









Ropox Support Washbasin

Fixed - Basic - Manual USER MANUAL MOUNTING INSTRUCTIONS

Keep this manual with the product at all times

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1. Symbols used in this manual

Warning Symbol

Indication of potentially hazardous situation. If not avoided, it can result in serious injury or death.



Caution Symbol

Indication of potentially hazardous situation which may result in minor or moderate injury. It may also be used to alert against unsafe practices.



Notification Symbol

This symbol is used to notify correct use and handling of the product.



2. General safety



This manual must be read and understood before use. Always keep this manual in close proximity of the product.

The use, installation and service of this product must be in compliance with this manual to avoid accidents and serious personal injury.

Never use or handle this product in other ways specified in this manual as it can result in personal safety hazards and/or cause damage to the product.

Persons installing and/or using this product either as operator or user should have the necessary safety information and access to this manual.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified designated persons in order to avoid a hazard.



Do not perform repairs, disassembly or assembly operations, add-ons, re-adjustments or modification of the product beyond what is described in this manual. These must be carried out by Ropox or Ropox authorized personnel. Do not perform service while in use.

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Do not use the product if it has defects or have become damaged before being repaired or replaced. If the control box makes unusual noise or smells, switch off the mains voltage immediately.

Take care that the cables are not damaged.

Unplug the mains cable on mobile equipment before it is moved.

The products must only be used in an environment that corresponds to their IP protection.

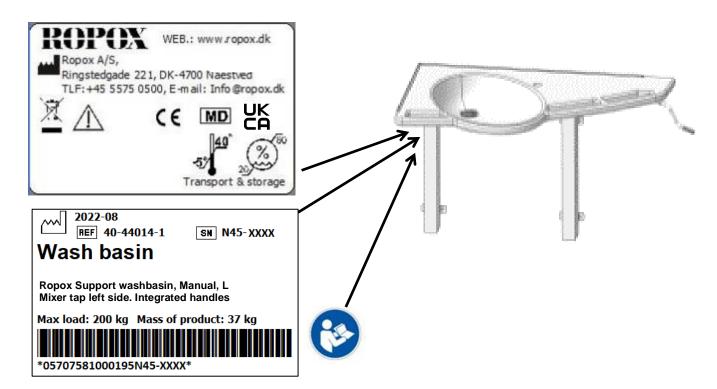


The information in this manual is based on correct installation in accordance with installation instructions for this product.

Ropox cannot be held liable if the product is used in any way that differs from stated in this manual and/or installation instruction.

Ropox reserve the right to amend this manual and reference documents without prior notice.

2.1 Product Unit label



This product is UKCA-marked in accordance with:	
UK CA	UK SI 2002 No. 618 - The Medical Devices Regulations 2002, and its amendments
	UK SI 2008 No. 1597 - The Supply of Machinery (Safety) Regulations 2008, and its amendments
	This product is CE-marked in accordance with:
European Medical Device Regulation (EU)2017/745	
	Council Directive 2006/42/EC on machinery
	Council Directive 2011/65/EU, RoHS
	Manufacturer name and address
M	Date of production
REF	Stock number
SN	Serial number
\triangle	Consult manual for important safety related information, warnings and safety precautions.
Z .	Do not dispose as unsorted municipal waste. Product must be returned to a designated recycling station.
40°C 5°C €	Operating and storing temperatures may not exceed 5-40C°
	Consult the instructions for use

3. General requirements

3.1 Product information

Manufacturer	Ropox A/S Ringstedgade 221, DK-4700 Naestved +45 55 75 05 00 Info@ropox.com Part number Model Configuration			
Product models	Part number	Configuration		
	40-44010	Supp	ort Washbasin	Fixed L
	40-44011	Supp	ort Washbasin	Fixed R
	40-44012	Supp	ort Washbasin	Basic L
	40-44013	Supp	ort Washbasin	Basic R
	40-44014	Supp	ort Washbasin	Manual L
	40-44015	Supp	ort Washbasin	Manual R
Expected service life	5 years			
MDR Class	Class I			
2017/745				
Intended environments	This product is to be used only in:			
	Professional Healthcare Environment			
	Homecare Environment			
Height adjustment	Basic = 71-101cm			
3 ,	Manuel = 71-101cm			
Maximum user weight	400 kg / 881 lb			
according to ISO				
17966:2016				
Ambient temperature	-10 °C to +50 °C T			
range	+5 °C to +40 °C Operation			
Realtive humidity	20% to 80% - non-condensing			
Materials in contact with patient	Wash basin		Synthetic/marble composite	
mai padont	Frame		Welded steel pipes St. 37, ale	uminum
	Mixer tap		Chrome	
Accessories	40-40935	Plua	with overflow	

Accessories	40-40935	Plug with overflow
	40-44021	Cover plates left, for Fixed and Basic
	40-44022	Cover plates right, for Fixed and Basic
	40-44027	Cover plates left, for Manual
	40-44028	Cover plates right, for Manual
	40-44020	Plumbing kit for Manual
	40-44033	Plumbing kit for Fixed and Basic
	40-44040	Mixer tap

3.2 Product description

The Ropox Support Washbasin is a disability-friendly and stable washbasin, which is adjustable in height, based on the needs of the individual. The washbasin is specifically designed for use by people with difficulty walking. It has integrated grab rails, to prevent fall injury.

3.3 Intended use

The support washbasin is especially suitable for walking-impaired because you can use the integrated, ergonomic grab rails as support and as help when getting up or sitting down. The washbasin is available with fixed height and with height adjustment. It is possible to choose between manual or electrical height adjustment. This makes it able to suit the individual user who will be using the washbasin.

3.4 Intended operator

Reading and understanding this manual will be sufficient training for an intended operator. Children under the age of 16 or patient are not considered intended operator.

3.5 Essential performance

The product does not have essential performance, as the patient and user do not experience any risk in case of loss of product function/performance.

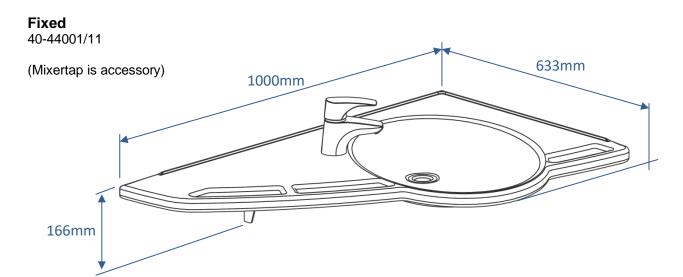
3.6 Nonclinical functions

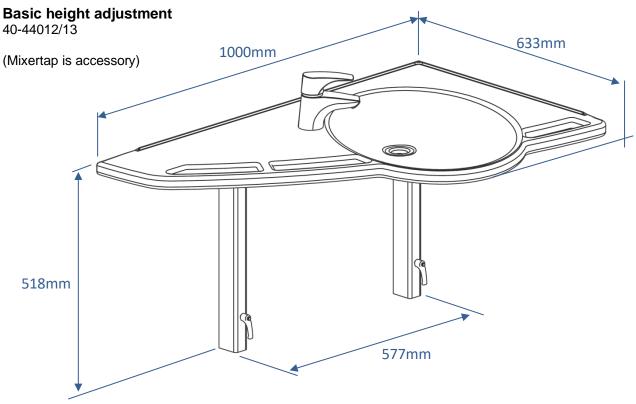
Height adjusting offers better ergonomics to the user.

3.7 Clinical functions

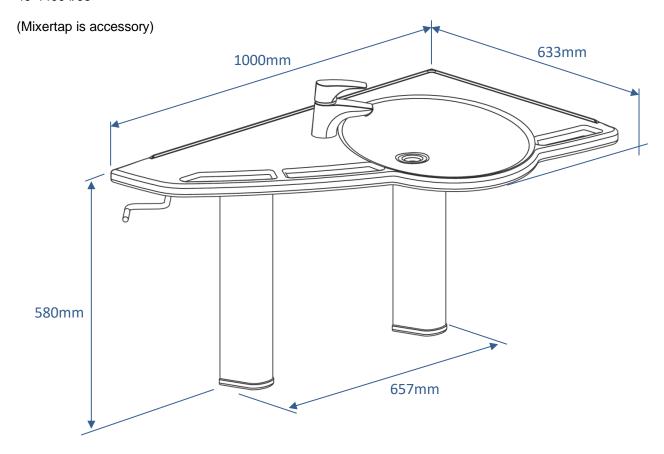
The product does not have any clinical functions.

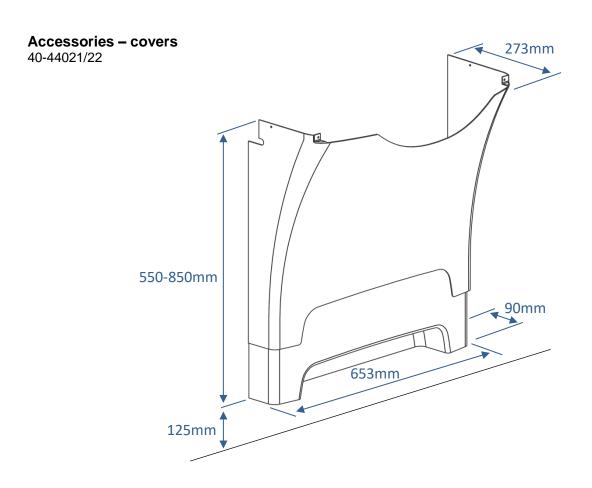
3.8 Product dimensions





Manual height adjustment 40-44004/05

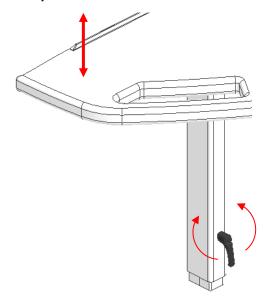




3.9 Operation

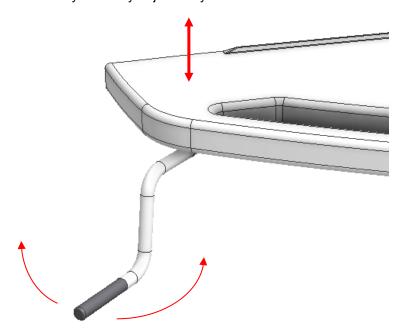
Basic height adjustment (applying to 40-44012/13)

The height of the washbasin may be adjusted by loosening the two handles. Note that the washbasin must be supported while loosening the handles in order to prevent it from falling to the bottom position. Covers, if any, must be removed before adjustment of these models.



Manual height adjustment (applying to 40-44014/15)

The height of the washbasin may be easily adjusted by means of the detachable hand crank.



Warning!



The product should always be able to travel the full range of actuation without colliding with objects. Failing to do so will compromise the product stability and introduce risk of squeezing body parts.

Special care should be taken in ensuring that no children or adults are sited under the product as severe injury from entrapment may occur.

4. Mounting instructions

4.1 Installation interfaces

Fixed

(40-44010 and 40-44011)

Construction

The wall must be made of a material suited for screw mounting and approved for damp rooms. The hatched area is the minimum area for reinforcement of the wall. Reinforcement from floor to ceiling is advisable.

Load-tested in Accordance with DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max. tensile load of upper screws 150kg/screw (330 lbs)

The washbasin is supplied with a set of 6 screws and rawlplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawlplugs suitable for the specific wall type.

Plumbing

The drain is \emptyset 32 (1 $\frac{1}{4}$ ") and ends in an \emptyset 32x88.5° drain elbow.

The maximum protrusion of drain connection and elbow from the wall is $90mm (3 \frac{1}{2})$ to allow for the covers.

The water supply ends in 2 (two) 90° shut-off valves with $\frac{1}{2}$ " outside thread pointing downward (not included).

The maximum protrusion of the shut-off valves from the wall is 90mm (3 $\frac{1}{2}$ ") to allow for the covers.

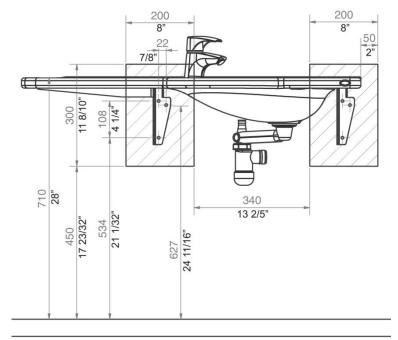
If a location of the water supply and drain different from the recommended positioning is required or if there is a floor drain, the Support Washbasin will have no covers.

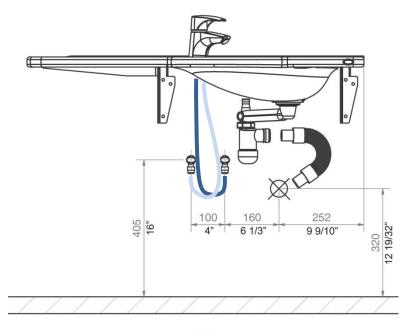
For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

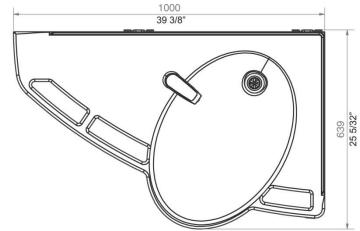
Note

All dimensions are based on a washbasin height of 710mm (28") above floor level. If a change of this height is required, the recommended dimensions must be changed accordingly.

The illustrations show the left-hand model 40-44010







Basic

(40-44012 and 40-44013)

Construction

The wall must be made of a material suited for screw mounting and approved for damp rooms

The hatched area is the minimum area for reinforcement of the wall.

Reinforcement from floor to ceiling is advisable.

Load-tested in Accordance to DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max. tensile load of upper screws 85kg/screw (187 lbs)

The washbasin is supplied with a set of 6 screws and rawlplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawlplugs suitable for the specific wall type.

Plumbing

The drain is \emptyset 32 (1 $\frac{1}{4}$ ") and ends in an \emptyset 32x88.5° drain elbow.

The maximum protrusion of drain connection and elbow from the wall is 90mm (3 ½") to allow for the covers.

The water supply ends in 2 (two) 90° shut-off valves with $\frac{1}{2}$ " outside thread pointing downward (not included).

The maximum protrusion of the shut-off valves from the wall is 90mm (3 $\frac{1}{2}$ ") to allow for the covers.

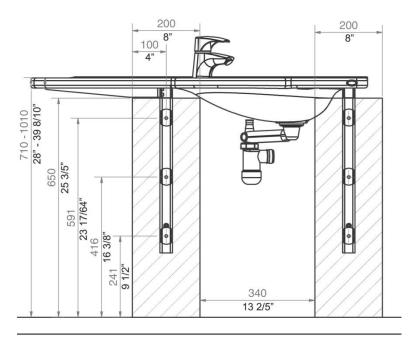
It is important that all hoses for water connection and drain are flexible to allow the frame to move freely within the height adjustment range of 710-1010mm (28" – 39 8/10") (including washbasin).

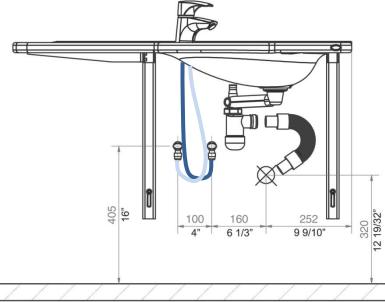
If a location of water supply and drain different from the recommended positioning is required or if there is a floor drain, the Support Washbasin will have no covers.

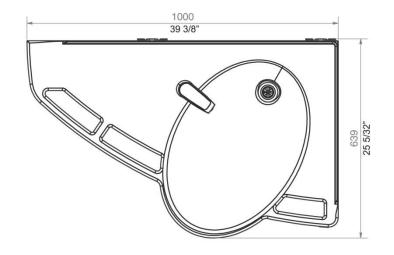
For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

Note

The illustrations show the left-hand model 40-44012







Manual

(40-44014 and 40-44015)

Construction

The wall must be made of a material suited for screw mounting and approved for damp rooms

The hatched area is the minimum area for reinforcement of the wall.

Reinforcement from floor to ceiling is advisable.

Load-tested in Accordance with DS/ISO 17966, the maximum user weight has been fixed at 400kg (881 lbs).

Max tensile load of upper screws 71kg/screw (157 lbs)

The washbasin is supplied with a set of 8 screws and rawlplugs suitable for mounting on a concrete wall. The fitter should always consider the material, condition and strength of the wall and use screws and rawlplugs suitable for the specific wall type.

200 8" 23.5" 23.5" 23.315" 23.316" 23.316" 23.316" 34.0 13.275"

Plumbing

The drain is \emptyset 32 (1 $\frac{1}{4}$ ") and ends in an \emptyset 32x88.5° drain elbow.

The maximum protrusion of drain connection of elbow from the wall is 90mm (3 ½") to allow for the covers.

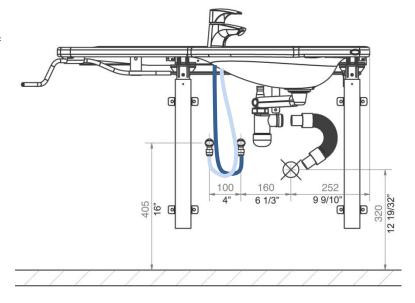
The water supply ends in 2 (two) 90° shut-off valves pointing downward (not included). The maximum protrusion of the shut-off valves from the wall is 90mm (3 $\frac{1}{2}$ ") to allow for the covers

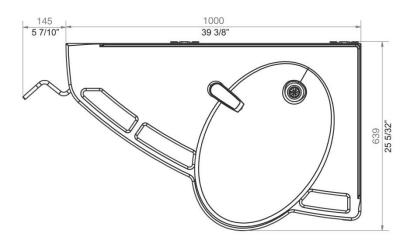
It is important that all hoses for water connection and drain are flexible to allow the frame to move freely within the height adjustment range of 710-1010mm (28" – 39 8/10") (including washbasin).

If a location of water supply and drain different from the recommended positioning is required and if there is a floor drain, the Support Washbasin will have no covers.

For purchase of adapters for connection to various standard installations, see "Connection Adapters – Other Washbasins".

NOTE: The illustrations show the left-hand model 40-44014





4.2 Connection adapters

The highlighted components can be bought separately depending on the type of building installation requirements.

Water supply

water suppry		
Hoses from basin	Adapters	Installation in room (not included)
	No adapter necessary	1/2" Thread
1/2"		
	1/2" -> 3/8"	3/8"
	Item no. 97001670	Thread
	1/2" -> 15mm	15mm
	Item no. 97001666	Pipe

Water hose extensions

Water free exteriores				
Hose from basin	Coupling piece	Extra hose		
		1/2" x 1/2", 0,5m, steel Item no. 97001123		
	1/2" -> 1/2"	1/2" x 1/2", 1m, plastic		
	Item no. 97001662	Item no. 97001120		

Drain

Drain pipe from basin	Adapters	Installation in room (not included)
	No adapter necessary	Ø32
Ø32	Ø32 -> Ø40 Item no. 97001660	Ø40
	Ø32 -> Ø50 Item no. 97001661	Ø50

Drainpipe extensions

Drainpipe from basin	Coupling piece	Extra drainpipe
		Ø32 Flex hose, 27-62cm Item no. 97001162
Ø32		
	Ø32-Ø32	Ø32 Flex hose, 40-110cm
	Item no. 97001662	Item no. 97001161

4.3 List of components

Ropox Support Washbasin, Fixed, left, 40-44010

40*44010-064: Top plate with washbasin, left-oriented 1 (one)

Provided with:

40*44010-063: Fixed wall bracket, long 1 (one)

40*44010-062: Fixed wall bracket, short 1 (one)

40*44010-048: Frame Basic side bracket 1 (one)

Ropox Support Washbasin, Fixed, right, 40-44011

40*44010-070: Top plate with washbasin, right-oriented 1 (one)



Provided with:

40*44010-063: Fixed wall bracket, long 1 (one)

40*44010-062: Fixed wall bracket, short 1 (one)

40*44010-048: Frame Basic side bracket 1 (one)

Ropox Support Washbasin, Basic height adjustment, left, 40-44012

40*44010-064: Top plate with washbasin, left-oriented 1 (one)



Basic height-adjustment brackets

Incl.
40*44010-025 Long bracket
40*44010-026 Short bracket
40*44010-020 Inside legs
97800-022 Threaded plate
97001631 Adjustable handles

40*44010-048 Frame Basic side bracket

1 (one) set



Ropox Support Washbasin, Basic height adjustment, right, 40-44013

40*44010-070: Top plate with washbasin, right-oriented 1 (one)



Basic height-adjustment brackets

 Incl.

 40*44010-025
 Long bracket

 40*44010-026
 Short bracket

 40*44010-020
 Inside legs

 97800-022
 Threaded plate

 97001631
 Adjustable handles

 40*44010-048
 Frame Basic side bracket



Ropox Support Washbasin, Manual height adjustment, left, 40-44014

40*44010-064: Top plate with washbasin, left oriented 1 (one)



Provided with:

Top frame, left oriented

Incl.

40*44010-042 Frame Manual support, left 40*44010-057 Hand crank assembly left

1 (one)



30-67600: Flexi legs, Manual

Incl.

40*44010-038:

Cover

Distance blocks

Hexagonal shaft

2 (two) sets



1 (one)

1 (one)

20*60320-548: Hand crank

Ropox Support Washbasin, Manual height adjustment, right, 40-44015

40*44010-070: Top plate with washbasin, right-oriented 1 (one)



Provided with:

Top frame, right-oriented

40*44010-077

30-67600:

40*44010-082

Frame Manual support, right Hand crank assembly, right

Flexi legs, Manual

1 (one)



Incl. Cover

Distance blocks

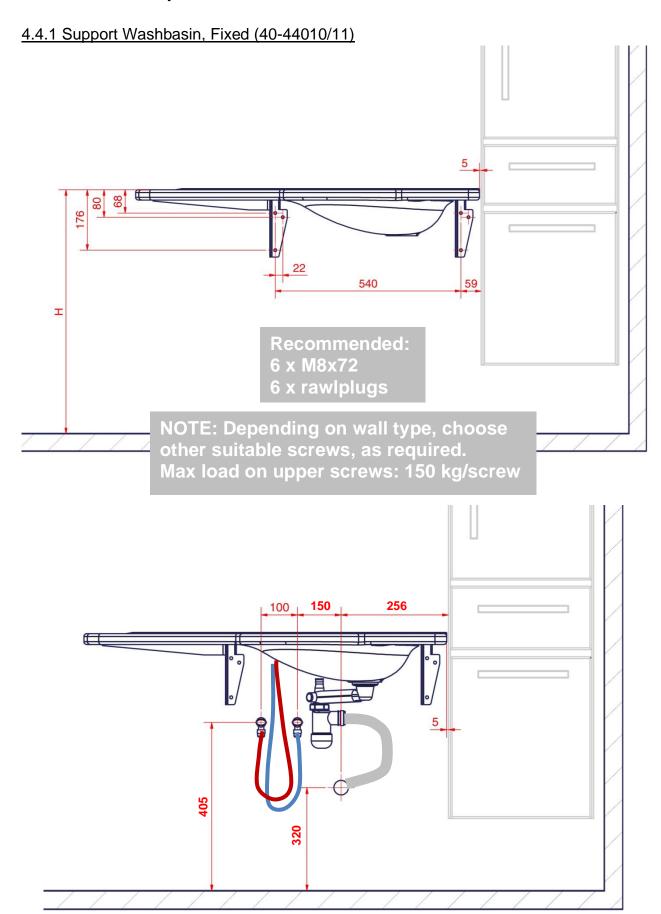
2 (two) sets



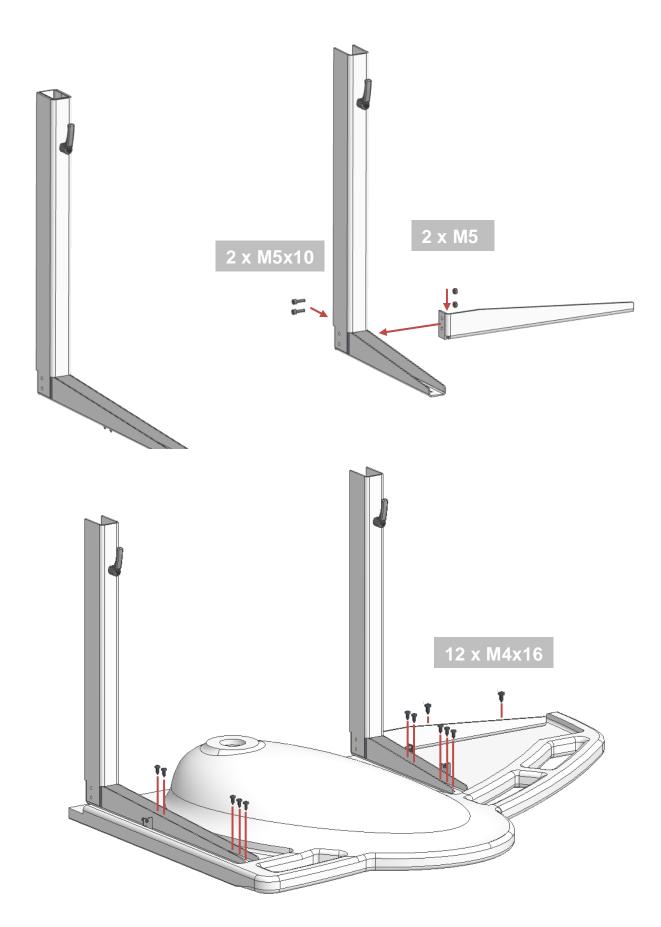
40*44010-038: Hexagonal shaft 1 (one)

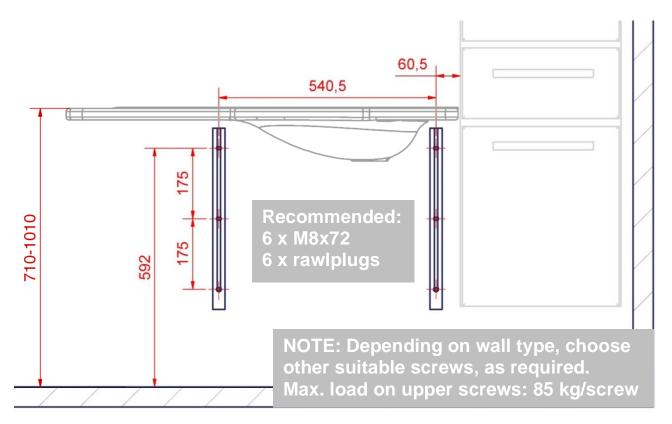
20*60320-548: Hand crank 1 (one)

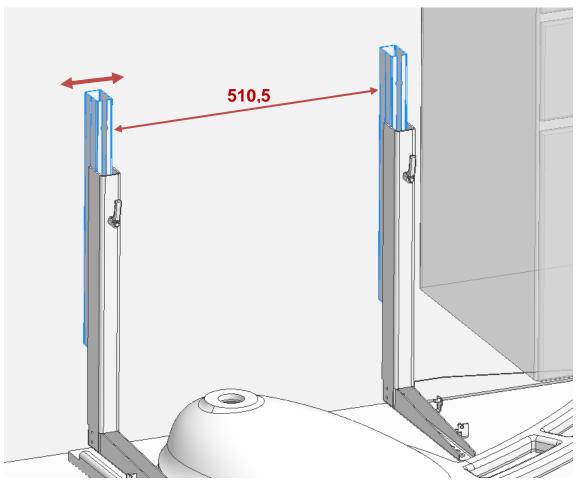
4.4 Installation of product



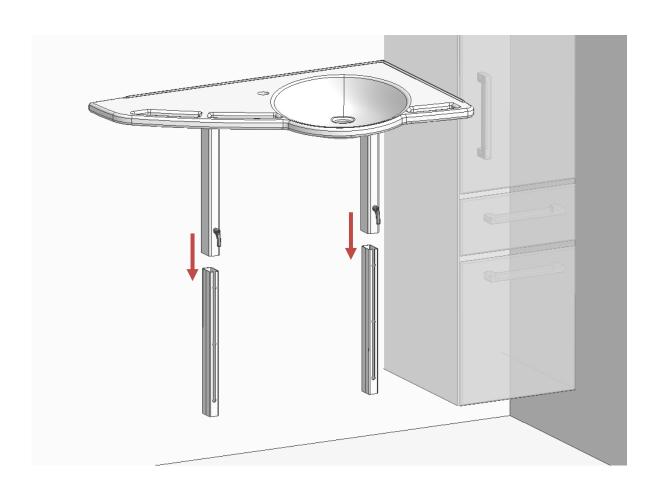
4.4.2 Support Washbasin with Basic frame (40-4012/13)

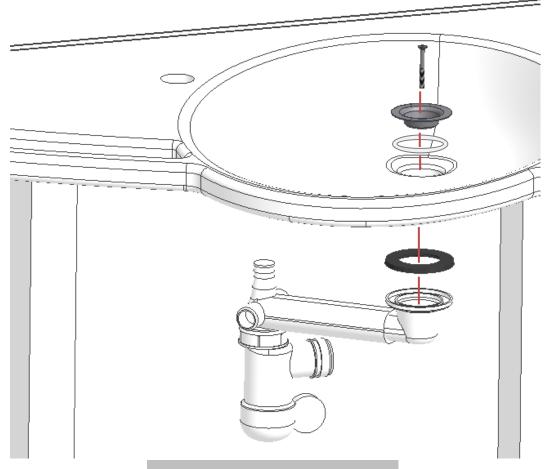




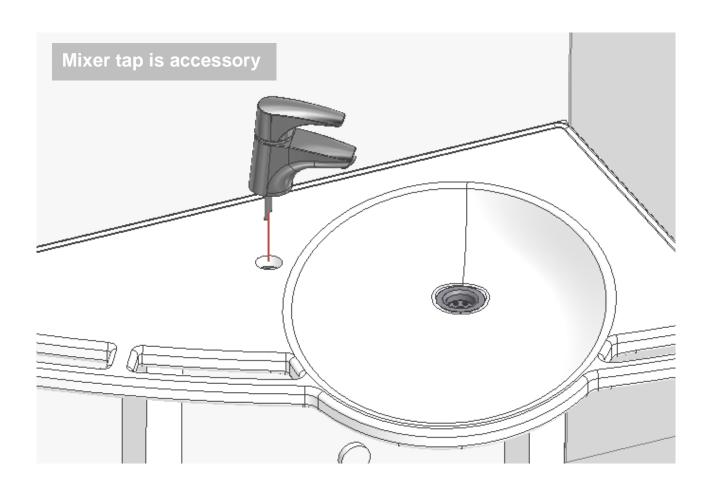


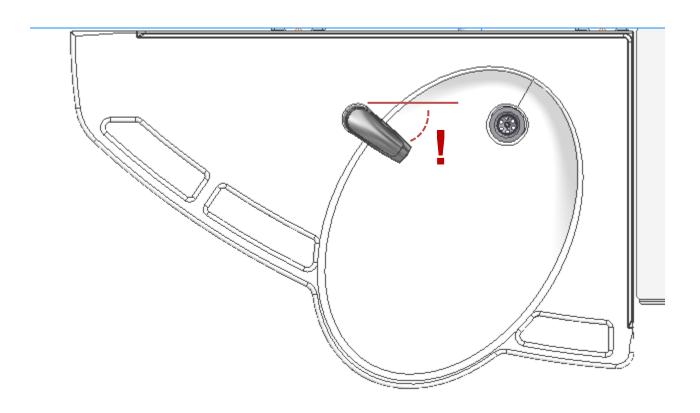
Fine adjustment of wall fitting – use legs on washbasin as a guide

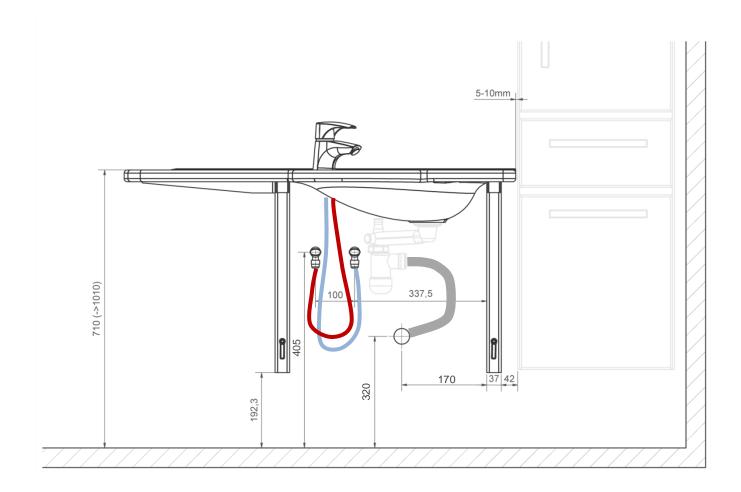




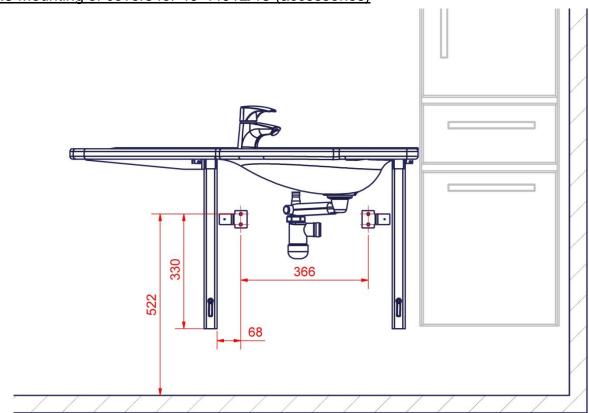
Plumbing kit is accessory

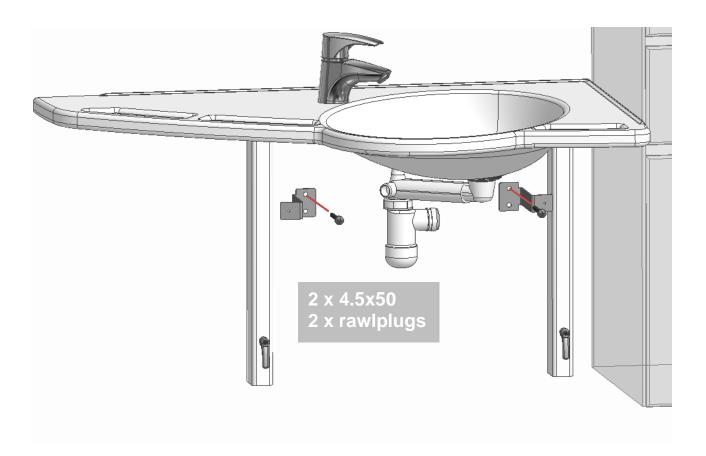


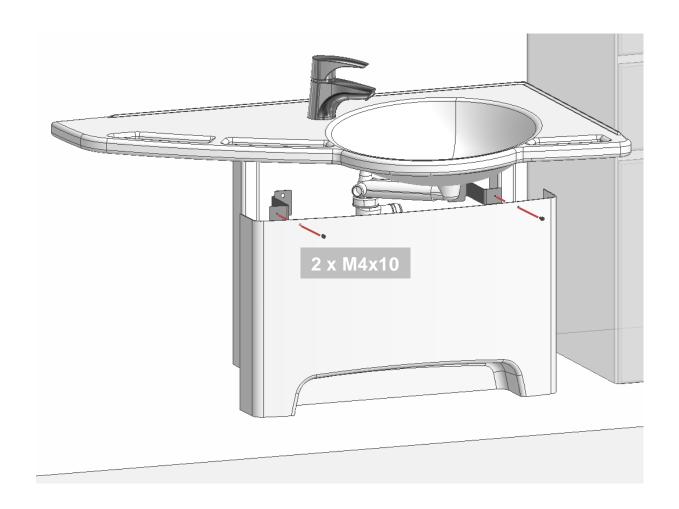


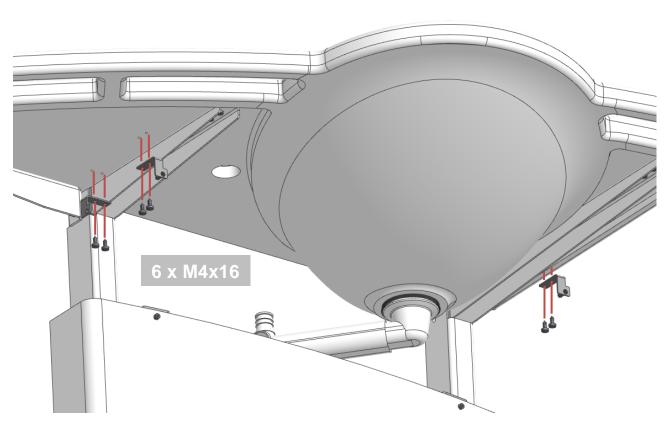


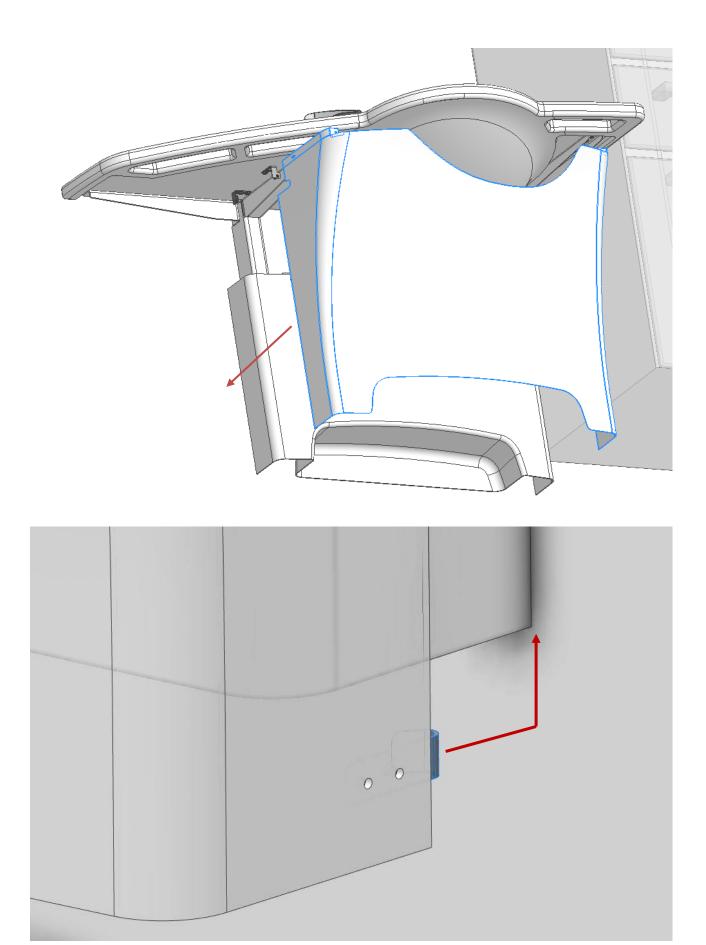
4.4.3 Mounting of covers for 40-44012/13 (accessories)



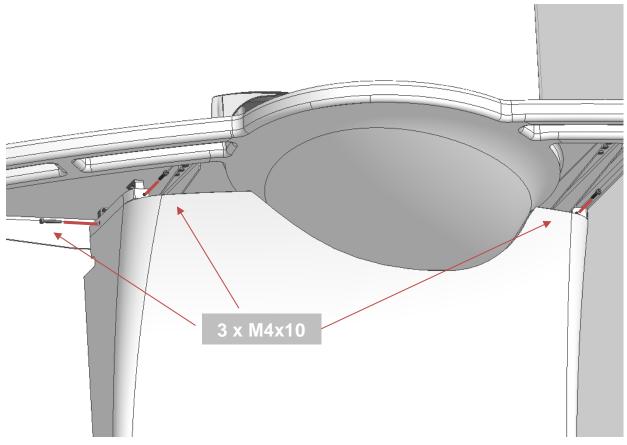




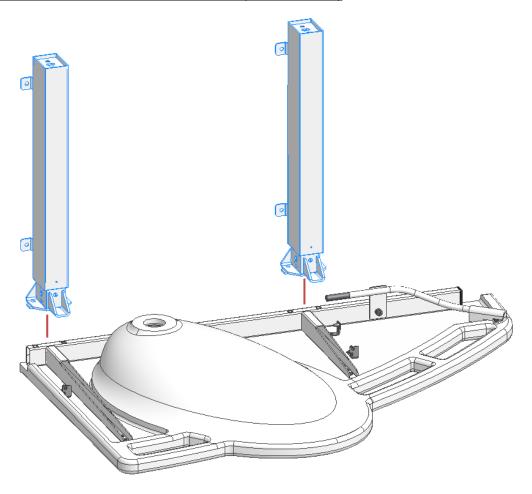


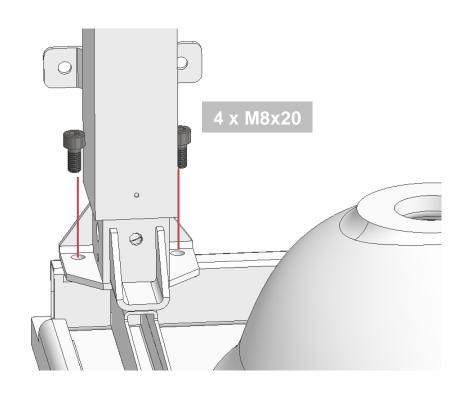


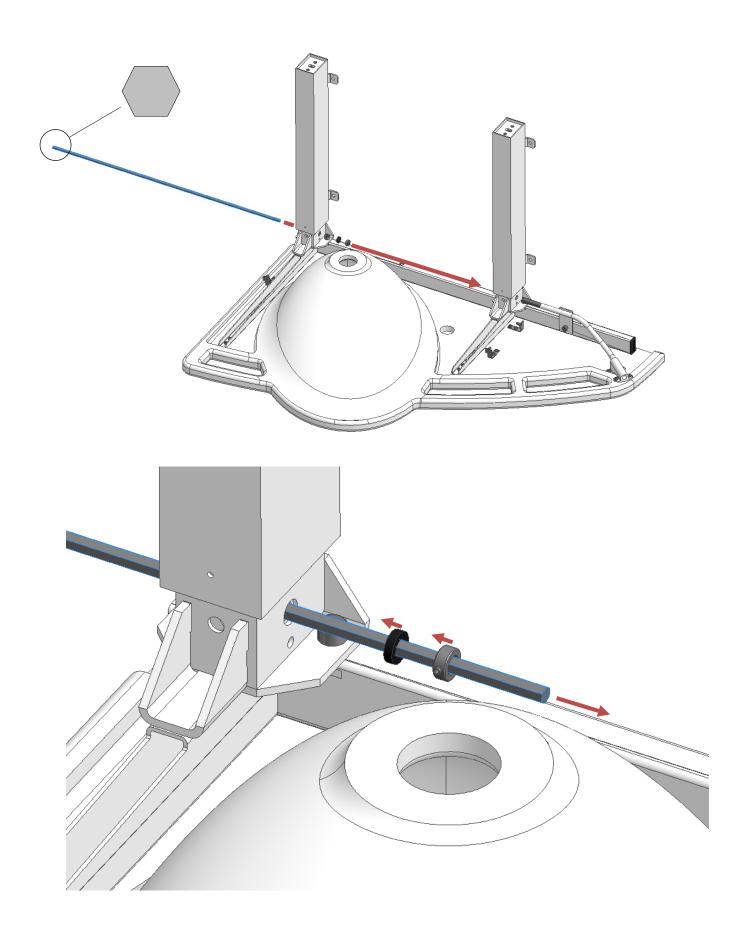


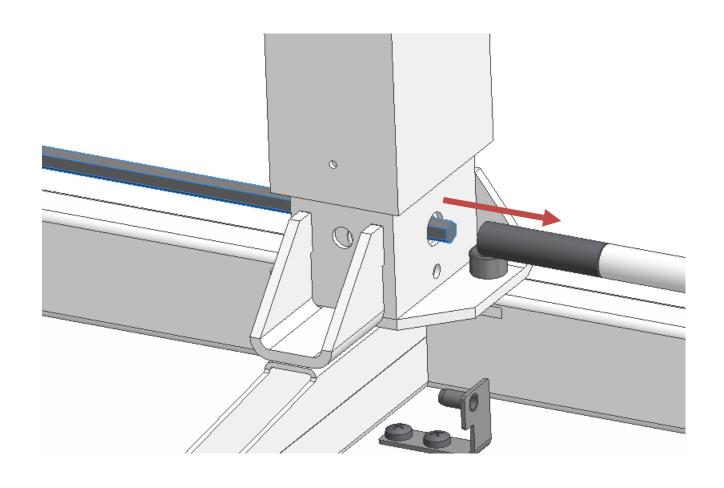


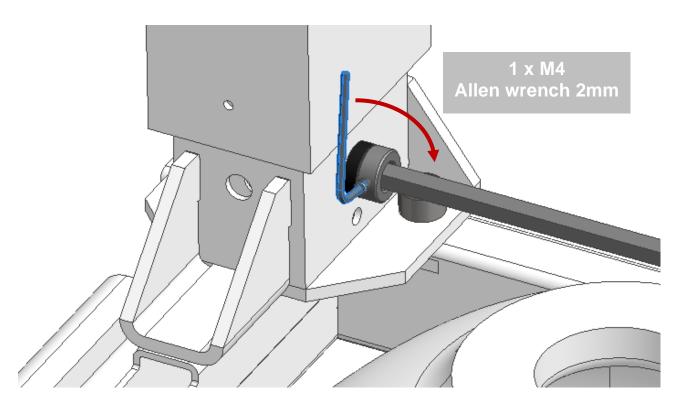
4.4.4 Support Washbasin with Manual frame (40-44014/15)

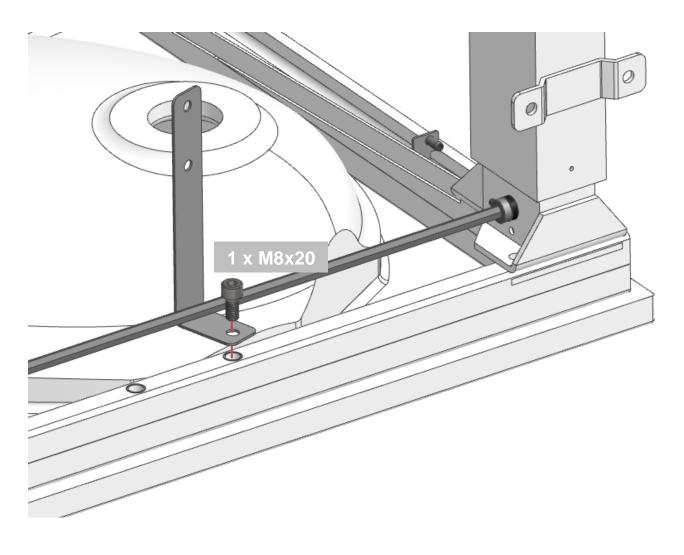


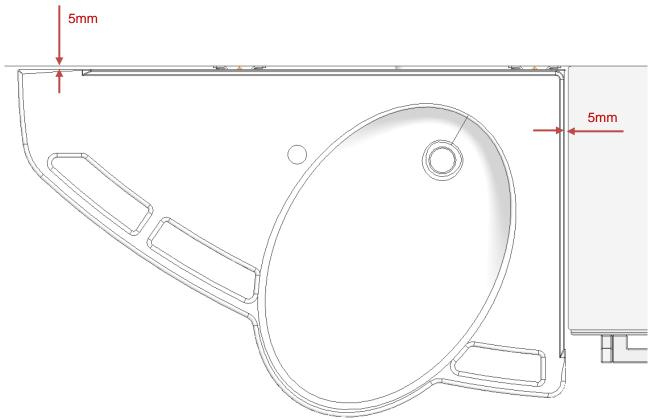


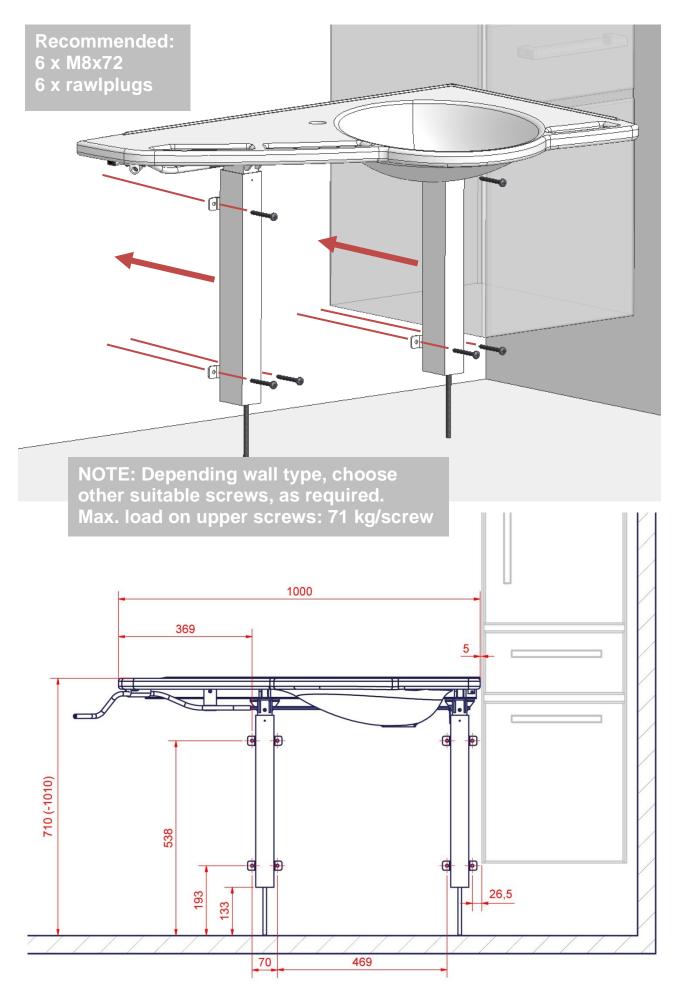


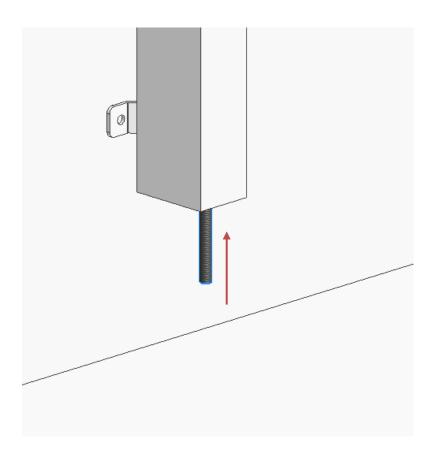


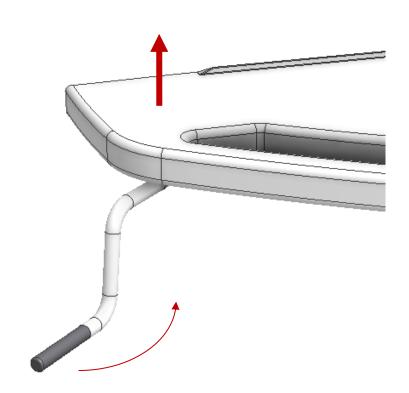




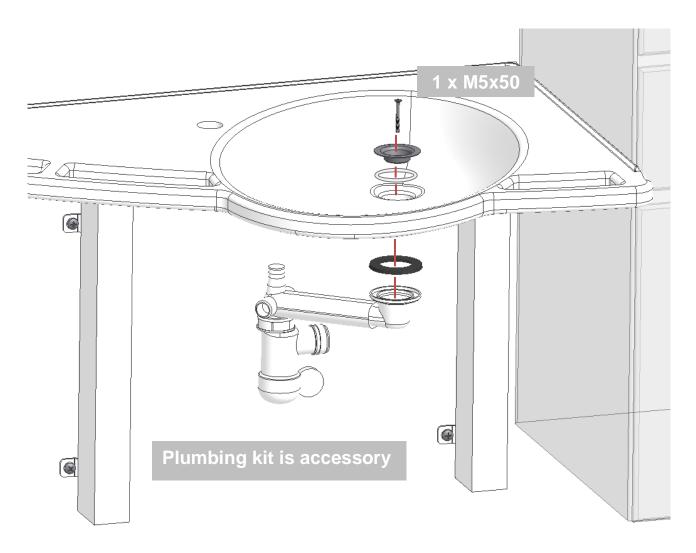


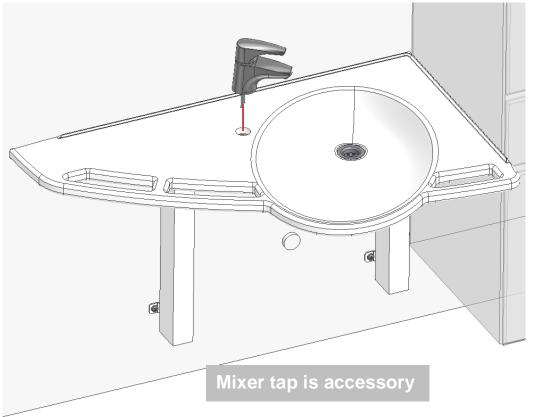


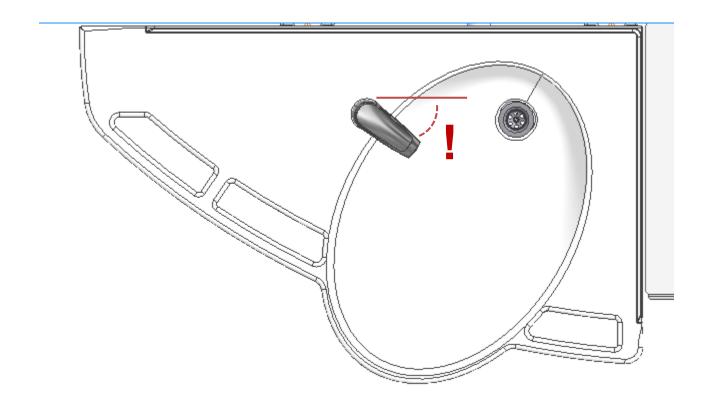


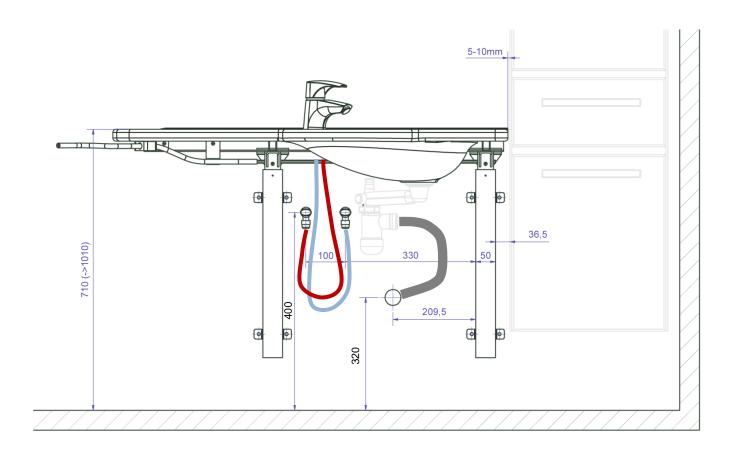


Tip: Move washbasin to top position to facilitate further mounting

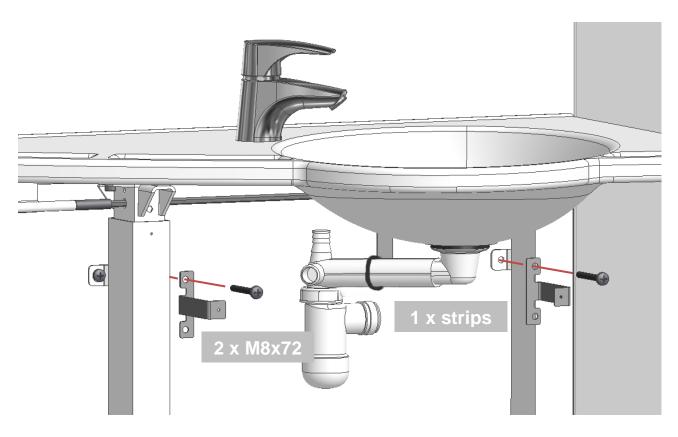


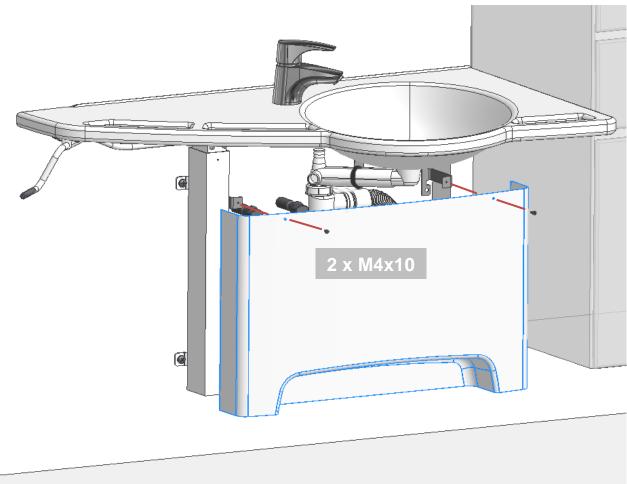




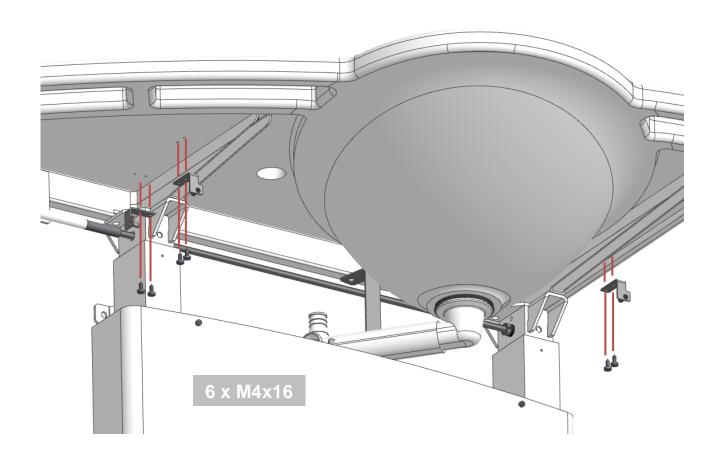


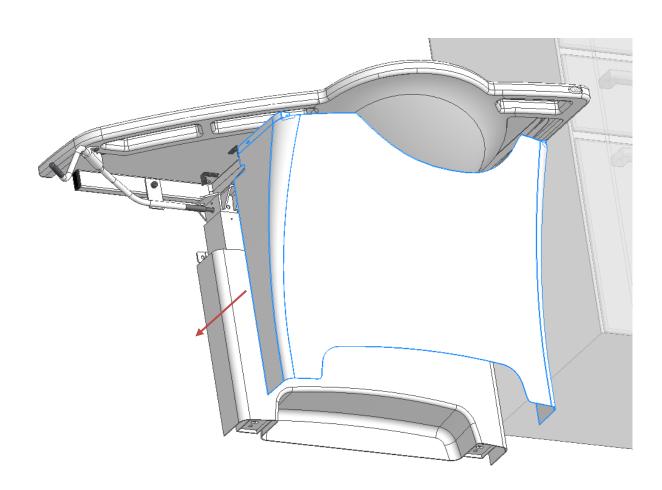
4.4.5 Mounting of covers for 40-44014/15

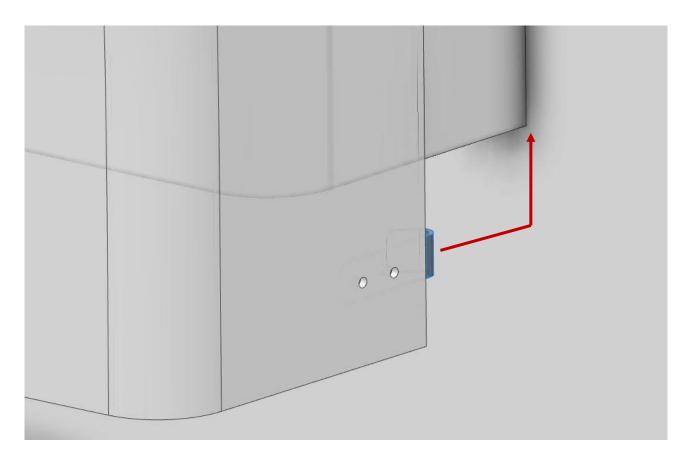




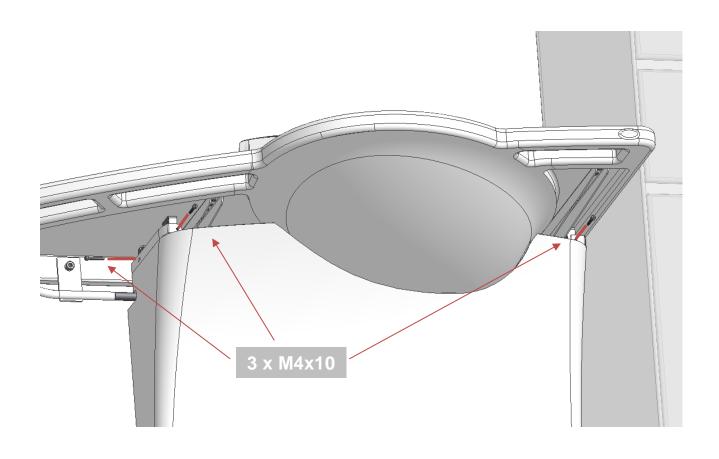
34 TF 200.01.0047_eng

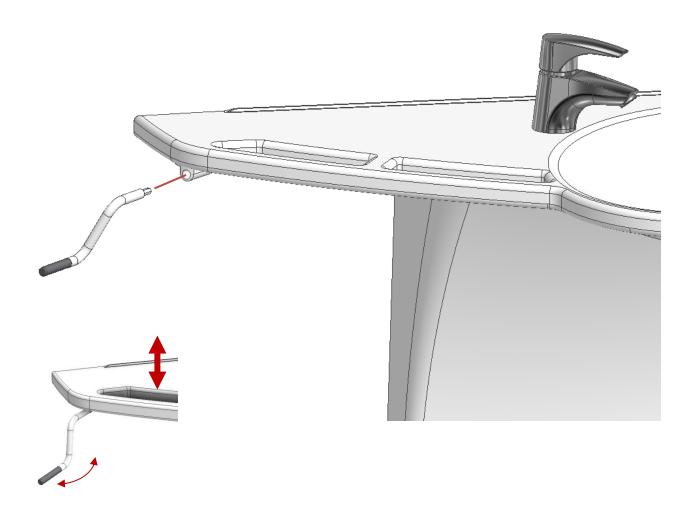












5. Performance test

After completed installation and before use, all functions of the Ropox Support Washbasin must be tested. After that, a performance test must be carried out at least once a year by competent personnel.

- 1. Check that the mounting instructions have been observed.
- 2. Check that all bolts and screws have been tightened.
- 3. Check that all drains and hoses have been correctly connected.
- **4.** Ensure that there is no load on the frame.
- **5.** Ensure that there are no objects preventing the frame from moving freely within the height adjustment range.

When these tests have been carried out successfully, Ropox Support Washbasin is ready for use. See Section "Safety in use".

6. Safety in use

- Ropox Support Washbasin must only be adjusted in height by persons who have read and understood these instructions.
- Some models of Ropox Support Washbasin are height-adjustable and must not be used as a lifting table or person lifter.
- Always use the washbasin in a manner excluding the risk of damage to persons or property. The person operating the washbasin is responsible for avoiding damage or injury.
- If the washbasin is used in publicly accessible locations where children or persons with reduced observation capacity may get near it, the person operating the washbasin must pay attention to those present in order to prevent dangerous situations.
- Make sure that there is free space above and below the washbasin to allow height adjustment.
- Do not overload Ropox Support Washbasin and make sure that the load distribution is correct.
- Do not operate the washbasin in case of defects or damage.
- Modifications, which may influence the performance or design of Ropox Support Washbasin, are not allowed.
- Be aware that the washbasin becomes slippery when wet.
- Be aware that if there is water in the washbasin when it is height adjusted, it may spray on the floor.
- Be aware that if the drain stops when the water is running, the floor will get wet.
- > Installation, service and repairs must be carried out by competent personnel.
- > During inspection, service or repairs any load must be removed from Ropox Support Washbasin.

7. Service and maintenance

7.1 Cleaning

Wipe Ropox Support Washbasin with a wrung cloth with lukewarm water and a mild detergent. Do not use enchants, abrasives or grinding cloths, brushes and sponges.

7.2 Cleaning of washbasin

Ropox Support Washbasin is made of a composite material of marble and plastic granulate with a gel coat surface. This gives a hard and very hardwearing finish, which is easy to clean. Wash the surfaces daily with water and dry with a cloth. Do not use detergents containing hard abrasives – e.g. steel wool, scouring powder or sulphuric acid.

If the water has high calcium content, calcareous deposits will often occur. These deposits should be removed at least once a week by using a detergent containing citric acid, acetic acid or phosphoric acid. Leave the detergent to work for 5 to 10 minutes depending on the thickness of the deposits and clean thoroughly with a soft scouring sponge.

Disinfection of the basin may be done with household spirits.

Note!



Do not use cleaning agents containing abrasive e.g. scouring powder, steel wool, scouring sponge.

This product is not designed to be sterilized, autoclaving and sterilization beyond normal cleaning may possibly change the product safety and function.

7.3 Inspection



Note

Failing to comply with periodic maintenance may result of degrading of product function and safety.

Note!



Ropox will make parts list and circuit diagrams available for maintenance and repair beyond what is described in this manual. Only use Ropox original spare parts for replacement. If other spare parts are used, the whole guarantee may become void. Repair beyond what is described in this manual may only be done by Ropox designated service personnel.

The frame of Ropox Support Washbasin is maintenance-free. Moving parts have been lubricated for life. For reasons of safety and reliability, we recommend inspection of the frame once a year.

Annual inspection:

- Check that all bolts and screw have been securely tightened.
- > Check that the frame moves freely and without problems from bottom to top position.
- Check that water hoses and drain hoses are tight and functional.

After each inspection, complete the service schedule.

7.4 Service schedule

Service and maintenance Serial No.	Service and maintenance Serial No.
Date:	Date:
Signature:	Signature:
Comments:	Comments:
Service and maintenance Serial No.	Service and maintenance Serial No.
Date:	Date:
Signature:	Signature:
Comments:	Comments:

8. Fault finding

The frame seems loose or unstable

- ➤ The assembly screws of the frame have not been securely tightened.
- > Retighten all screws of the frame according to the mounting instructions.

The washbasin cannot be adjusted in height / adjustment is very difficult

> Check that there are no jammed objects preventing adjustment.

It takes too long for the water to leave the washbasin

- > Check the siphon for clogging and clean it, if required.
- Check that the flexible hose on the wall has not been positioned so high that it acts as an extra siphon. Cf. recommendation section 6.

9. List of spare parts

Handle M6 Item No. 96000177 Applies to 40-44012/13 only	
Hand crank Item No. 20-60320-548 Applies to 40-44014/15 only	



Caution!

Only use original Ropox spare parts as replacement parts. If other parts are used, the warranty may be void.

10. Environmental protection

The product is not intended to be disposed as municipal waste. Proper disassembly, sorting and disposal of components must be done by waste disposal professionals.



Part	Disposal recommendation
Wash basin	Ceramic
Main unit	Steel
Mixer tap (accessories)	Steel
Cover (accessories)	Plastic

11. Complaints

See General Terms of Sale and Delivery on www.ropox.dk



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