

Autopsy Tables

Type: ST(V)-XXX

Instruction Manual

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Instruction Manual

1 Symbols in the Instruction Manual



Warning, Caution

Failure to follow these instructions can lead to personal injuries, property damages and, at worst, death.



Additional information

2 Place of Installation

Place the autopsy table directly on the floor and check the horizontal position with a water level. If the floor is not completely even, place small metal strips under the table. Please pay attention that the autopsy table is aligned evenly lengthwise and in cross direction and that the base seats solidly.

Open the service access panels on the base of the table. In the bottom plate are 4 holes diameter 16 mm for the heavy-duty dowels. Drill 4 holes (diameter 12mm) at least 150mm deep into the floor for fixing of the table using the enclosed heavy-duty dowels 12 x 125mm or 12 x 160mm (depending on ground condition). Tighten the 4 dowels equally and check again the position of the table with a water level.

Connect the hot and cold water connections with the tap using the provided flexible hoses. Please note that the hot water connection has to be on the left side of the tap, the cold water connection on the right side.

Now connect the flexible waste water hose DN 50 with the outlet of the table. Plug the other end of the hose into the connection provided by the customer. If necessary use a tube section with high temperature stability or an extension piece (according to construction of outlet provided by the customer). Before plugging the waste water hose into the customer's connection, make a loop out of the hose serving as a syphon for the table. Use both of the wire grips to fix the waste water hose.

Now pinch the power cable against the branch box of the table. Pinch the ground wire against the base plate using screw M8. The autopsy table is already pre-installed so that you only have to pinch against the current entry. Please note that these operations should **only be carried out by an authorized electrician**.

When finished all installation work test all connections for leaks as well as for successful operation. Mainly pay attention that no hose or cable is penned in when the table is moved down- or upwards.

Afterwards check the tap for successful operation. It is opened from the right to the left side; in the right position only runs cold water, in the middle mixed hot and cold water and in the left position only hot water.

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Finally check the proper run-off of the waste water. Block the drain with the provided standpipe and fill the whole sink with hot water. Now take off the standpipe and check if the water runs off successfully.

Test again all waste water connections for leaks. Subsequently the table is ready for use.

3 General Operation

3.1 Height Adjustment (only ST 10/100, /150, STV 10/100 and /850)



Height adjustment of the autopsy table can be managed with the help of the buttons up/down. The table is continuously adjustable from 750 to 1000mm (only the models ST 10/100 and ST 10/150). When reaching highest/lowest position, the lifting mechanics stop automatically. The lifting mechanics (electro mechanic drive) are absolutely maintenance-free. Height adjustment of the table only serves for optimizing the user's working height. Other applications of the table e.g. as lifting device for other burdens is not permissible. In case of breach the operating license as well as any warranty claims expire.

3.1.1 Errors

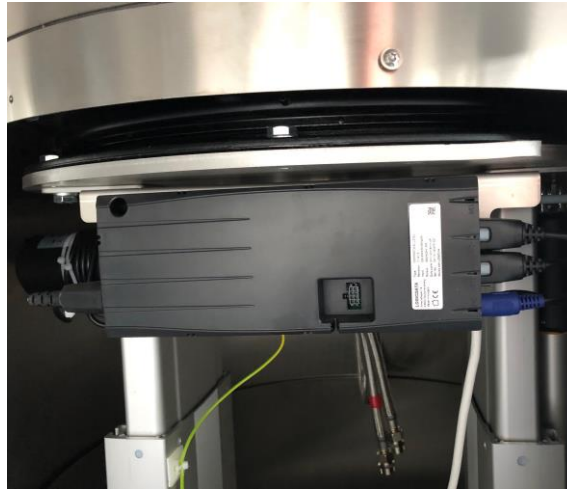
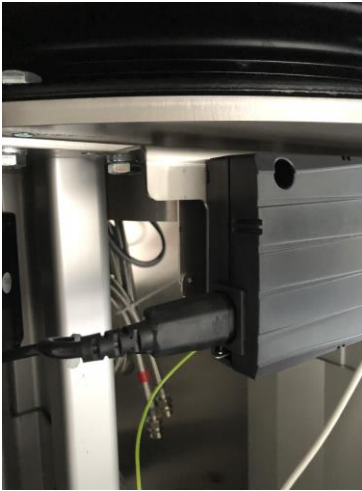
First check if there is 230 Volt voltage in case of non-function of the height-adjustment, Then, check if all plugs are plugged in correctly and carry out a reference drive.

3.1.2 Reference Drive

Always reset the lifting system to zero before using for the first time:

Hold down-button in for 10-30 sec. until lifting column(s) are down at the bottom. Release down-button for 1 sec., then hold down-button in again for 10 sec. until a click is heard. Daily operation of the lifting column(s) max. 2 minutes at a time per 15 minutes.

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3.2 Roll-In Function

At the small side of the table you may slide in a body tray. The table closes automatically with a cover.

3.3 Table Rotation (only ST 10/100, /200 and STV 10/100)



Turn the lever hold to the right to open the valve. Turn the lever hold to the left to lock the valve. Each side can be rotated by 90°.

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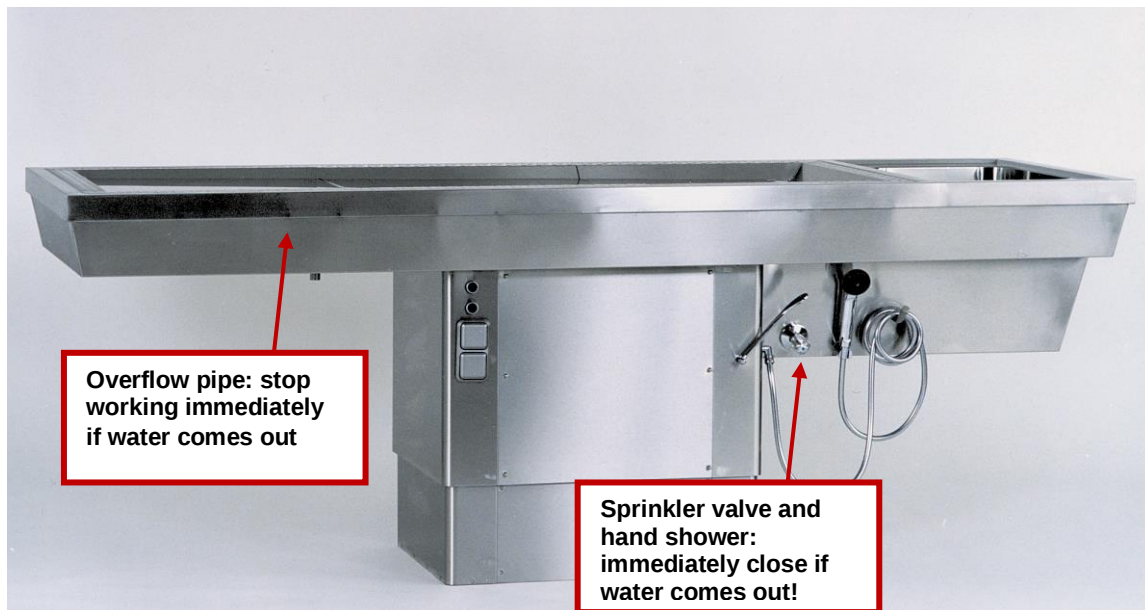
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3.4 Safety Devices

In the tub below the perforated metal sheets, there is a small overflow pipe. This overflow pipe serves as safety device for the ventilation system. If the tub drain is clogged, the water inside the tub will rise to this overflow pipe and then flow to the floor. This prevents water from entering the exhaust system.



If water start to flow on the floor, immediately close the sprinkler system and hand shower! Clean the drain and the tub or check why the water level is rising in the tub



4 Maintenance

The autopsy table is absolutely maintenance-free. Maintenance is limited to following points

- Regular cleaning of complete table
- Regular cleaning of drain pipes
- Regular testing of shower hose and hand shower for leaks
- Regular checking of tap for operation
- Regular testing of all connections for leaks

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5 Spare Parts

Description	Article No
Shockproof Socket German (available in other country versions)	060.011.022
Switch for Autopsy Table	010.010.006
Shower hose 3 m	010.010.015
Hand spray, curved type, 1/2"	010.010.013
Knee-operated mixing tap for cold and warm water	010.010.007

6 General Maintenance Tips for Stainless Steel Surfaces

The best thing about stainless steel is that it barely requires maintenance and soiling can be removed easily.

6.1 Initial Cleaning / Cleaning / Preventive Measures

After installing the stainless steel devices and/or furniture, an initial cleaning is to be performed to remove any soiling caused by storage, transport or installation works.

Protective films, paper packaging or residues of adhesives are to be removed completely after having installed the devices or furniture otherwise they might lead to corrosion. For cleaning you may only use suitable cleaning agents (see below). Normally, the corresponding cleaning agent is being distributed evenly on the surface with a microfiber cloth. Tough soiling is to be treated with a soft synthetic fleece, e.g.

Then remove cleaning agent stains with clear water and dry the surfaces with soft cloths.

Poorly soluble residues or small scratches can be removed with a suitable non-woven abrasive.

6.2 Cleaning Agents / Cleaning Instruments

Cleaning agents and instruments are to be used in accordance with the instructions of the respective producer.

6.2.1 Stainless Steel Polish / Stainless Steel Cleaner

Stainless steel polish – special cleaning product and protective agent for stainless steel. 400ml spray can.

Article No. 060.010.001

Shake spray can before use. Spray from approx. 25 cm distance and let it sink in for a few minutes. Then remove with a clean, dry cloth. You may sterilize and disinfect the surface if necessary afterwards.

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6.2.2 Suitable Cleaning Agents

Basically, alkaline cleaning agents are to be used on stainless steel parts only.

Never use cleaning agents that contain hydrochloric acids or bleach. They might lead to discolorations.

6.2.3 Descaling Agents

Only use off-the shelf descaling agents for stainless steel.

6.2.4 Brushes / Non-Woven abrasives

Brushes made of natural or plastic bristles

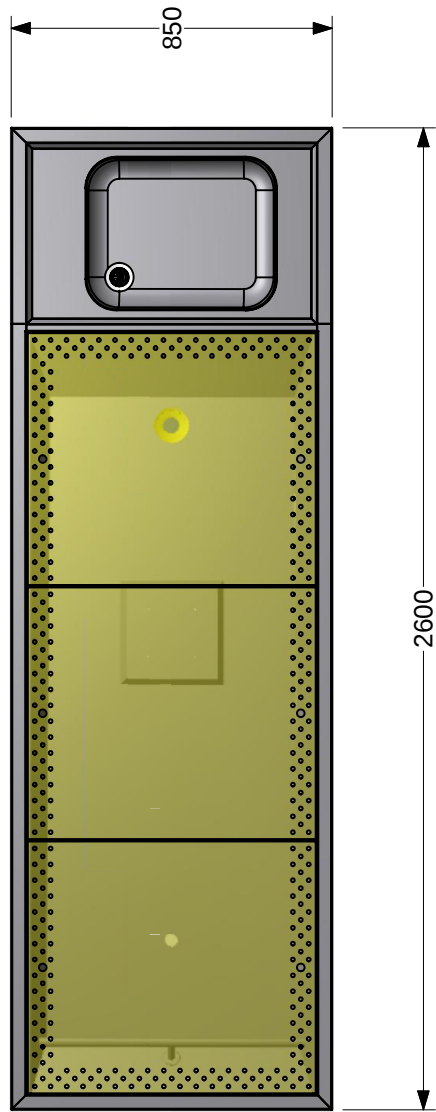
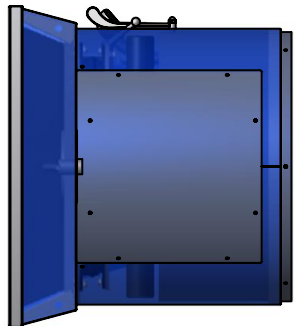
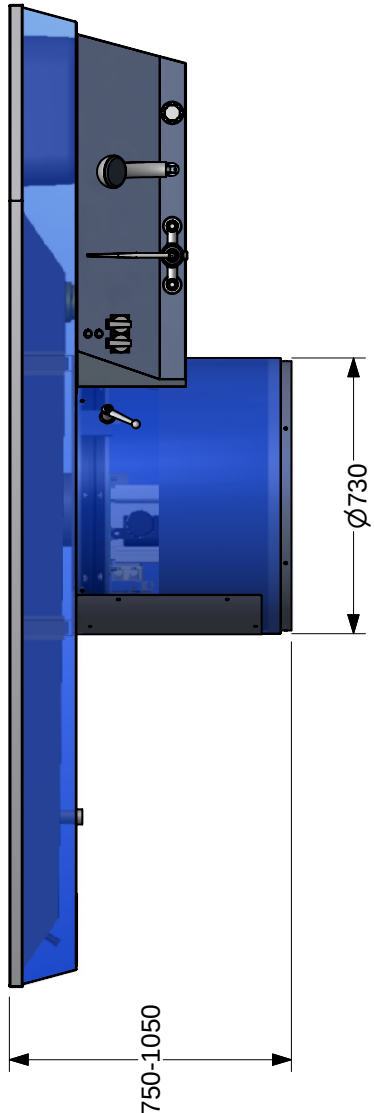
Article	Article No.	Grain Size	Dimension L/W
Nylon non-woven abrasive (fine grain)	060.010.002	P 1000	200 x 115mm
Nylon non-woven abrasive (coarse grain)	060.010.003	P 280	200 x 115mm

Cleaning instructions for non-woven abrasives are to be observed provided that it is a ground surface. Always clean towards the grinding pattern, never across.

6.2.5 Textiles

Textiles made of natural or chemical fibers. Particularly microfibers are suitable to remove patches or fingerprints from stainless steel surfaces.

Article	Article No	Material	Dimension L/W
Microfiber cloth	060.010.005	80% Polyester 20% Polyamides	400 x 400 mm

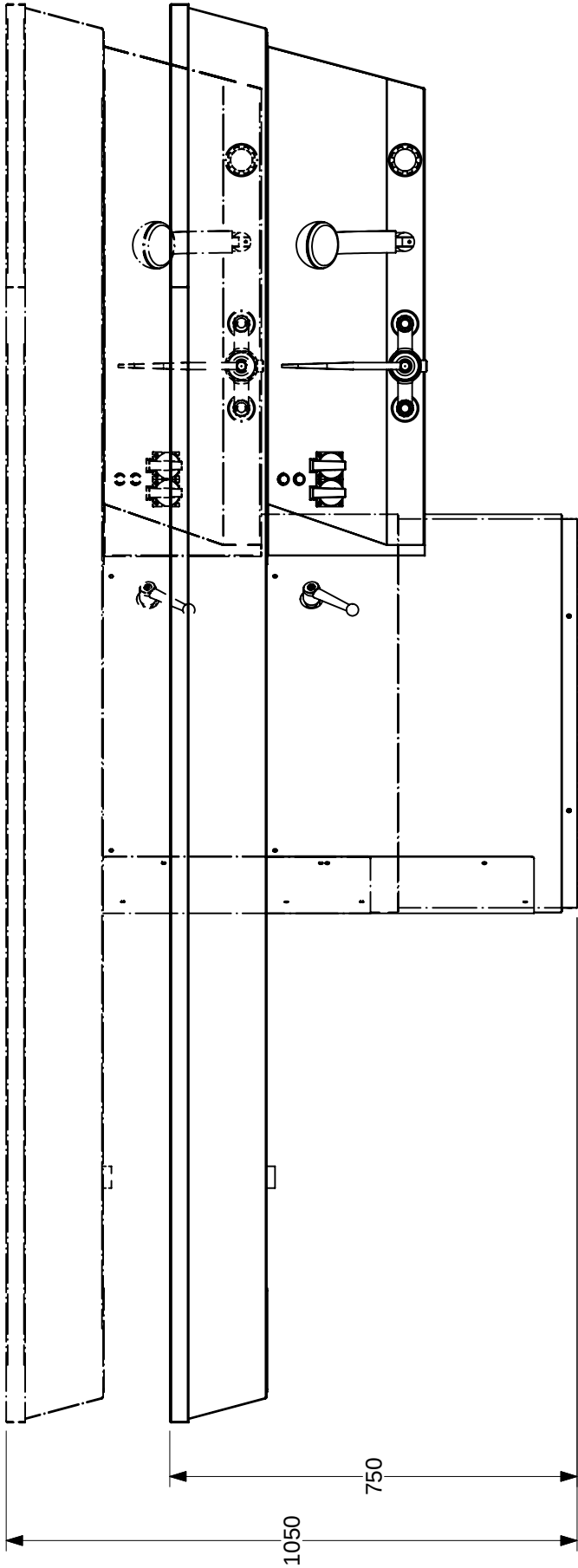


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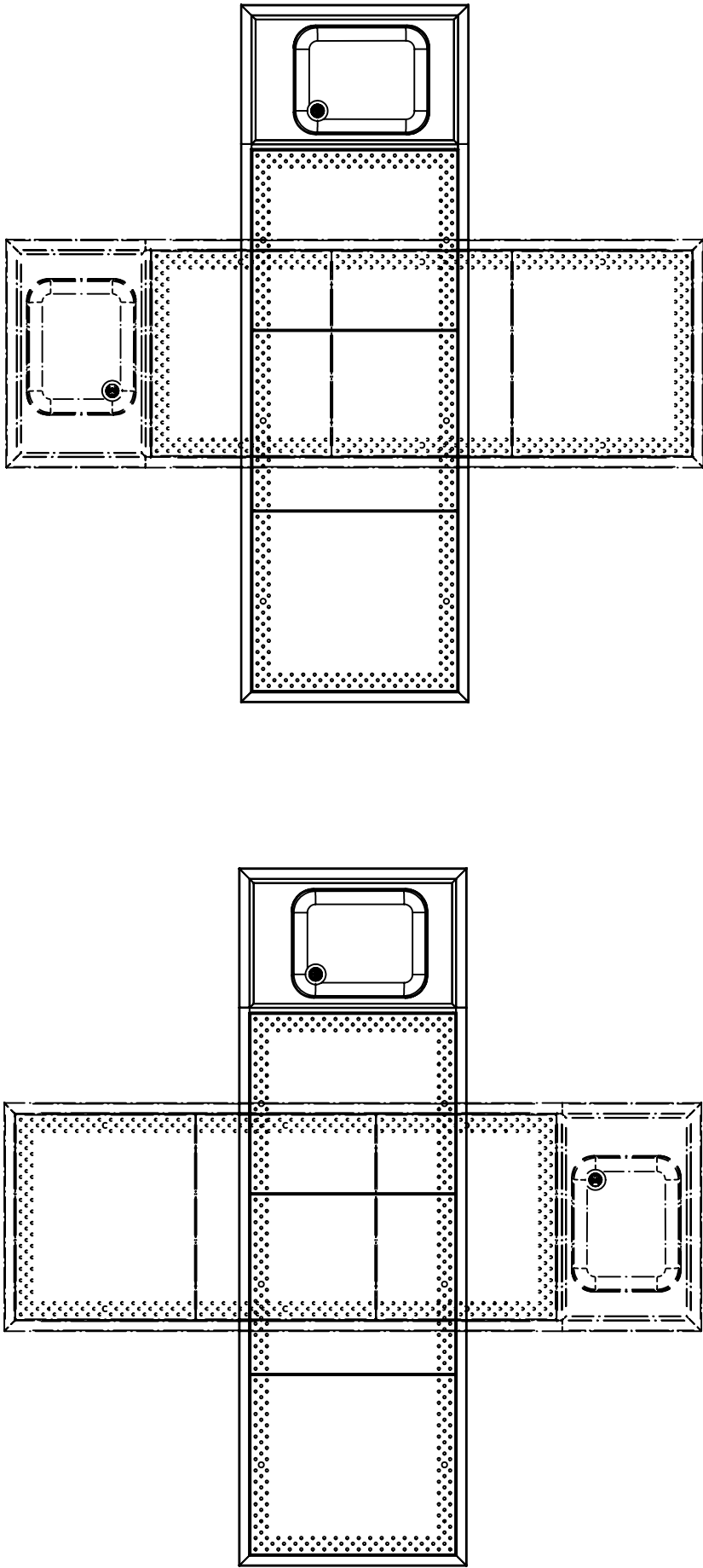
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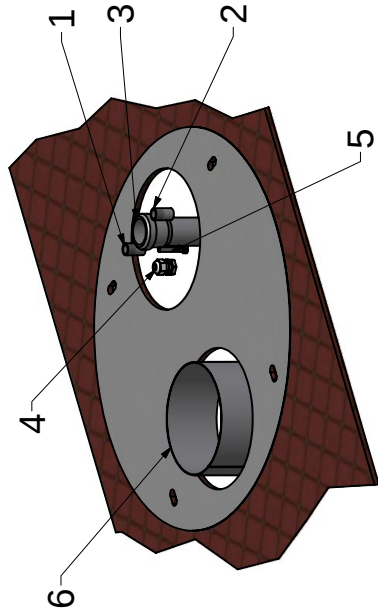
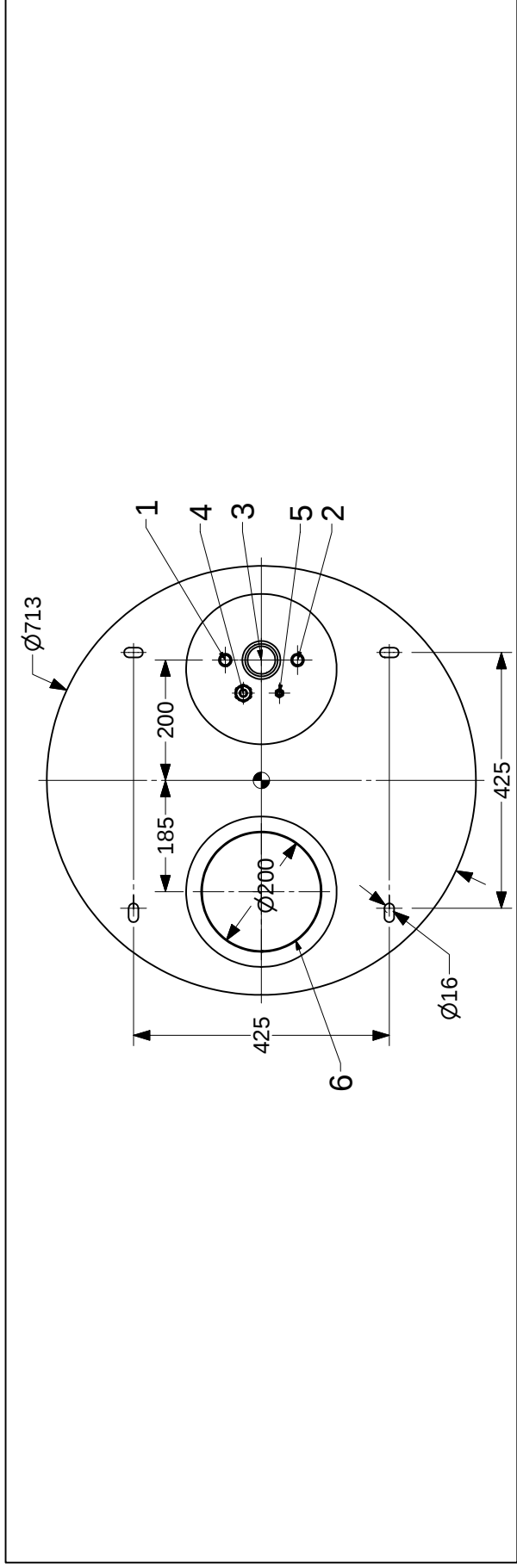
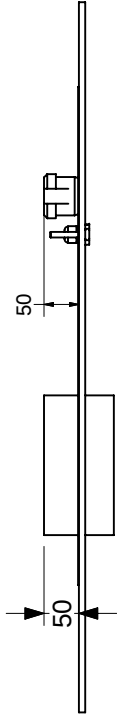
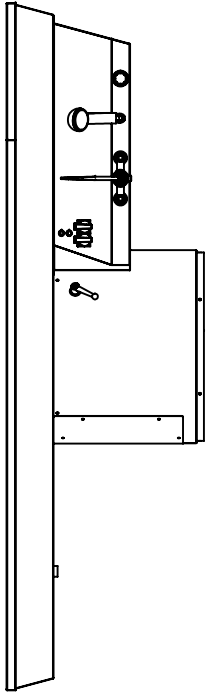
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Drehung + / - 90°



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Pre-installation requirement

- 1 Hot water 1/2" - approx. 50mm above the floor
- 2 Cold water 1/2" - approx. 50mm above the floor
- 3 Waste water 2" - approx. 50mm above the floor
- 4 Power supply 230V 50Hz / 1PH / 16 Amp
- 5 Potential equalization min. 6qmm
- 6 exhaust duct Ø 200mm - 50 mm above the floor



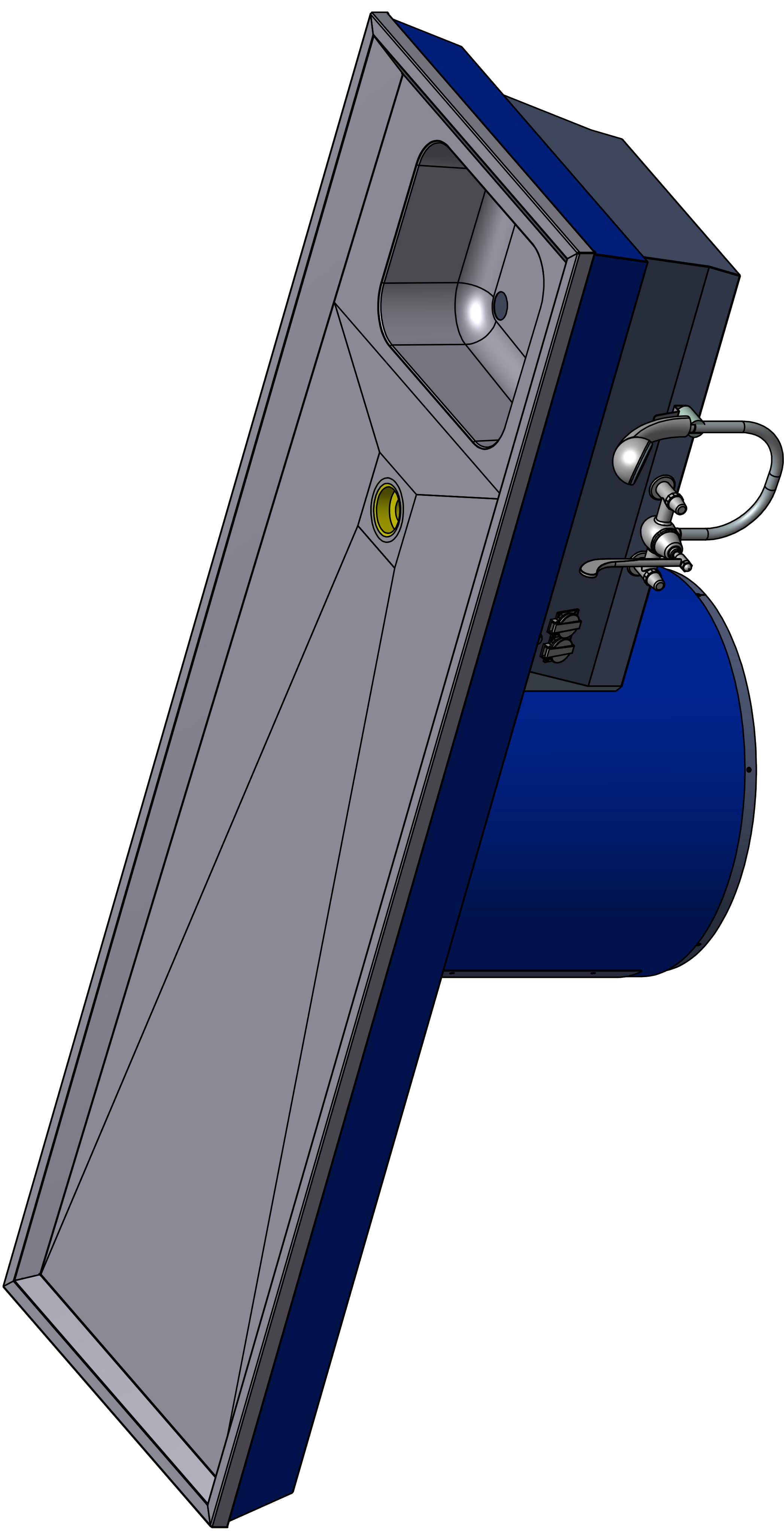
Please note:
The vacuum breaker has to be done locally
at the building according the DIN 1988/4

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Autopsy table ST 10/100 - ST 10/300

Pre-Installation requirements



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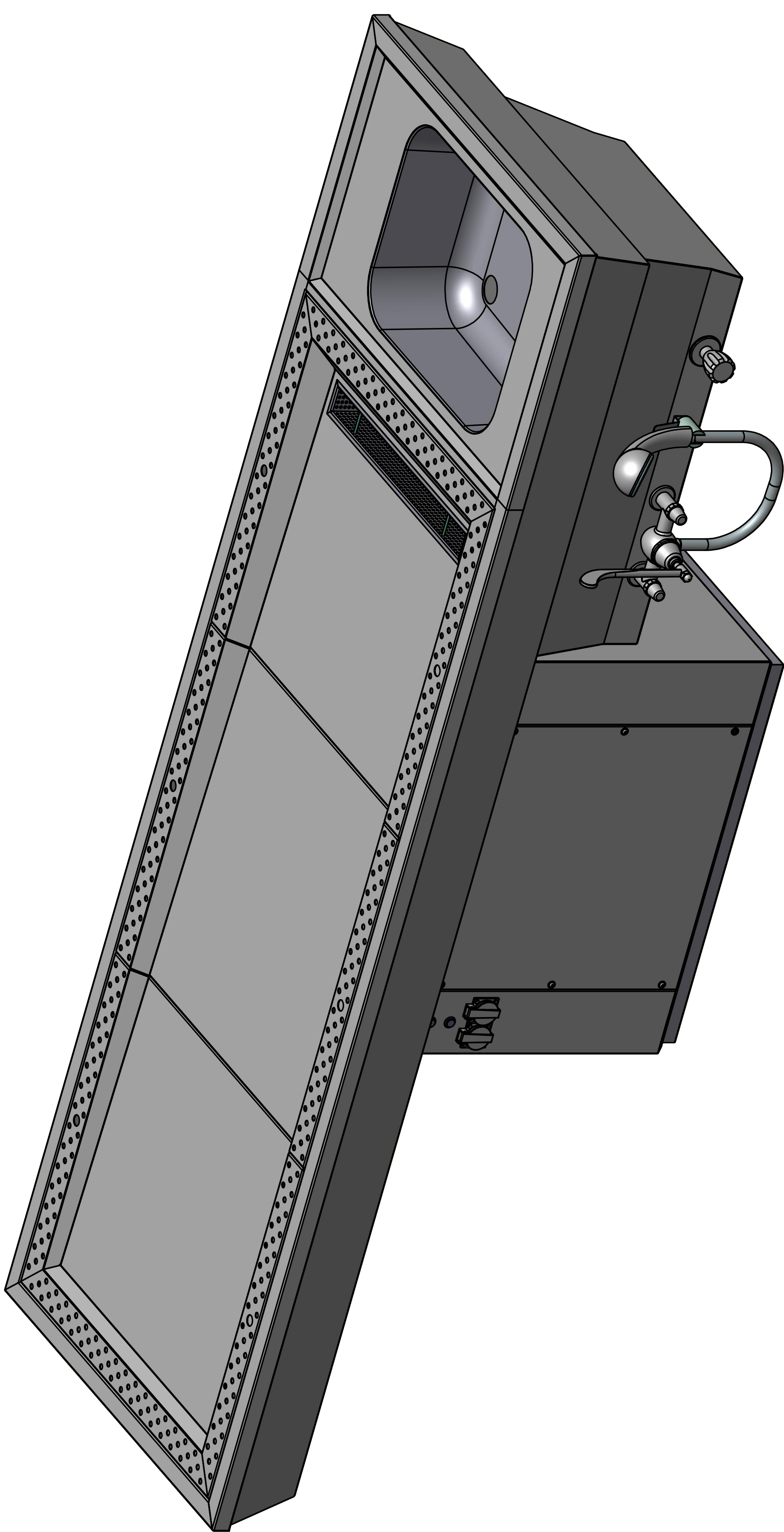
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Autopsy table STV 10/800 - STV 10/850

Pre-Installation requirements

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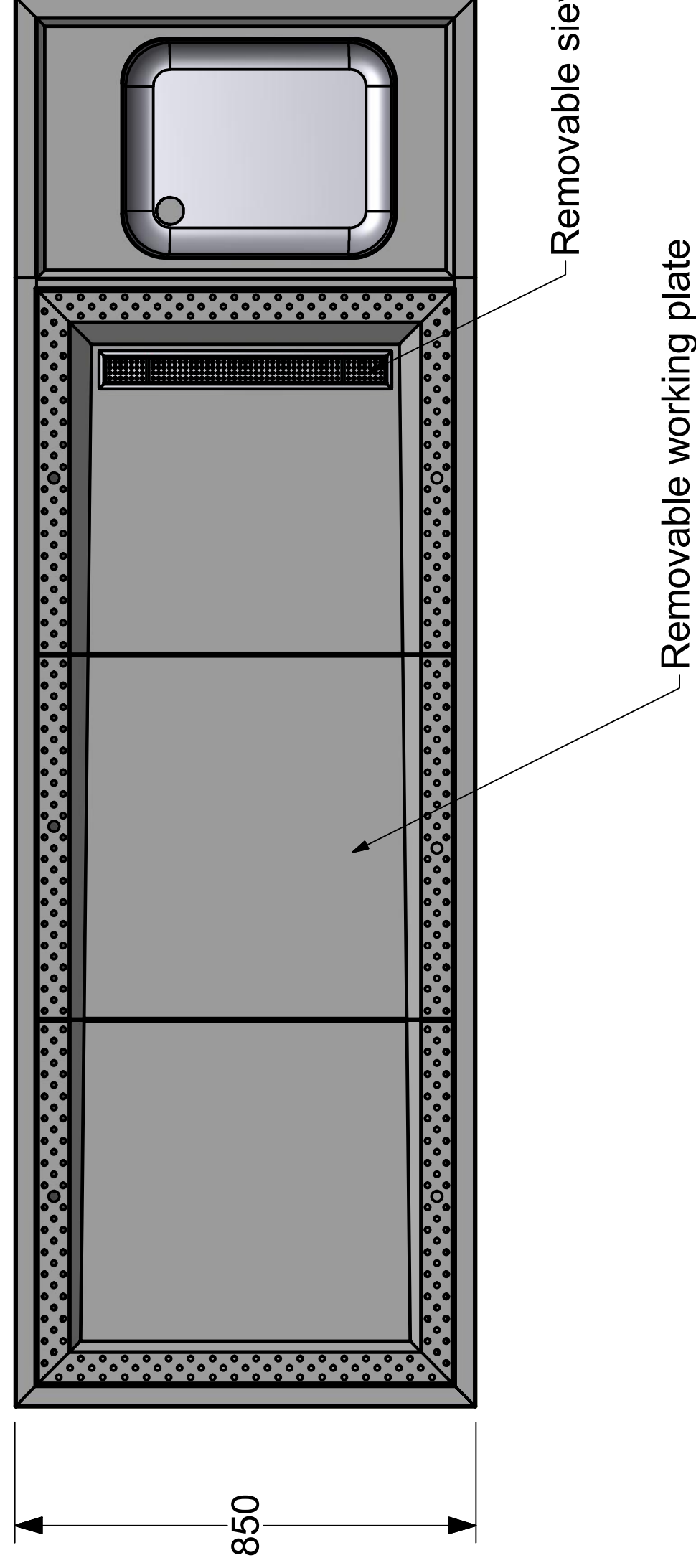
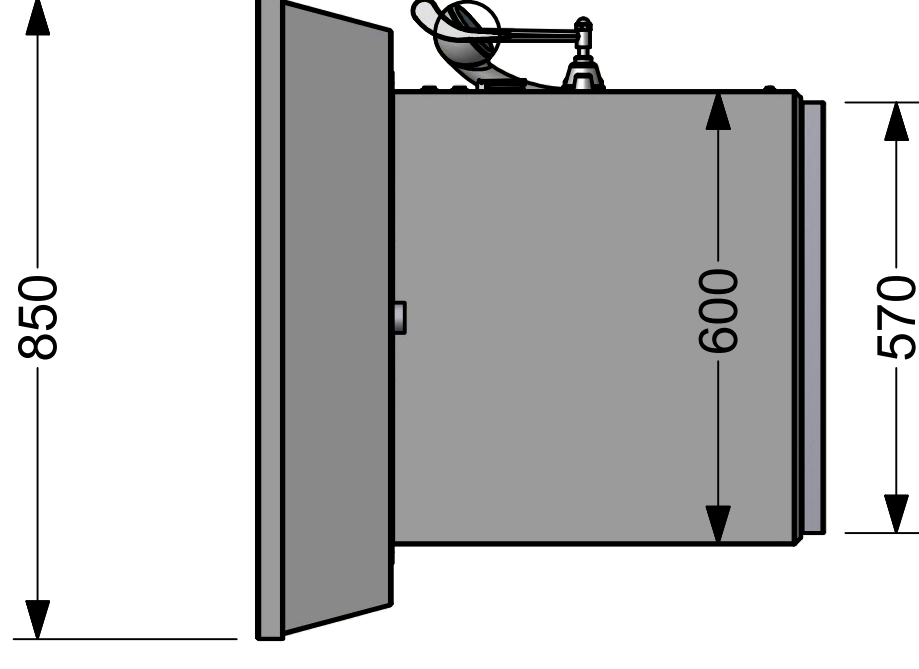
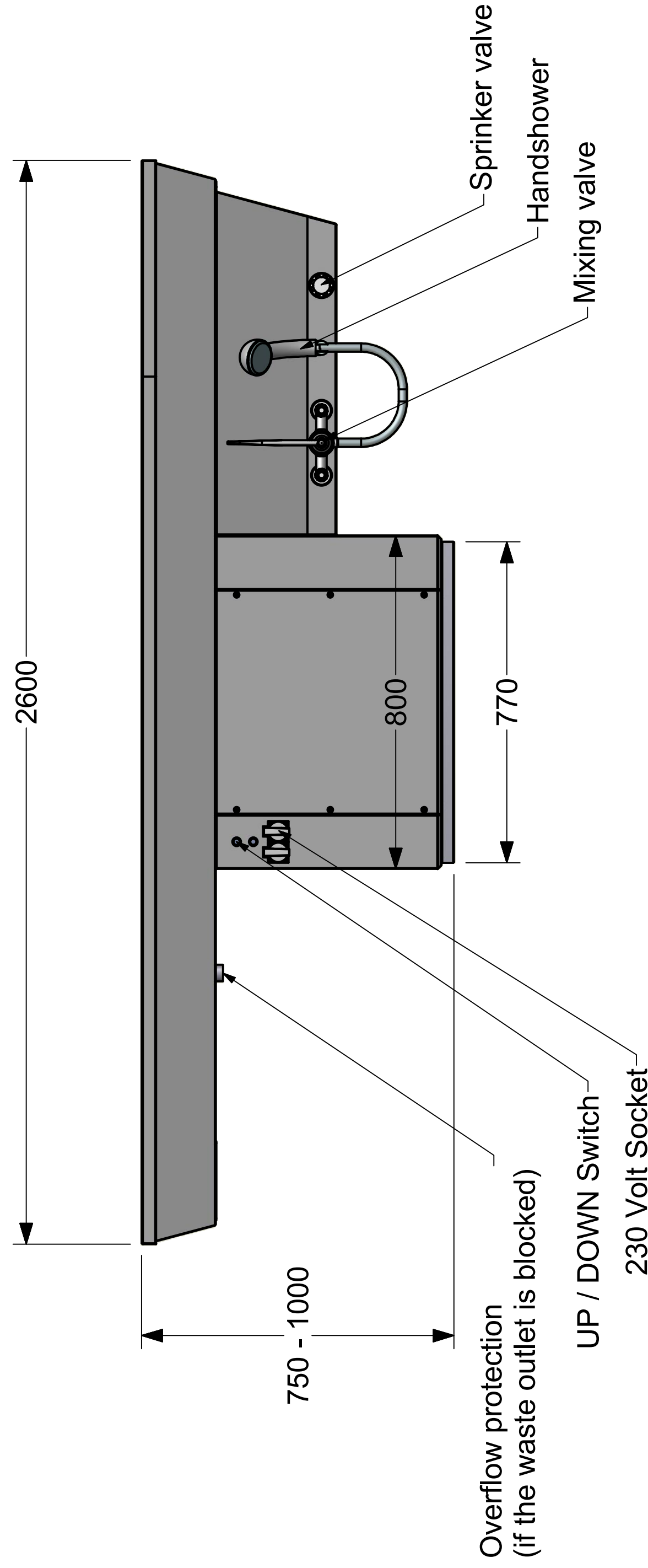
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Valid for all Modell as of 2007

Valid for models:
STV 10/800
STV 10/850
STV 10/850-Roll-In

Pre-Installation Requirements	1
STV 10-850	A2

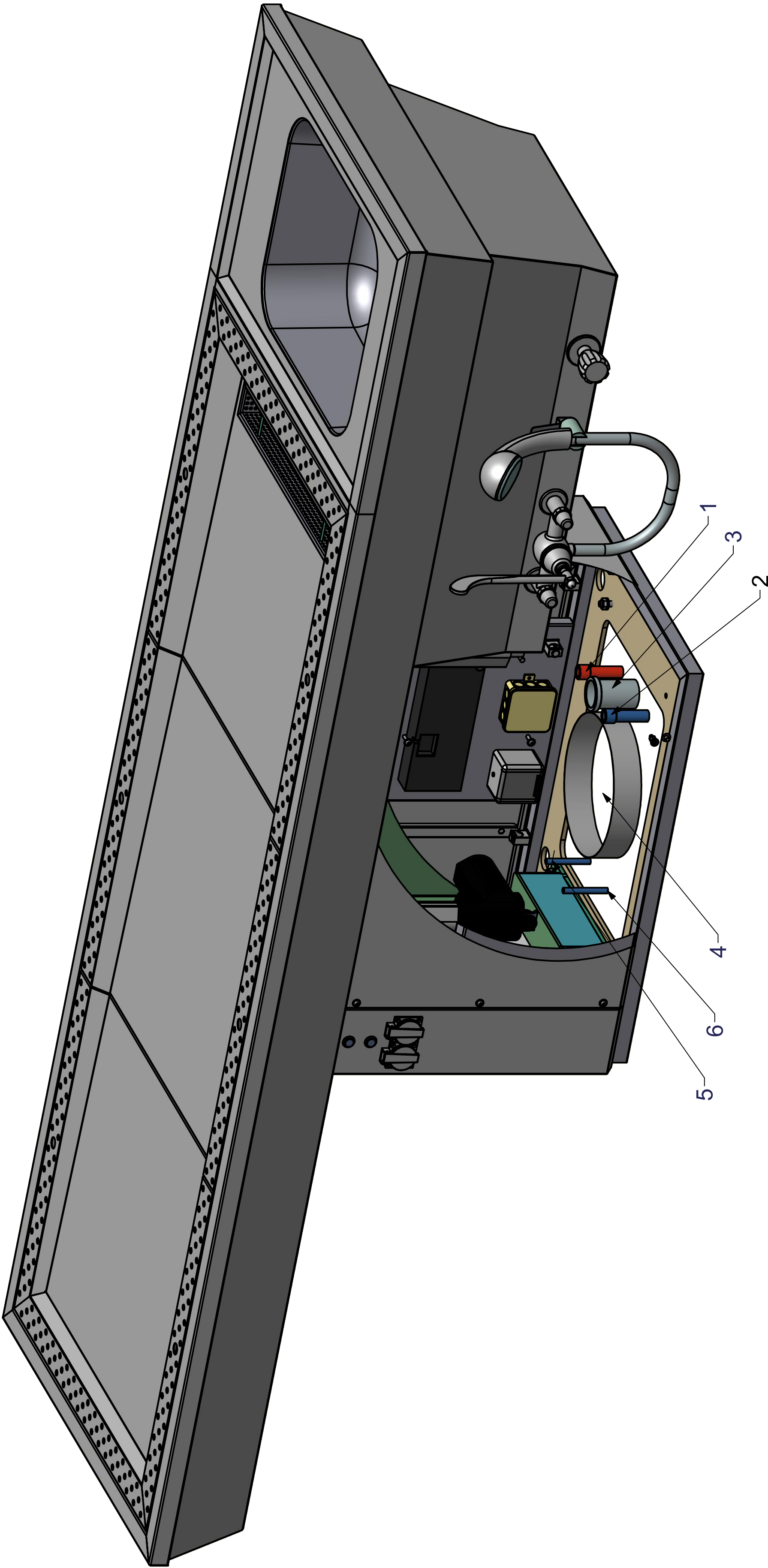


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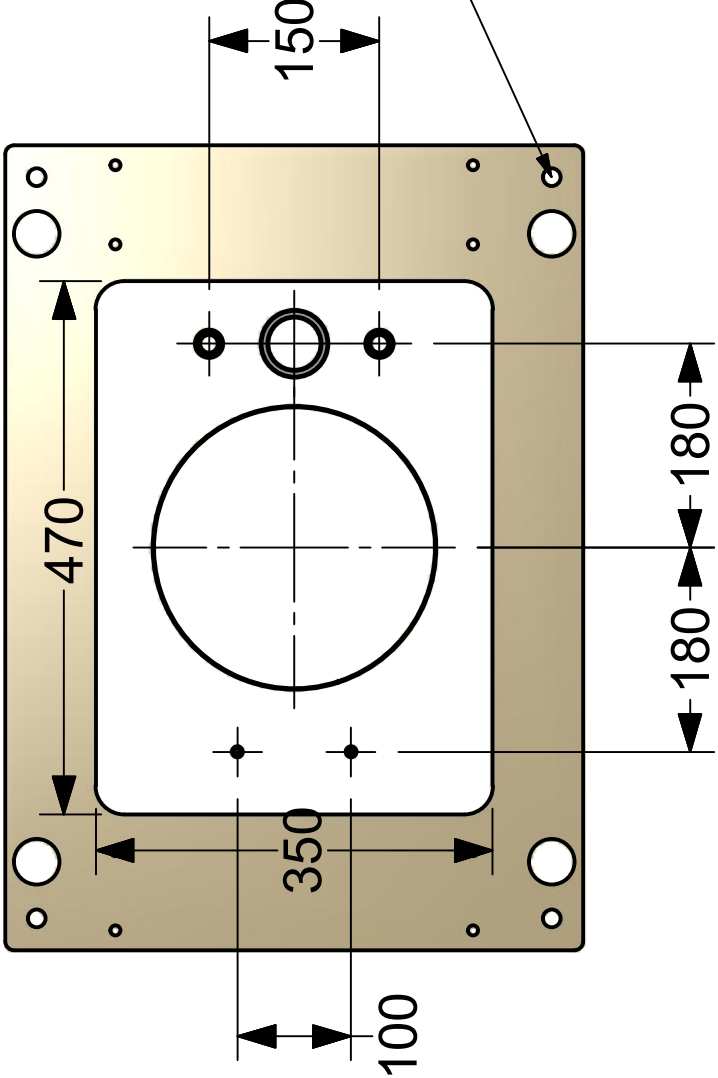
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Pre-Installation

- 1 - Hot water 1/2" - approx 50 mm above the floor
- 2 - Cold water 1/2" - approx 50 mm above the floor
- 3 - Waste water 2" - approx 50 mm above the floor
- 4 - Exhaust connection DN 250 - approx 50 mm above the floor (approx. 1000 m³/h)
- 5 - Power supply 230V / 50 Hz / 1 PH / 16 AMP
- 6 - Potential equalization min. 6 mm²

All installations has to be installed in the area of **470 x 350 mm**



PLEASE NOTE

The vacuum breaker has to be done locally in the building according to DIN 1988/4 or EN 1717

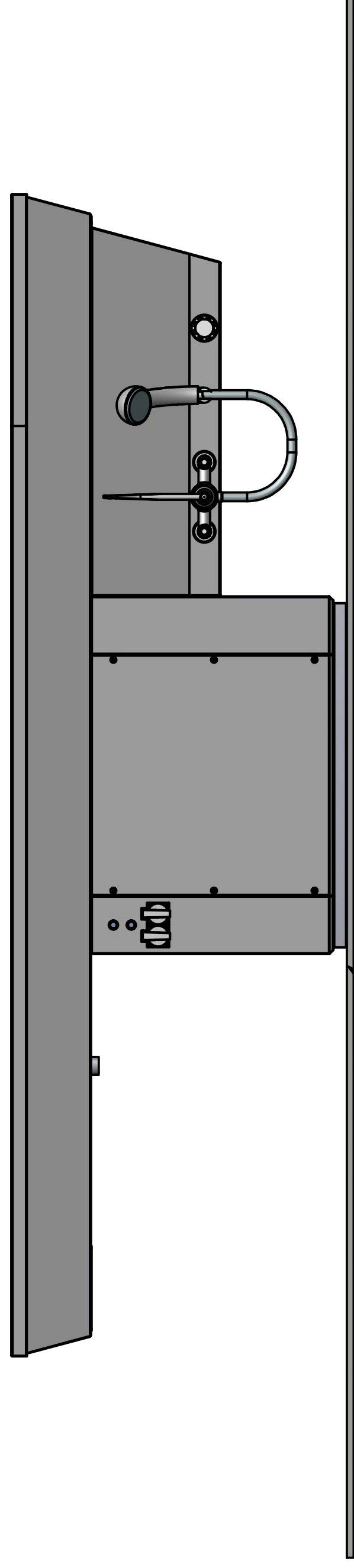
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DECLARATION OF CONFORMITY

We KUGEL medical GmbH & Co. KG
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explain in own responsibility, that the product:

Kind of equipment:	Autopsy tables
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Type:	ST 10/100, ST 10/150, ST 10/200, ST 10/300, ST 10/350, ST 10/400, ST 10/500, STV 10/100, STV 10/150, STV 10/300, STV 10/800, STV 10/850, AST 10/700, AST 10/700-H
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is in compliance with following standard specifications or documents

Technical regulations:	2006/42/EG, DIN EN 954, EN 60 204-1, DIN EN 349, VDE 0100
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Regensburg, 02.05.2018

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