket	<b>N</b>
	UBeTrack® cover panel	<b>P</b>
Top/base panel	ISO D-type	<b>Q</b>
	DIN D-type	<b>R</b>

Allen key 3 (M4)	
Allen key 4 (M6)	
Allen key 5 (M8)	
Rubber hammer	
Electric screw driver (torque: between 4 and 9 Nm)	



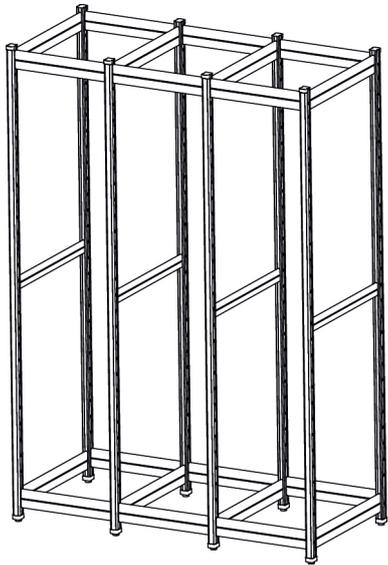
Before you start assembling the UBeTrack® shelving system, check the contents of the sets. See overview below:

Package	Item number	Components
UBeTrack™ post D-type mobile	16011 00012	A
UBeTrack™ guide roller	16011 00018	4E + 4F + 4H + 4I
UBeTrack™ track kit - 2 mobile shelves	16011 00013	2B + 2D + 16G
UBeTrack™ track kit - 3 mobile shelves	16011 00014	2C + 2D + 16G
UBeTrack™ assembly kit	16011 00015	2J + 4K + 4L + 4M + 2N + 2P

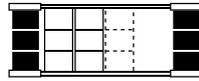
## » Assembly of UBeTrack™

1

Stationary unit (to be configured according to preference, max length 2300 mm)  
See UBeFlex® manual



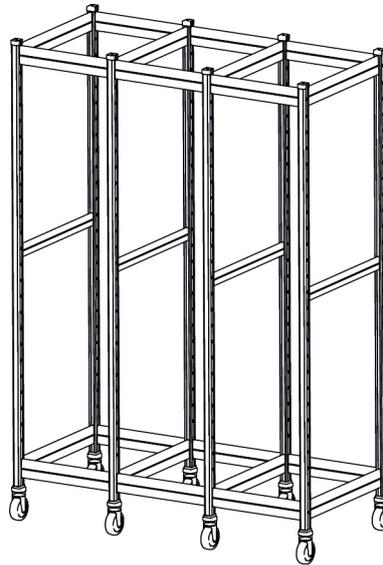
2x



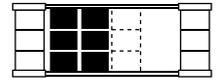
UBeTrack™ top view

2

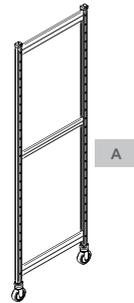
Mobile unit (the same configuration as the stationary set-up)  
See UBeFlex® manual



2x or 3x



UBeTrack™ top view



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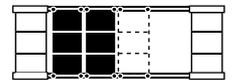


REMARK

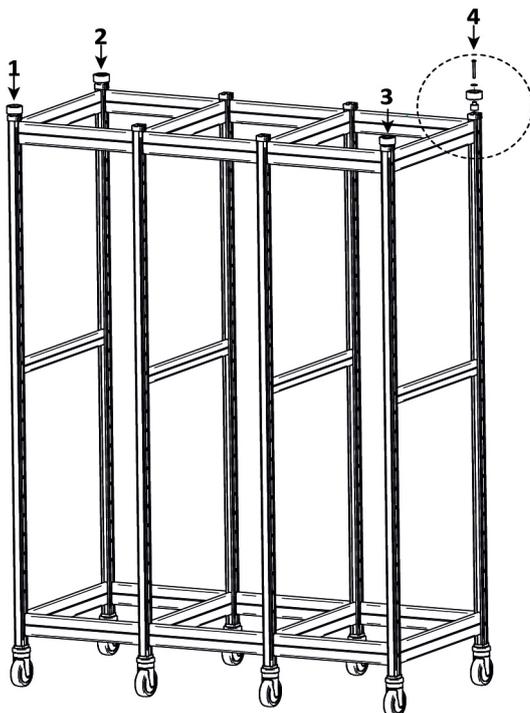
If another color than our standard gray PVC strip is to be used, they need to be inserted now by removing the gray strip first.

3

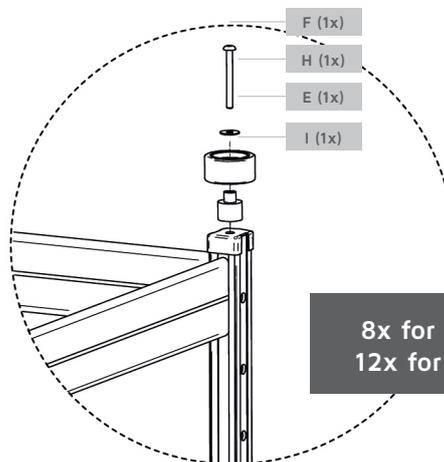
Guide roller  
Mount the guide roller



UBeTrack™ top view



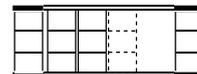
Parts	Quantity	Tool
E	8x of 12x	
F	8x of 12x	
H	8x of 12x	
I	8x of 12x	



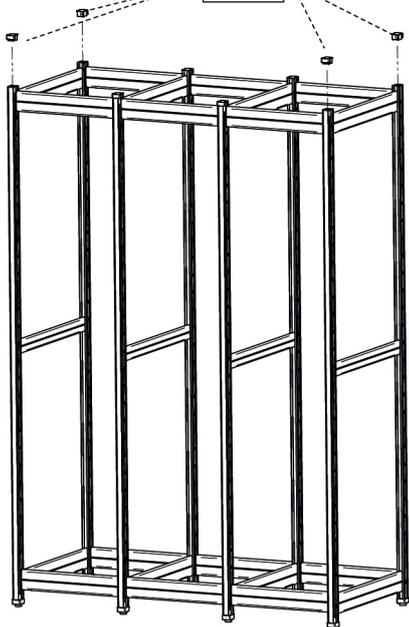
8x for 2 mobile units  
12x for 3 mobile units

4A

Stationary unit  
Remove the caps from the outer posts



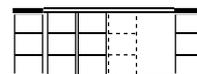
UBeTrack™ top view



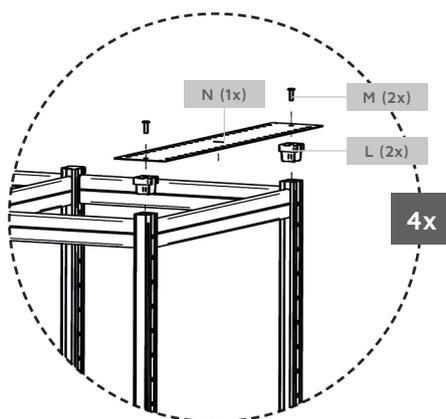
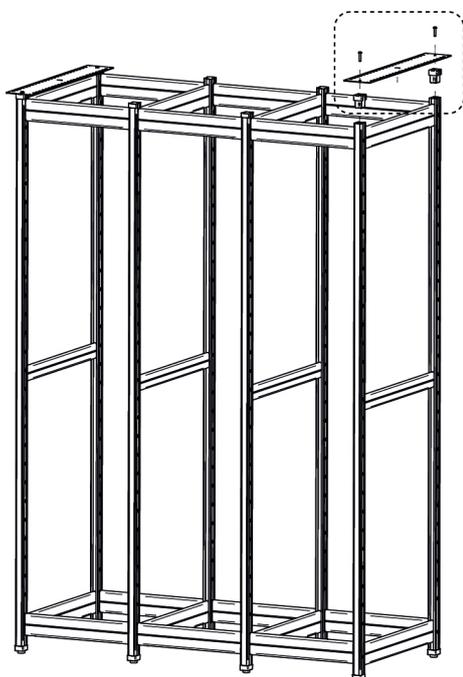
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4B

Stationary unit  
Mounting bracket



UBeTrack™ top view

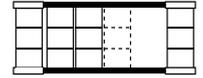


Parts	Quantity	Tool
L	8x	
M	8x	
N	4x	

5A

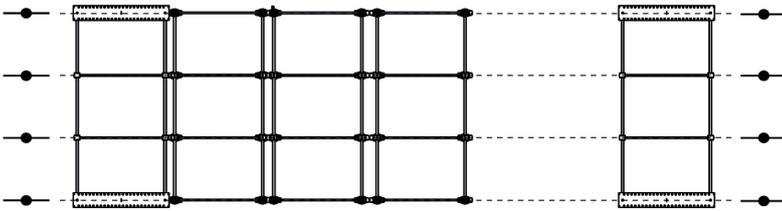
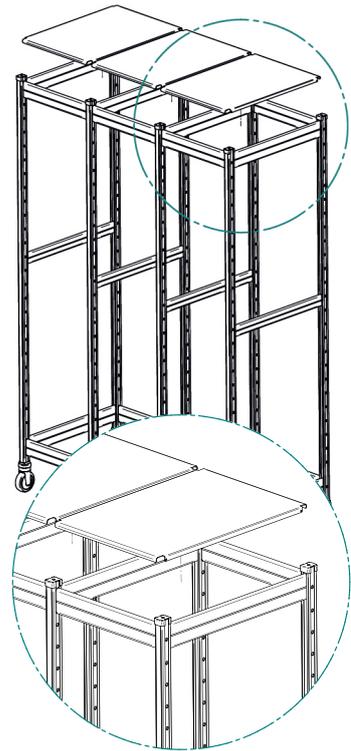
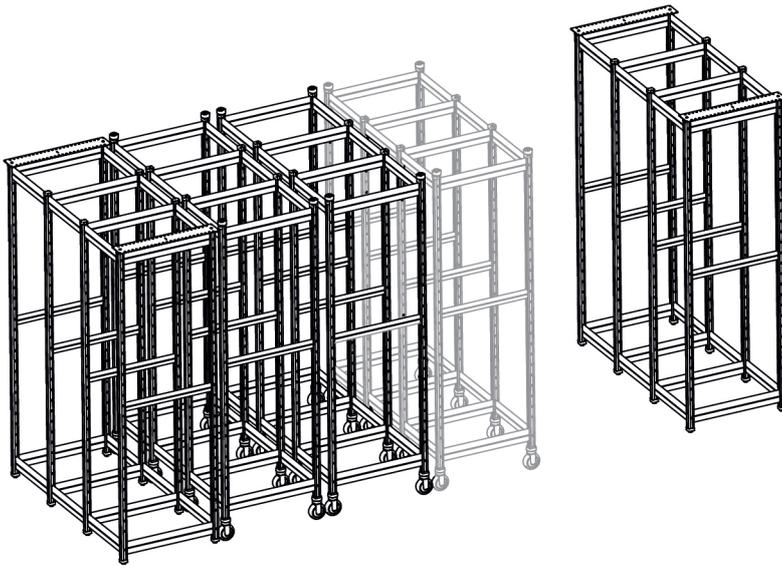
Stationary shelf

Align the shelves and place them next to each other leaving space for the walkway (min. 1 m - max. 1.25 m)



UBeTrack™ top view

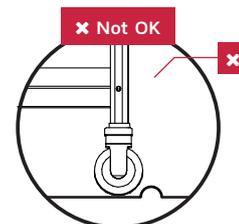
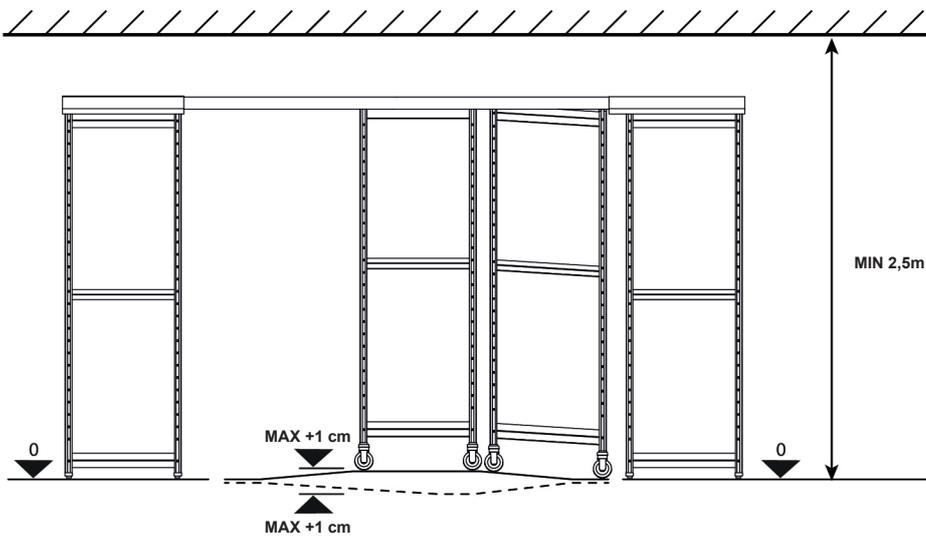
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**REMARK** Put the assembled units in their final position since they can't be moved as a unit afterwards.

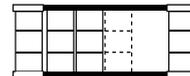
**REMARK** When using top panels, these need to be installed at this stage. Make sure the connection sets are secured into place with a rubber hammer.

**WARNING** Ensure the floor surface is as level as possible. The permitted deviation from the evenness of the floor is maximum 0.5 cm/m. The illustration below shows the maximum permitted local height differences between the two (2) stationary units. Minimum ceiling height: 2.5 m. We recommend a hard floor without joints, seams or obstacles (such as leads or cables).



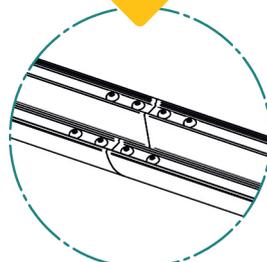
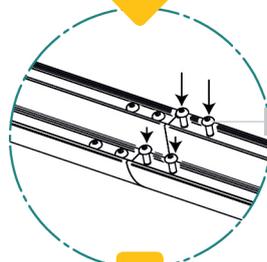
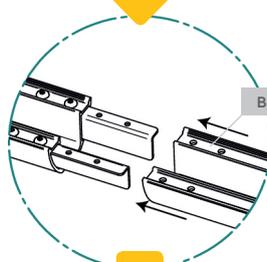
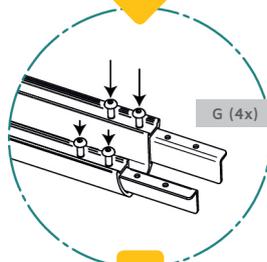
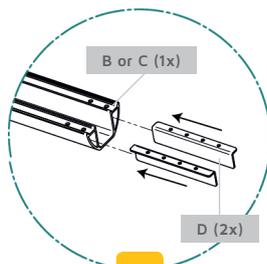
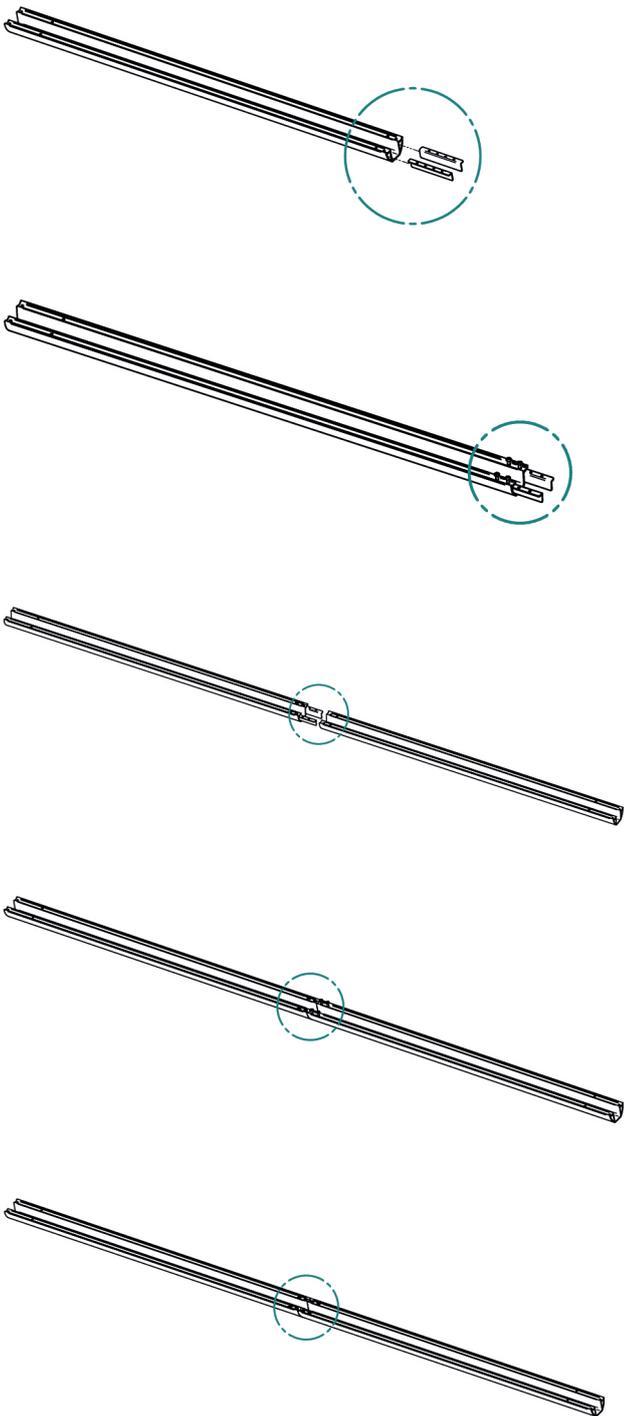
5B

Assembling the track kit  
**Do this step 2x**



UBeTrack™ top view

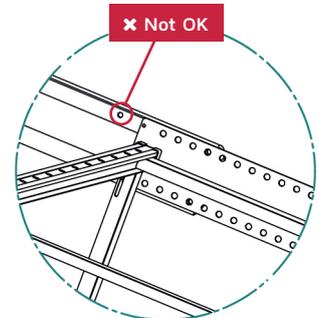
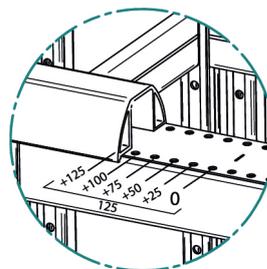
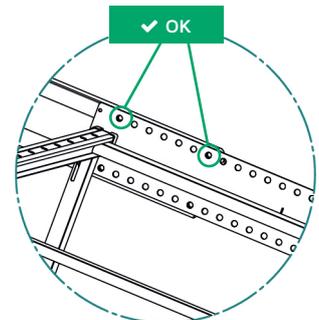
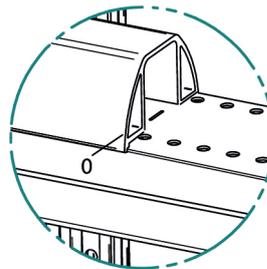
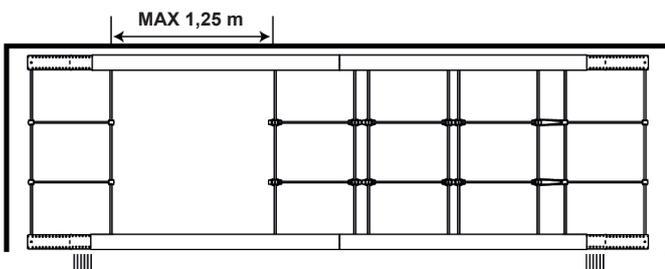
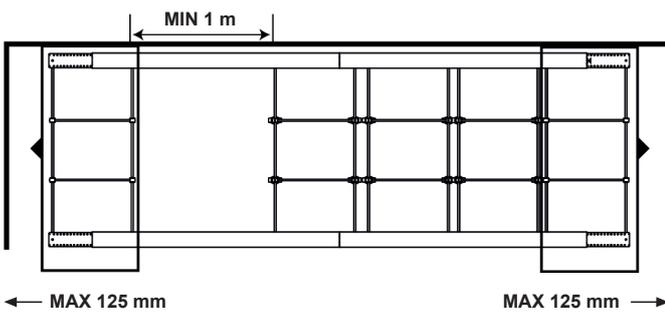
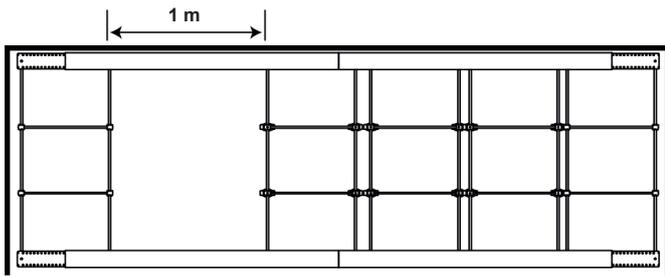
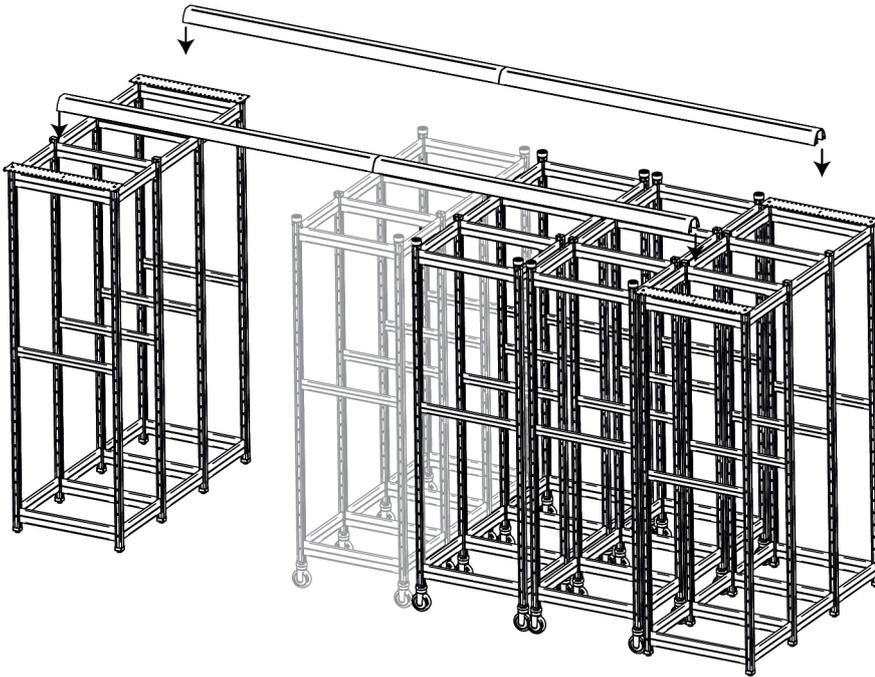
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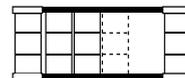
Parts	Quantity	Tool
B or C	4	
D	4	
G	16	



UBeTrack™ top view

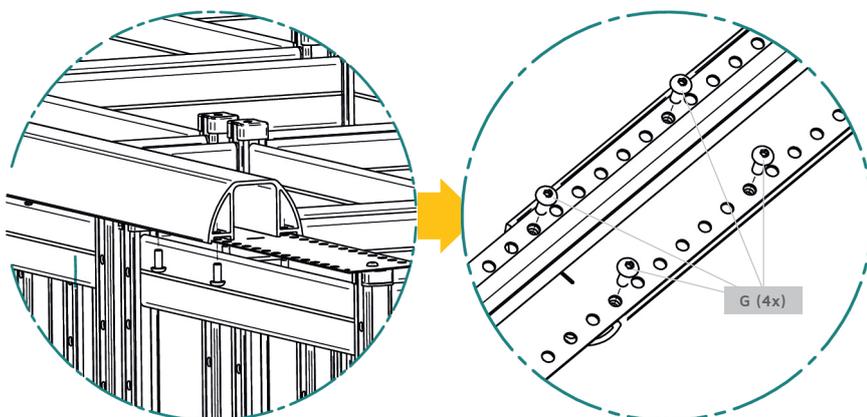
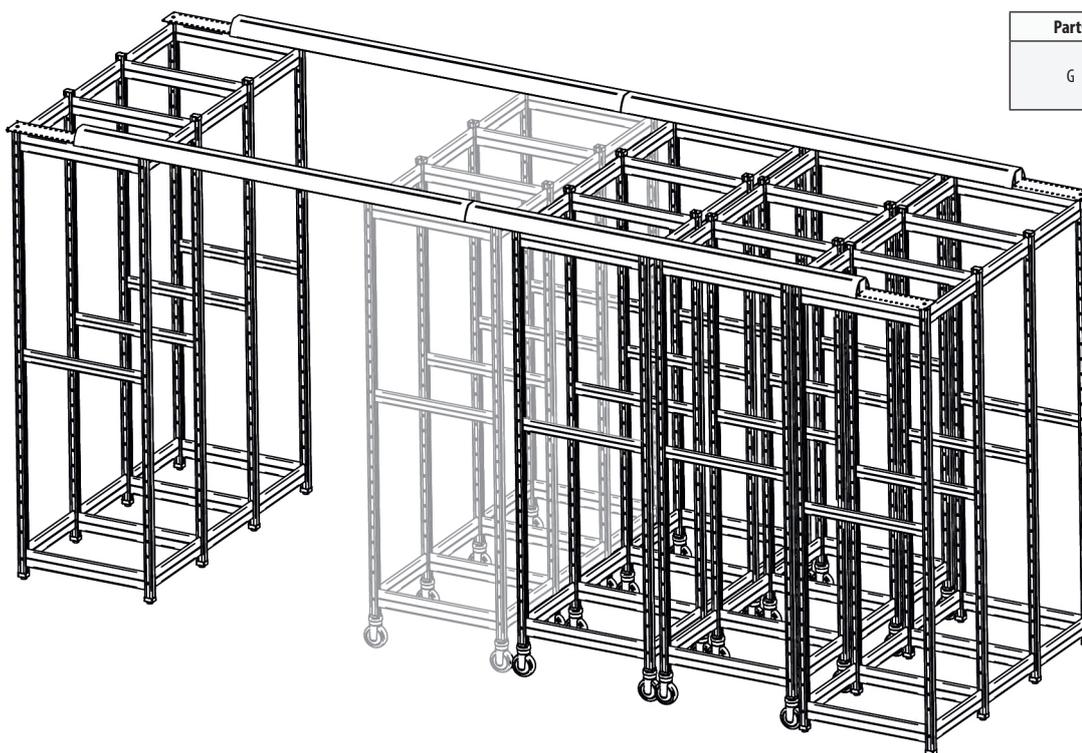


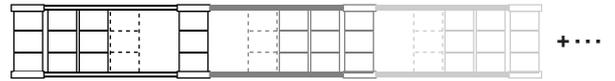
Ensure the track kit is always secured with 2 screws on each side. A tolerance of up to a total of 125 mm has been allowed per side, which can be increased in 25 mm increments, the total tolerance must not be exceeded.



UBeTrack™ top view

Parts	Quantity	Tool
G	16	

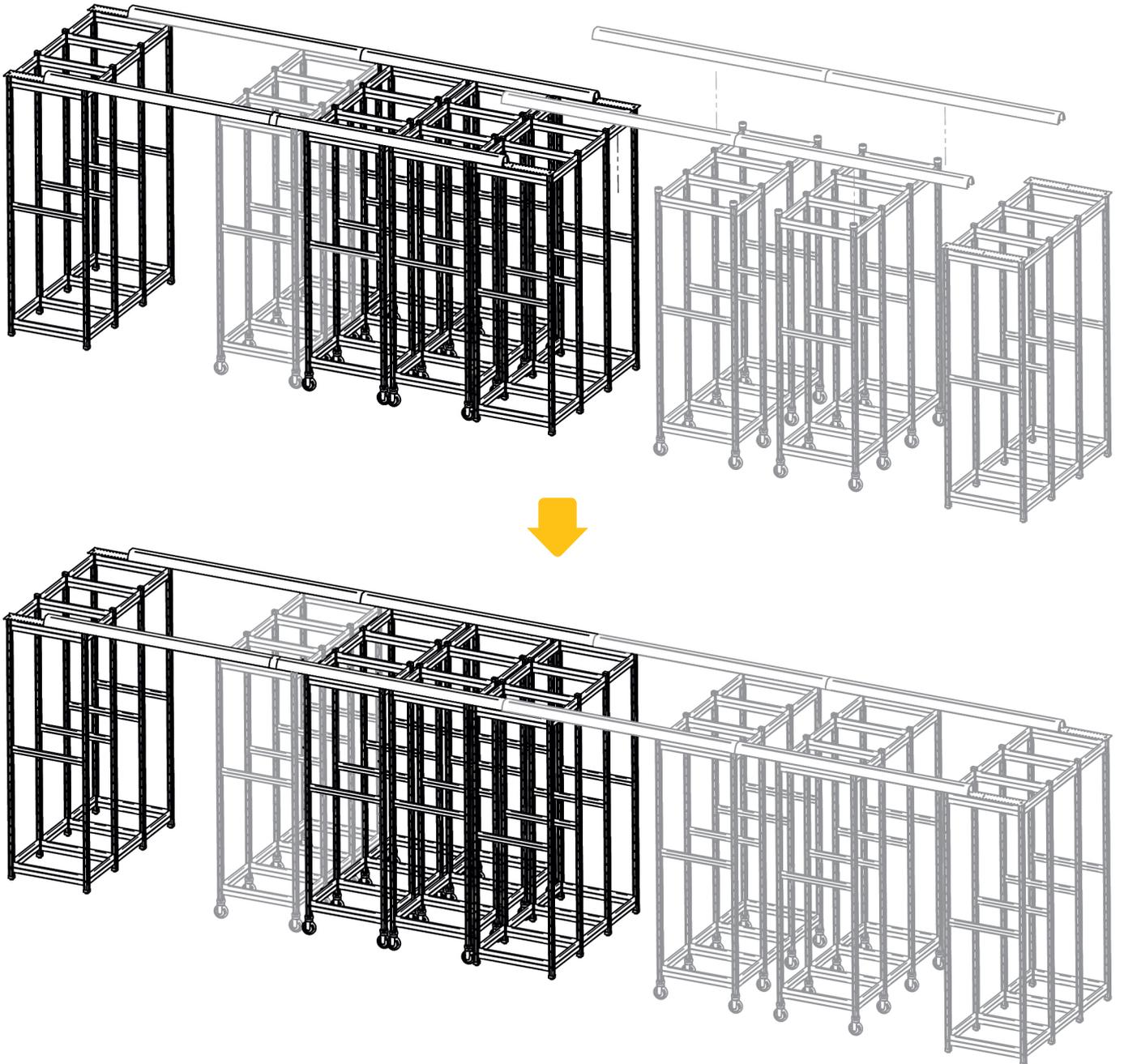




UBeTrack™ top view

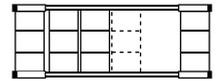
**Repeat steps 1 -5 from the manual**

- Step 1: 1x
- Step 2: 2x or 3x
- Step 3: 8x or 12x
- Step 4: 2x
- Step 5: 2x



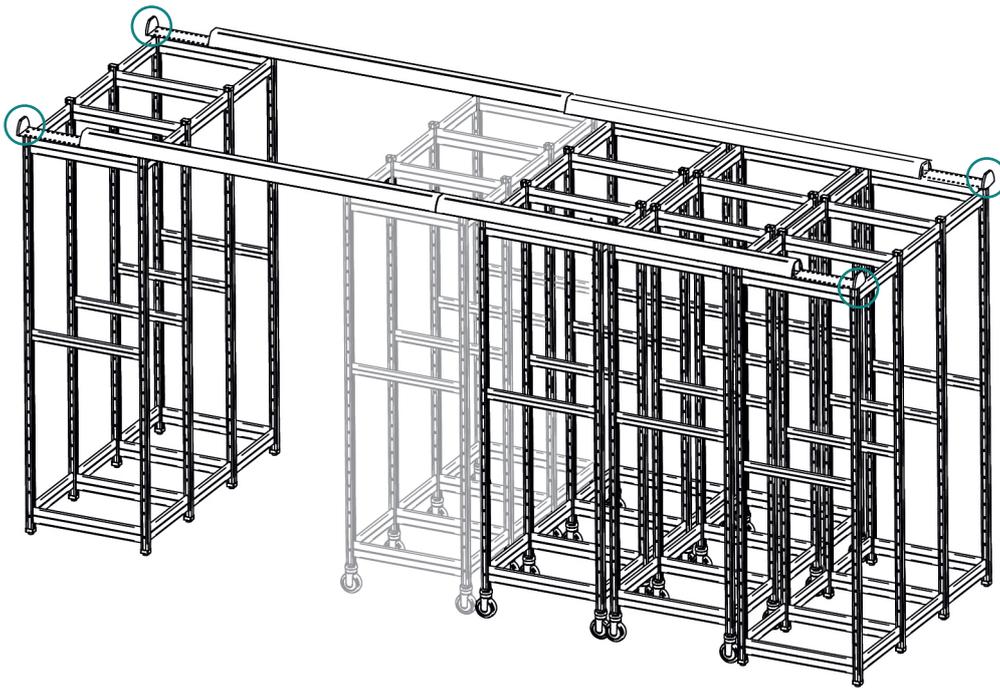
7

End pieces  
Assemble the end pieces

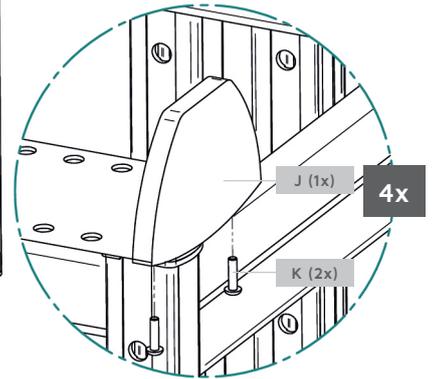


UBeTrack™ top view

EN

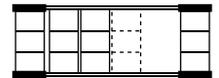


Parts	Quantity	Tool
J	4x	
K	8x	

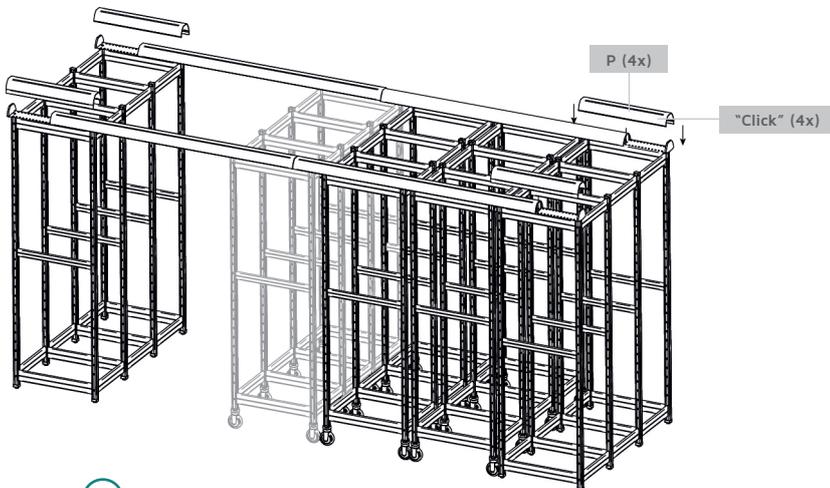


8

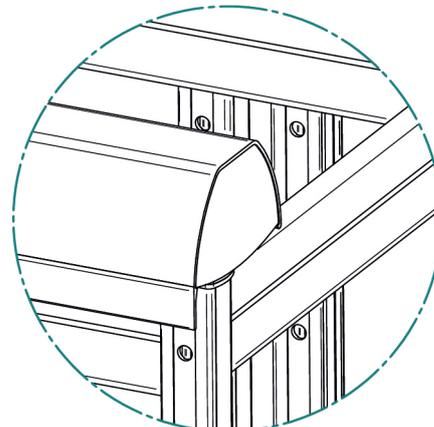
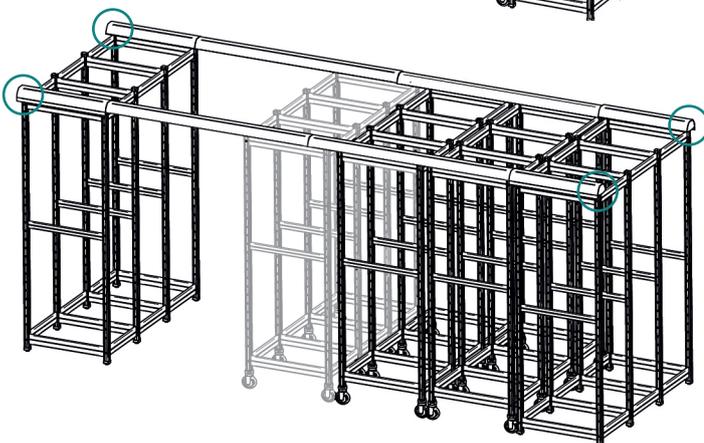
Cover panels  
Assemble the cover panels



UBeTrack™ top view



Parts	Quantity	Tool
P	4x	-



9

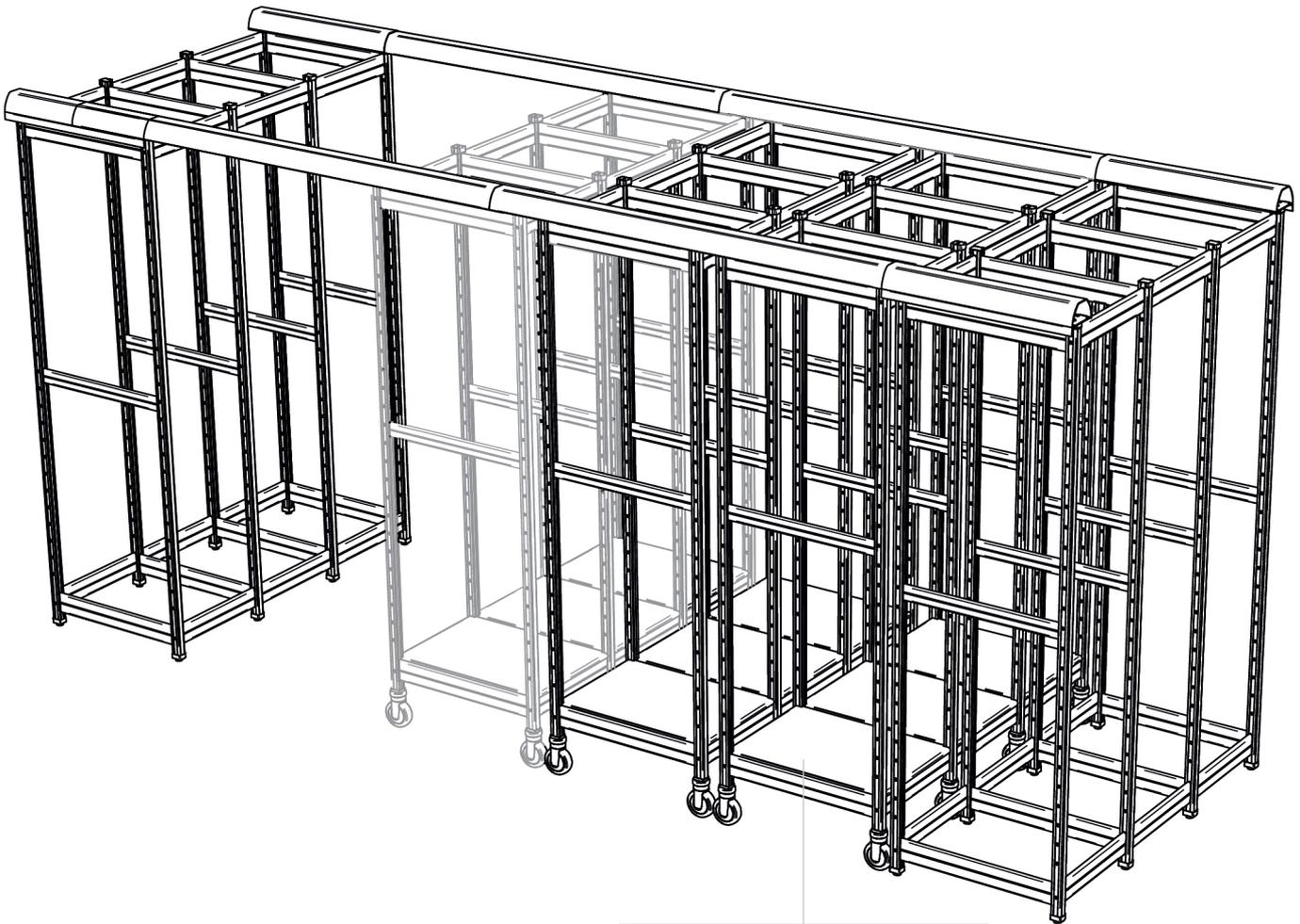
Install the base panels

If no roof panels were used install the bottom panels



UBeTrack™ top view

EN



Q or R  
(6 x for 2 mobile racks – 9 x for 3 mobile racks)



WARNING

All mobile columns (DIN or ISO) need to be fitted with a roof and/or bottom panel.

## 7. Maintenance and inspection

The UBeTrack™ unit must be inspected by technical staff at least once a year. Important aspects include: inspect for wear, check tightness of screws and examine welds.

EN

Clean with a damp cloth with non-corrosive cleaning products that are suitable for anodised aluminium.



**Never use corrosive cleaning products to clean the UBeTrack™.**

You can view the spare parts available for this item on the service desk database at <https://belintra.freshdesk.com/support/login>.

## 8. Warranty and service

The warranty covers material or manufacturing faults in the products from the date of manufacture. Please keep your proof of purchase. Incorrect use, improper handling, use of force and repairs by unqualified persons will void the warranty. Contact Belintra for more information about the warranty terms.

## 9. Waste processing

Dispose of this product through an accredited waste processing company or your local waste disposal authority. Observe existing regulations. In case of doubt, contact a specialised company. Dispose of all packaging material in an environmentally friendly manner.





[www.belintra.com](http://www.belintra.com)

Belintra N.V. makes every effort to provide accurate and complete information about the installation and use of this product. The information contained in this manual may be amended without prior notice. The illustrations included in it are for reference only and may contain information or functions that is/are not applicable to your unit. Belintra N.V. is not liable for technical or editing errors or omissions in this manual. You can always contact Belintra N.V. for the most up-to-date product information.

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