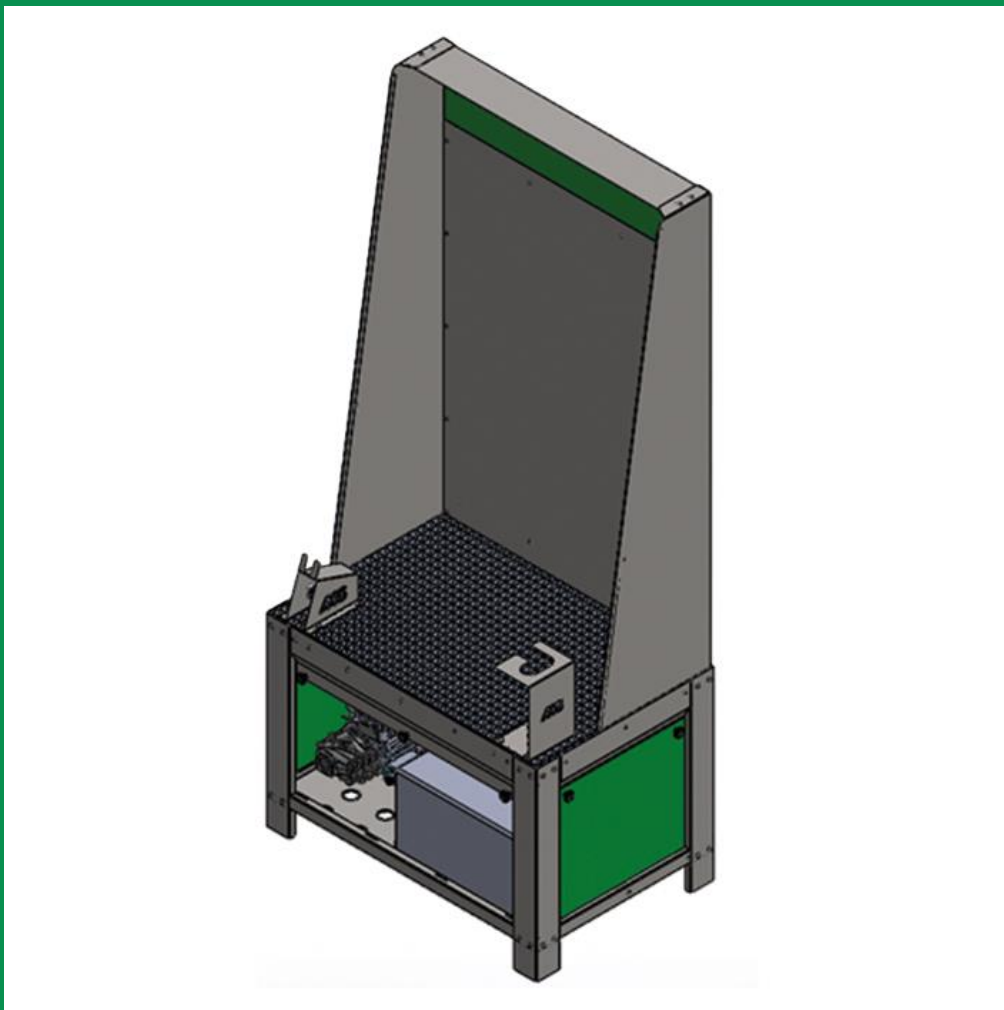


MS Foam wall, standing model



NL klantenservice
BE Klantenservice/Service Clientèle
DE Kundenservice
DK Kundeservice
IT Servizio clienti
ES Servicio al cliente
UK Customer Service
CA Customer Service
FR Service Clientèle
EX Customer Service Export

+31 (0)497 339 787
+32 (0)14-820713
+49 (0)2833-923630
+45 89884187
035-4490369
+34 931816433
+44 (0)01733592049
+1 866 995-7771
+33 (0)2 99 61 40 40
+31 (0)497 700 278

Content

- Connect drain..... 4
- Upper part transport and trade fair position. 5
- Attach supports to grid (optional) 8
- Connect high-pressure set for pump 9
- Installing the pump..... 11
- Operate..... 15
- Preparing the Demo foam wall for transport..... 17

© Copyright 2023

No part of this publication may be reproduced and/or made public by means of print, photocopy, microfilm, audio tape, electronically or in any other way without the prior written permission of Schippers Europe b.v.

Introduction

The foam wall was made to demonstrate the power of Topfoam live to customers at trade fairs.

Before the foam wall can be used, it must first be installed correctly. It is very important that this instruction is followed to ensure that the foam wall works properly. The frame consists of a durable, stainless steel blasted housing with Dibond panels mounted in it.

When unpacking the foam wall, do not throw anything away because everything can be reused

Connect drain

During the installation of the foam wall, it is important that the drain is properly connected. A drain hose with hose clamp is included. Mount the drain hose on the hose tail and screw the hose clamp onto it. Place the drain hose (if applicable) in the sewer/drain. Make sure this is properly closed so that no foam will come back from the sewer.

For your information:

The hose nozzle mounted on this has a diameter of 25mm. So always make sure that the inner diameter of the hose is also 25mm.

Example: Order article VD 25 from supplier AIM Fluid control (this is the hose).

Always install with a hose clamp! (SSB 34 ES at AIM Fluid control).

Check whether the ball valve is open (and closed again during transport).

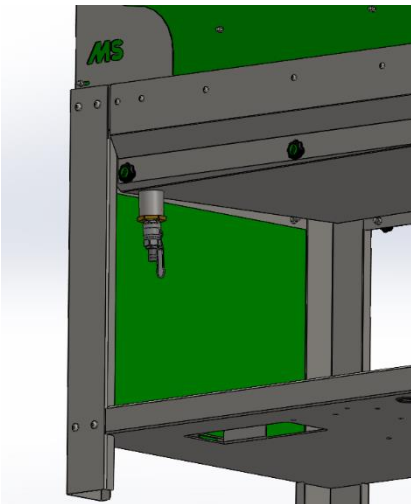


Figure 1: ball valve position

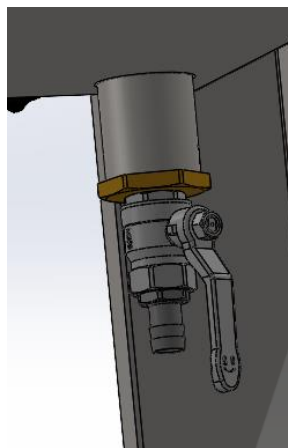


figure 2: ball valve open.

Upper part transport and trade fair position.

The upper part can be mounted in two positions. Changing positions should be done with at least two people.

The main dimensions in both positions can be found in the sketches below.

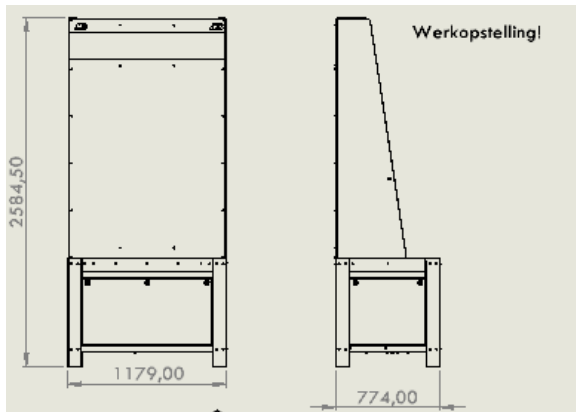


Figure 3: main dimensions in work/exhibition position figure

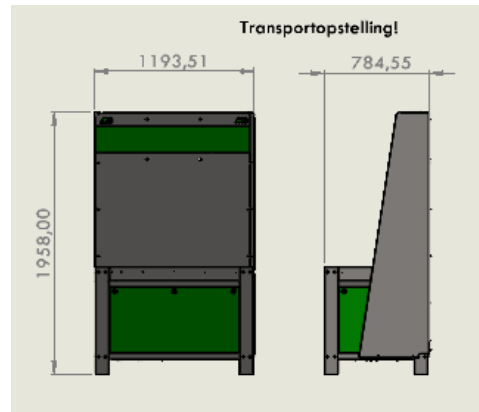
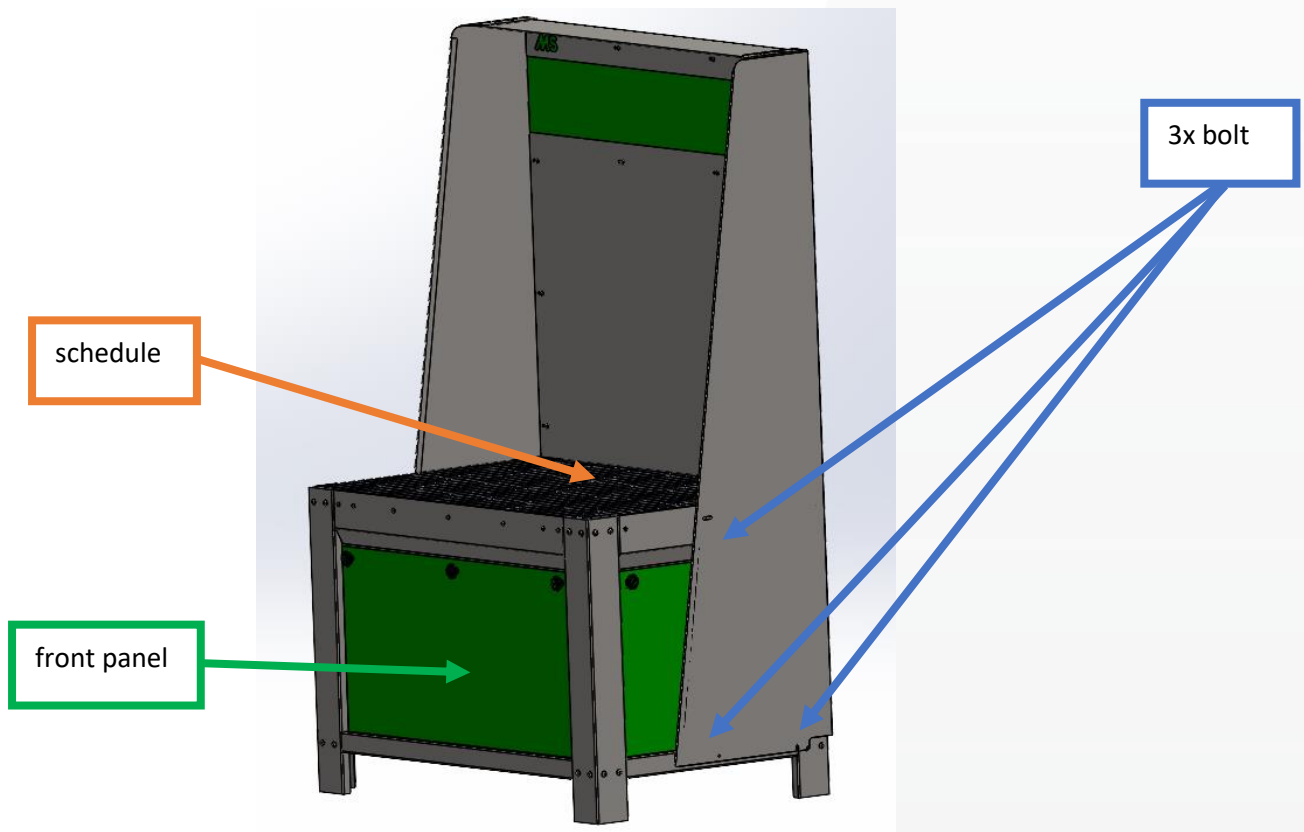


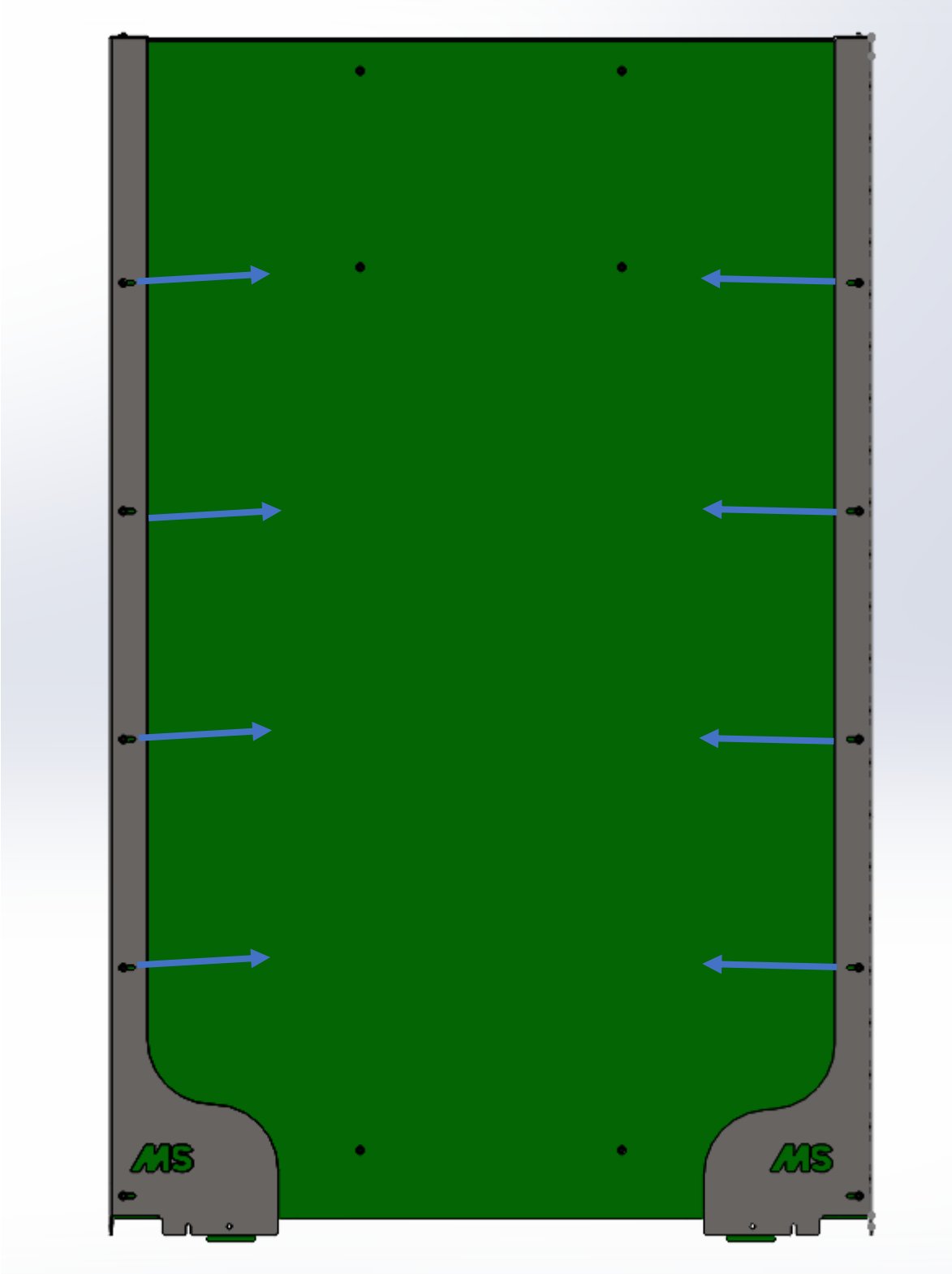
figure 4: main dimensions in transport position.

The system will be delivered in transport position.

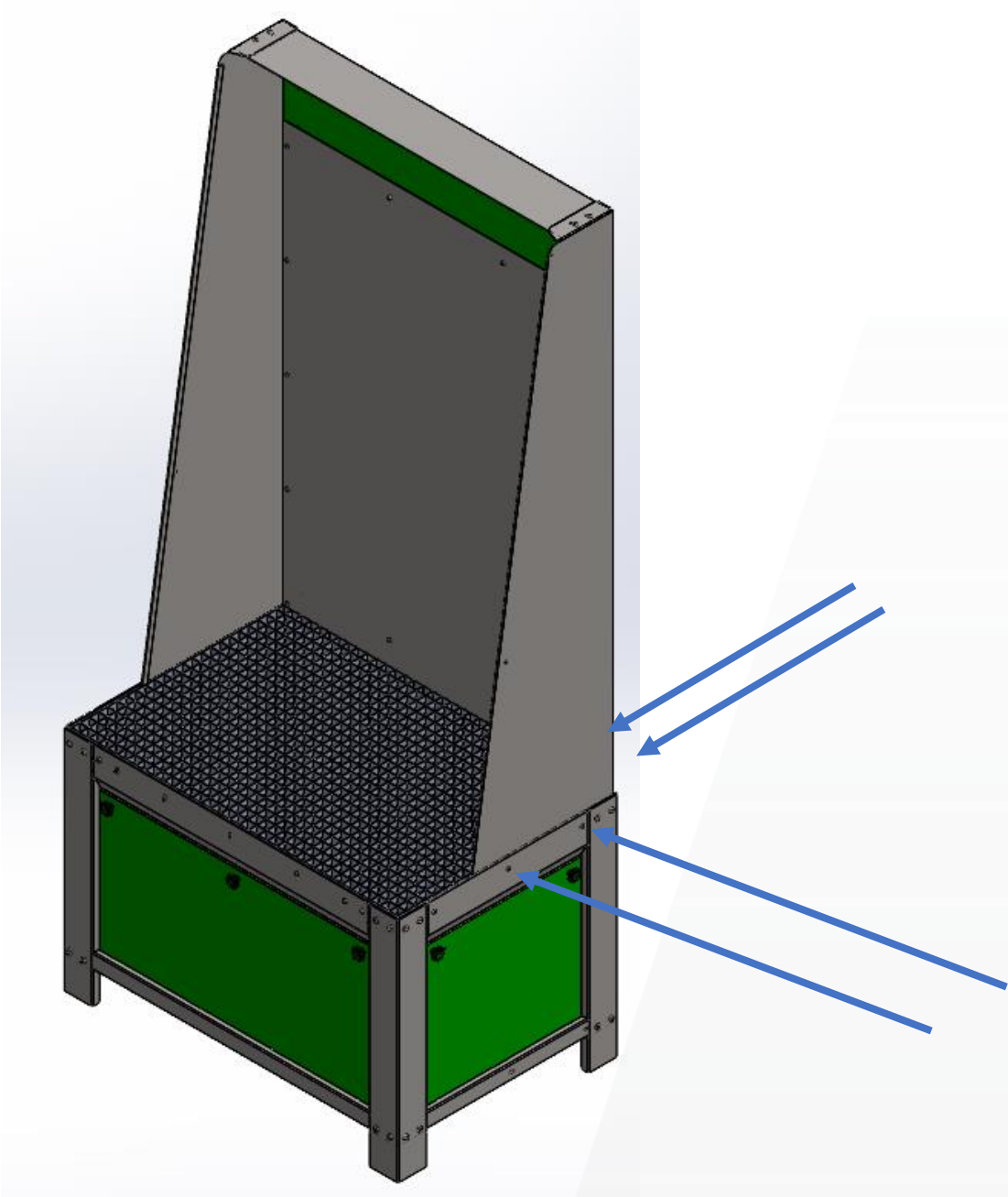
First of all, three bolts must be loosened on both sides. This requires key 10 and a set of Allen keys. To access the bolts properly, remove the grille and the front panel.



Slide the two walls to the position that makes the wall as narrow as possible. See blue arrows in the image below. Then tighten the bolts indicated by the blue arrows.



Place the upper part IN the lower unit. There are 4 bolts per side to connect the bottom and top unit together. See blue arrows for the mounting points on one side. After the bolts have been tightened, place the grille into the setup.

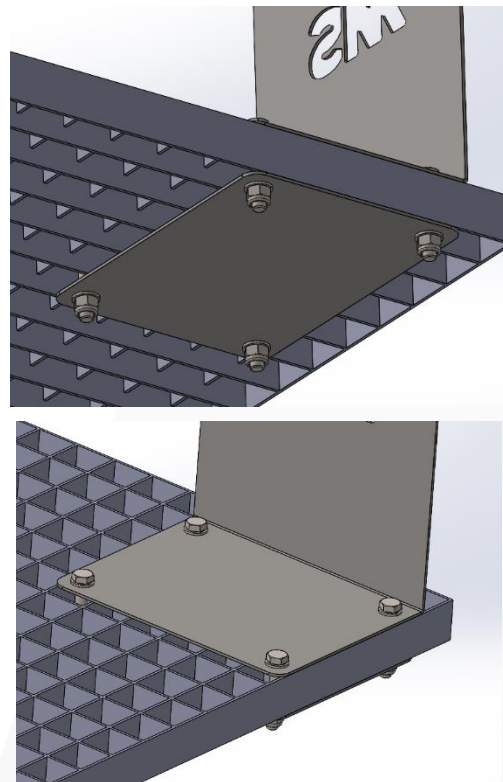
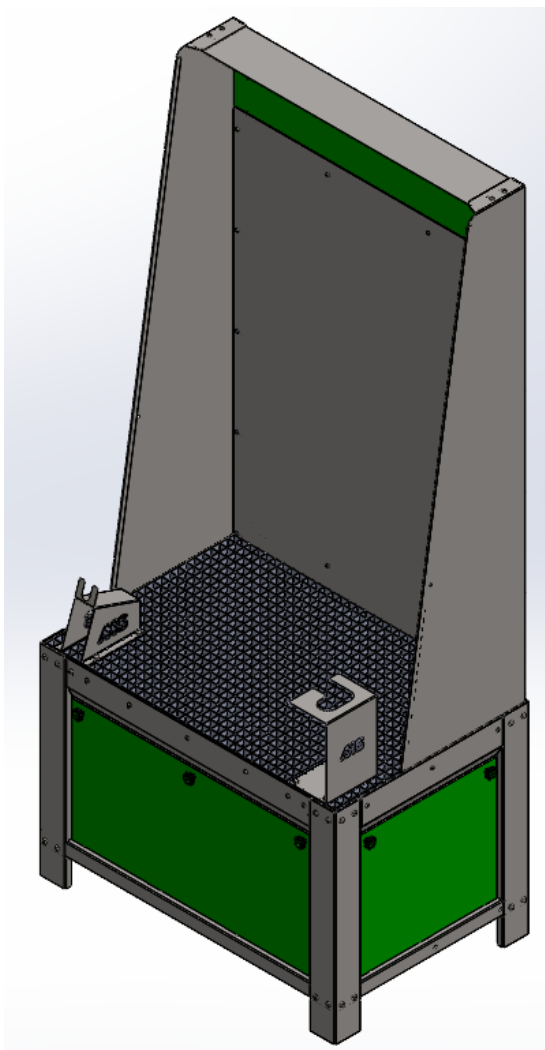


Attach supports to grid (optional)

Supports have been made for the foam lance/pot, to attach these the following steps must be followed.

Take the grid aside and grab the support(s) you have. Remove all bolts from the supports and ensure that the bottom plate is removed from the support. Place the support(s) in the desired position.

Hold the bottom plate against the bottom of the grille and clamp the support(s) against the grille. Tighten all bolts, the bracket(s) are now attached.

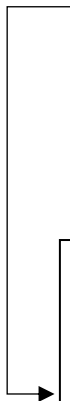
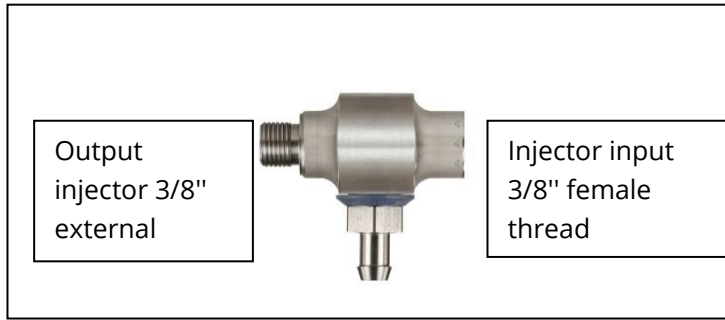


Connect high-pressure set for pump

A set for the high-pressure side is included with the SKID. This consists of the following parts.

Chemical injector ST-160 3/8"M-F1.3	0801701	1
Coupling Kärcher M22, 3/8" male thread	0807149	1
Adapter Kärcher M22, 3/8" female thread	0807159	2
High-pressure hose 3/8" black, 3 m	8804925	1
High pressure gun ST-2300, KEW + Swivel	0809661	1
Coupling plug 1/4M QC	0801702	1
Nozzle ST-75 05 (1,35)	0801703	1
Foam nozzle ST-75-1,6 1/4F black	0801704	1
Suction hose blue 0.8 m for Greenline	8804985	1
Hose clamp stainless steel 12-22 mm (1/2"), 9 mm	0809917	2
Short suction lance for foam Skid	ALG-200-8134	1

Below is a schematic of how to connect this set. Fit with Teflon!

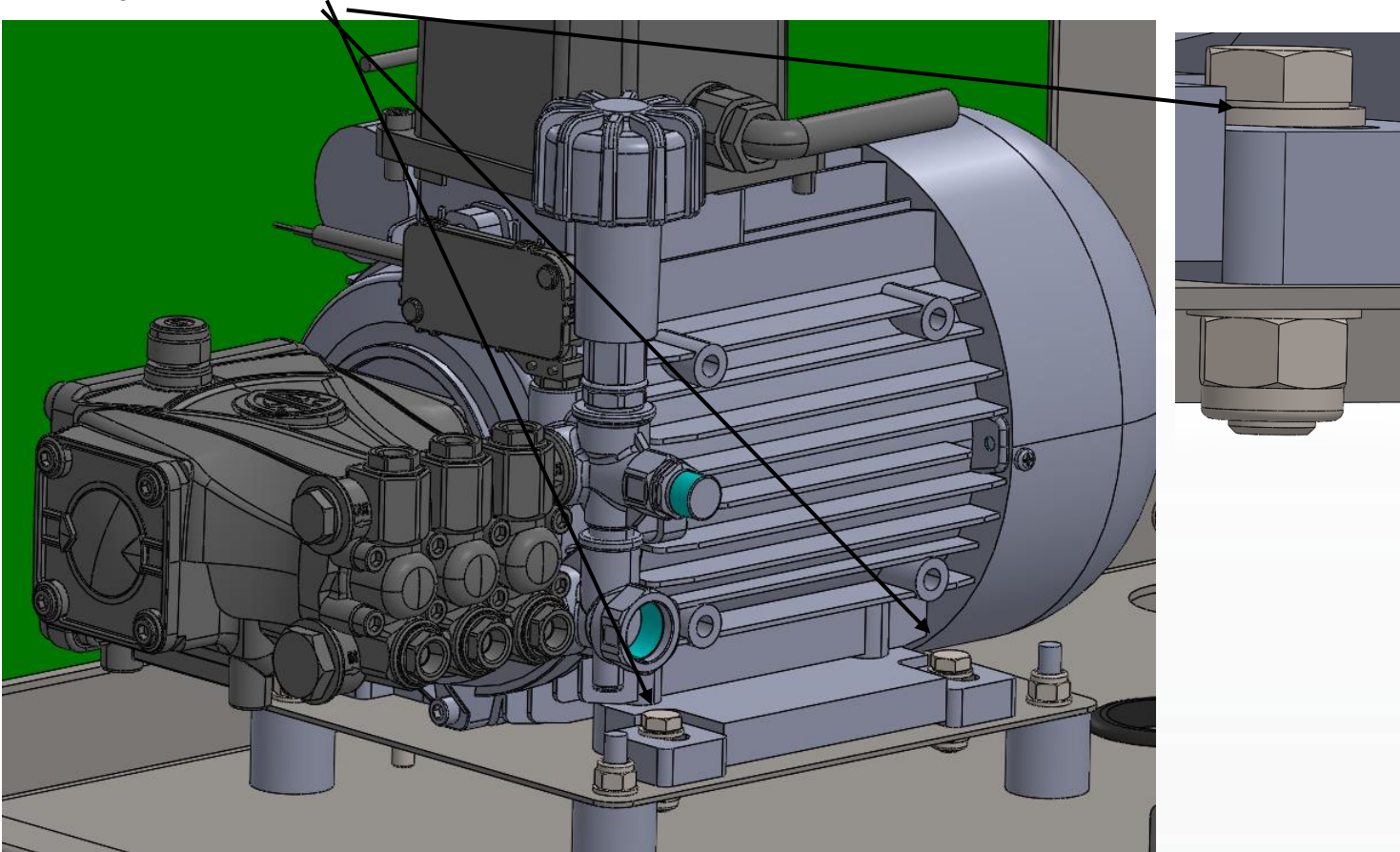


Installing the pump

Attention! Pump not included with Foamskid → order separately (HRC10.12ET 10L/MIN 120 BAR 230V 50HZ 2KW 4P (art number: 0801706)

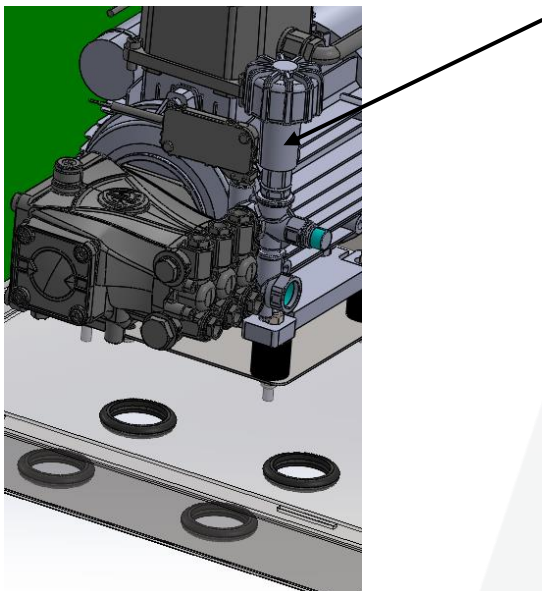
When using this, make sure the foam skid is connected to a separate 230V 16A fuse!!!

Mount the pump on the motor plate as shown below. 4x M8x30 8x washer M8 and 4x locknut M8



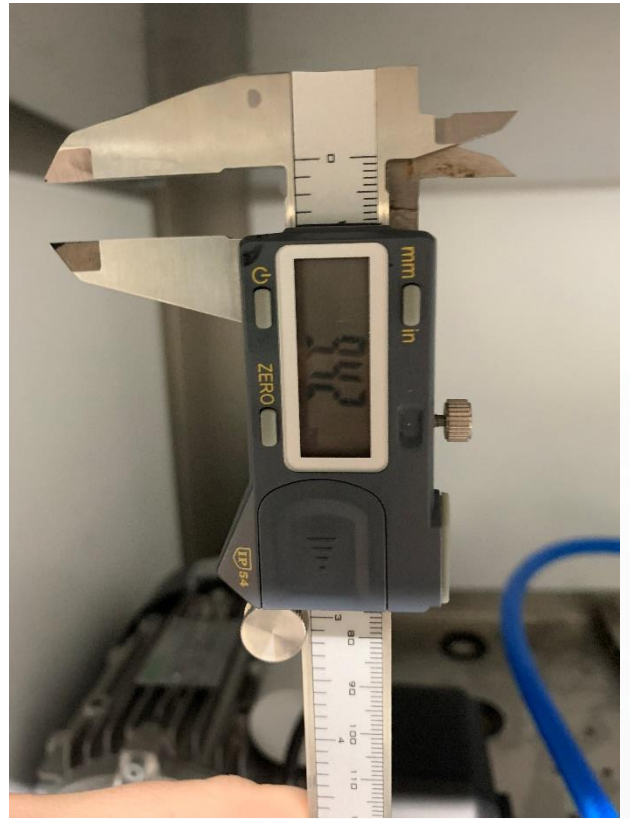
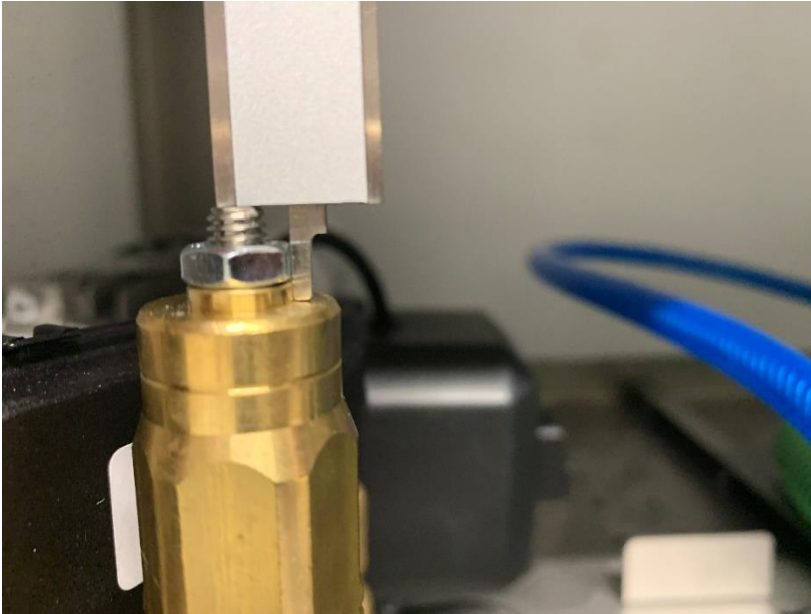
CAUTION!!!

When you install the pump make sure you regulate the pressure correctly. You do this by removing the black dial from the pump (in picture grey).



A piece of thread will now appear with a nut on it, unscrew the nut.

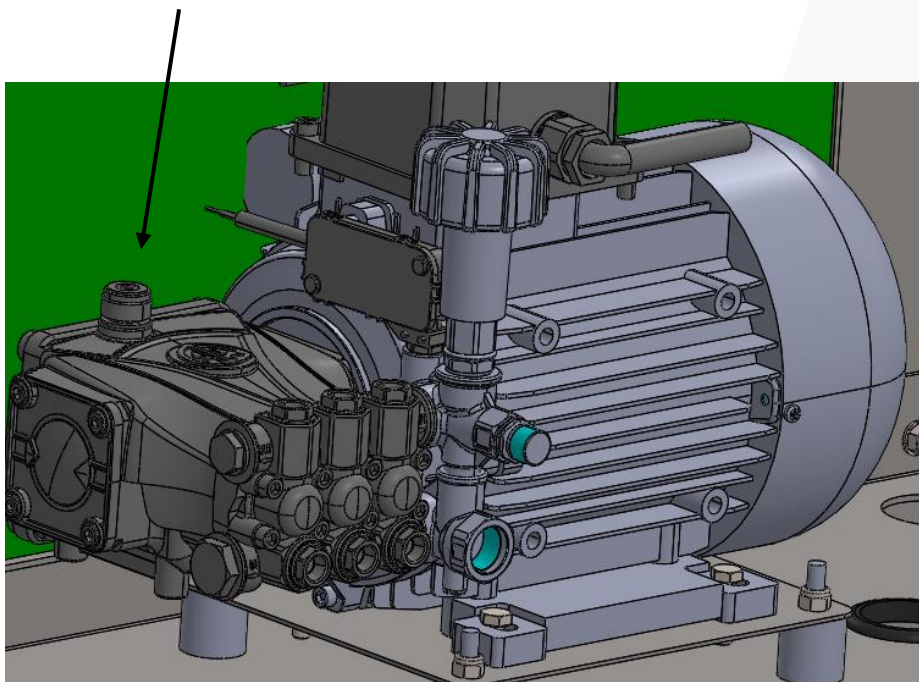
Now use an Allen key to turn in the thread making sure the distance shown below is between 9.35mm and 9.45mm, anything in between is also good.



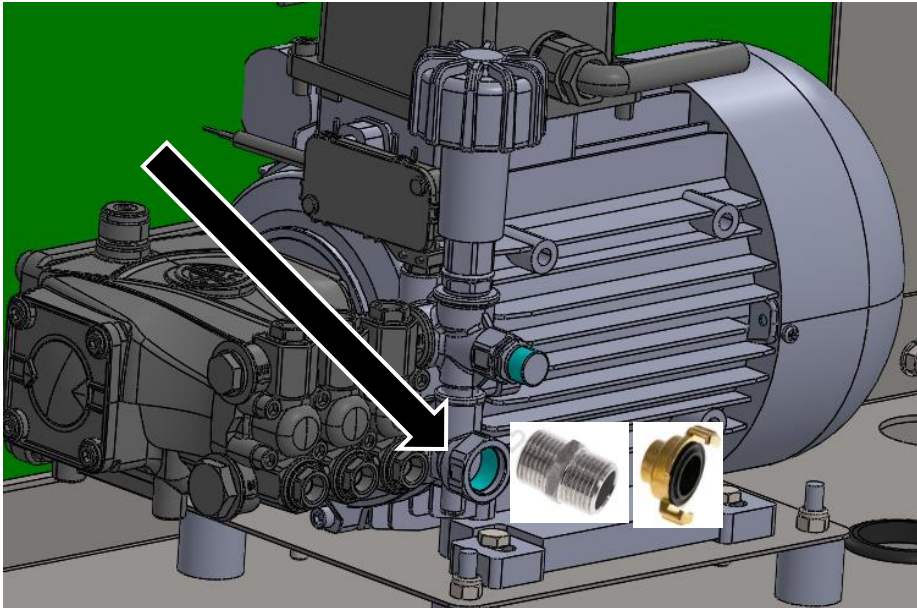
Tighten the nut back when the distance is set correctly and put the black knob back on top.

Finally, screw the arrow stick into the pump, it is included with the pump.

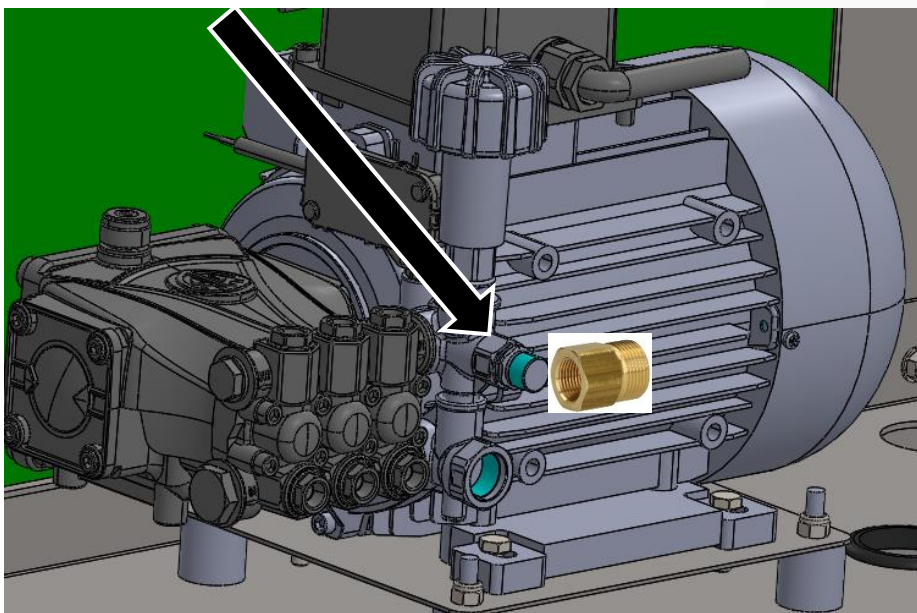
Unscrew the plug from the pump, see arrow below. Then screw the dipstick into the hole as far as it will go.



The Foamskid comes with 2 separate couplings, GK coupling and a point piece.
Screw the point piece at the bottom, into the inlet of the pump **USE TEFLON TAPE!**
Then screw the GK coupling onto the point piece **USING TEFLON TAPE!**

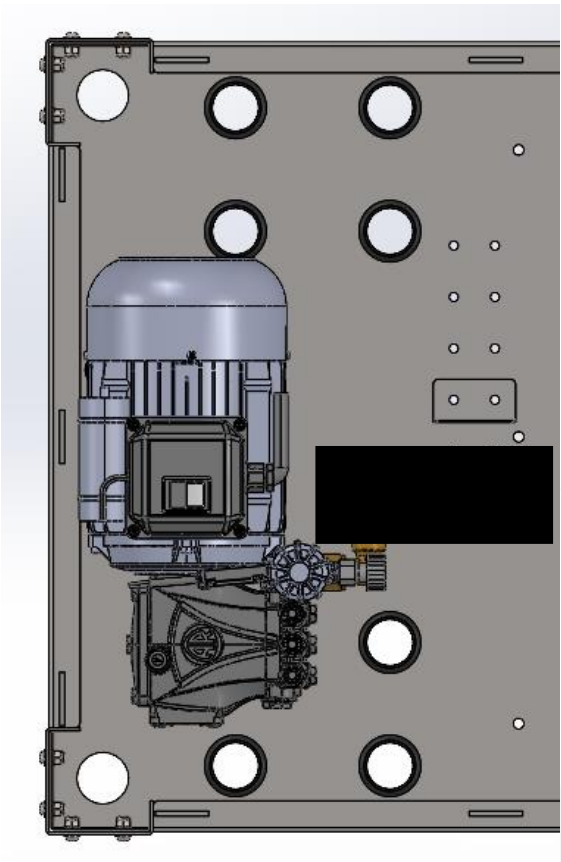


Screw Adaptor karcher M22-3/8" female thread onto the outlet of the pump, **again use Teflon tape!**



Injector assembly

Take intake hose and 1 hose clamp and mount it on injector as shown here. Then mount intake hose on intake lance as shown here.

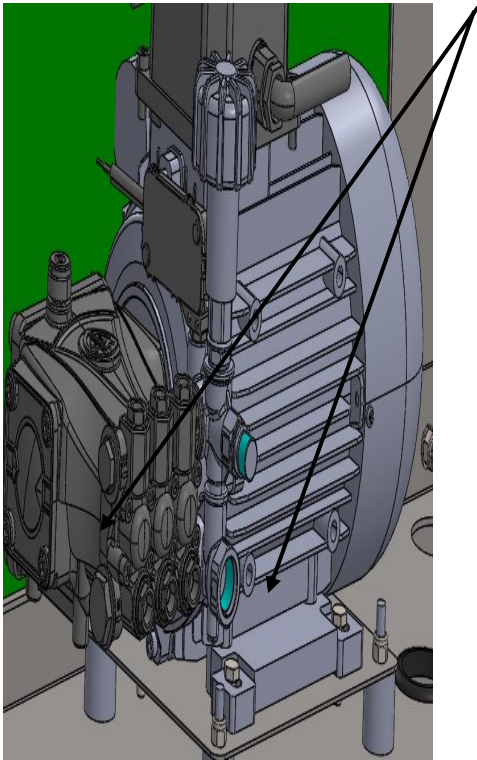


Finally, a jug of demo foam including suction lance should be placed on the bottom. The position of the jug is shown here.

Position can demo foam

Operate

Feed the electric cable, high-pressure hose and water supply hose through one of the grommets on the bottom.



On the 1st start-up of the pump, make sure to remove the injector from it. And run high-pressure hose directly on the pump. This is for venting the pump.



Loosen injector between pump and high-pressure hose

Make sure there is water supply and check everything for leaks.

Check that the drain valve is in the correct position.

Make sure the foam wall is connected to a separate 230V 16A fuse!!!

Put the plug in the socket and now turn on the motor, you do this by switching the black switch on the motor to the dash I.



Bleed the pump by squeezing the gun for 60 seconds, the pump is now fully bled.

Turn off the pump and turn off the water supply, now squeeze the gun to release the pressure from the system.

Turn the injector back between the pump and high pressure hose as shown below.



Now put all side panels back in the frame and the foam wall is ready for use.

Preparing the Demo foam wall for transport

Once you have finished giving the demo on the foam wall, it needs to be made transport-ready again. Make sure the foam wall is completely dry and clean of foam.

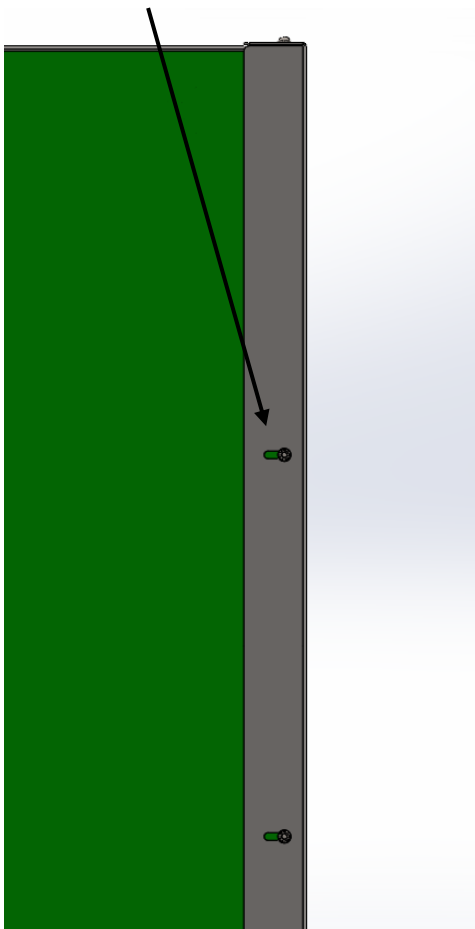
Checklist transport ready Demo foam wall in chronological order:

- - Remove suction lance from the jug and put it in a bucket of water 2L.
- - Spray with the gun until the bucket is emptied (all foam is now out of the system)
- - Switch off pump and disconnect plug
- - Close water tap and disconnect hose
- - Pressure off system (squeeze gun with foam lance)
- - Collection tank empty of water and foam
- - Close all taps
- - Disconnect all hoses and store neatly at the bottom of the frame
- - Take off top wall with 2 people and set up in transport mode (clarified below).
- - Put all side panels on
- - Fully wrap with bubble wrap and plastic
- - Foam wall ready for transport

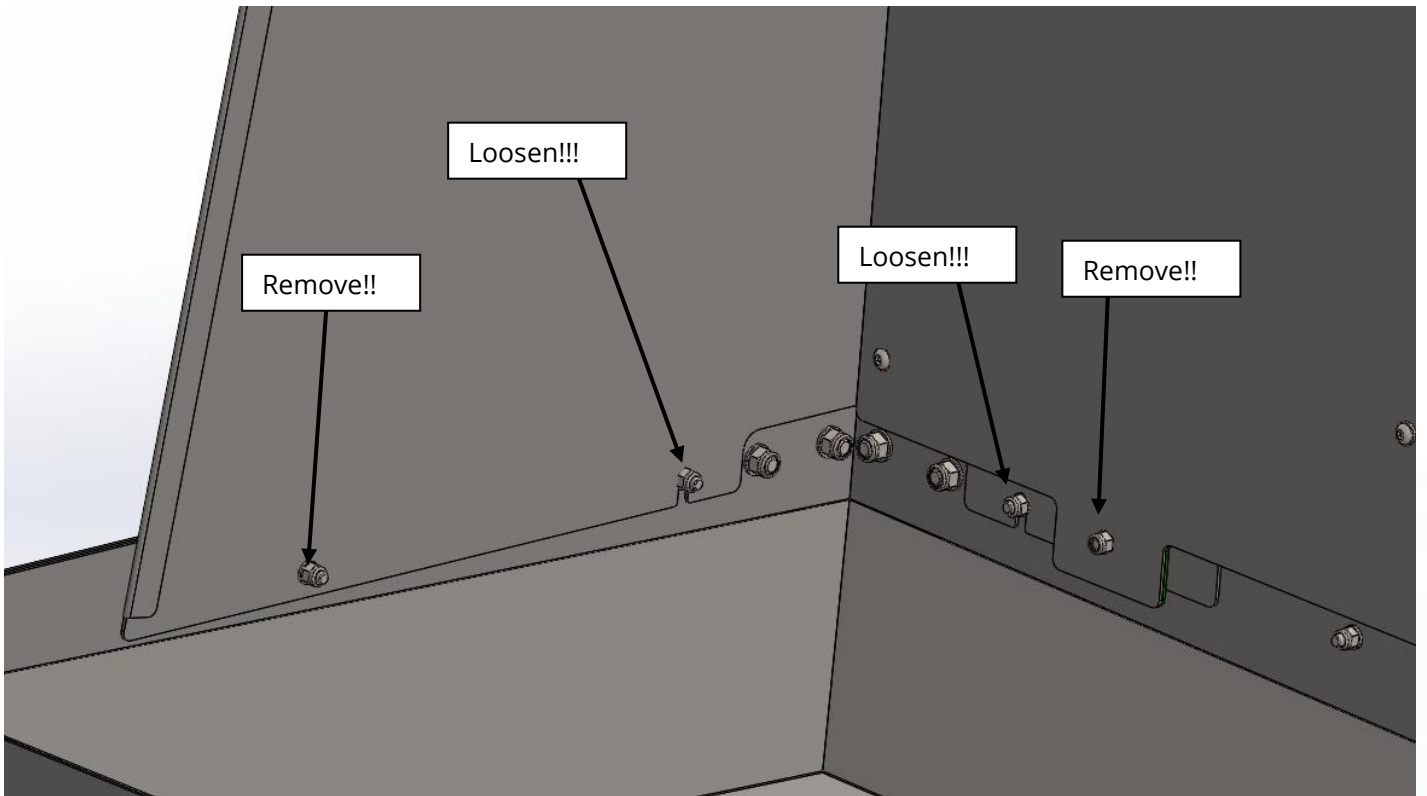
Set up foam wall in transport mode:

Remove the grid from the frame so you can easily reach everything.

On the back of the foam wall are lock holes (10x), loosen them all but do not remove the bolts!

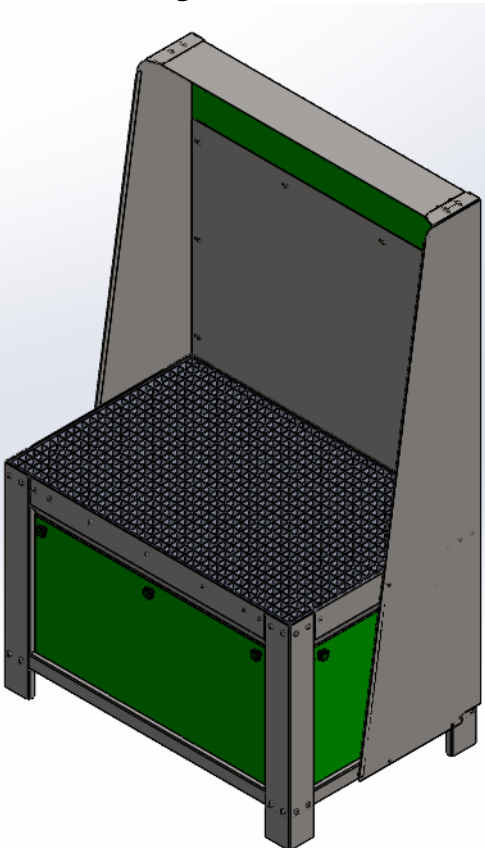


Then on both sides on the inside of the frame, take out 2 bolts and loosen 2 bolts. Do this LEFT & RIGHT!

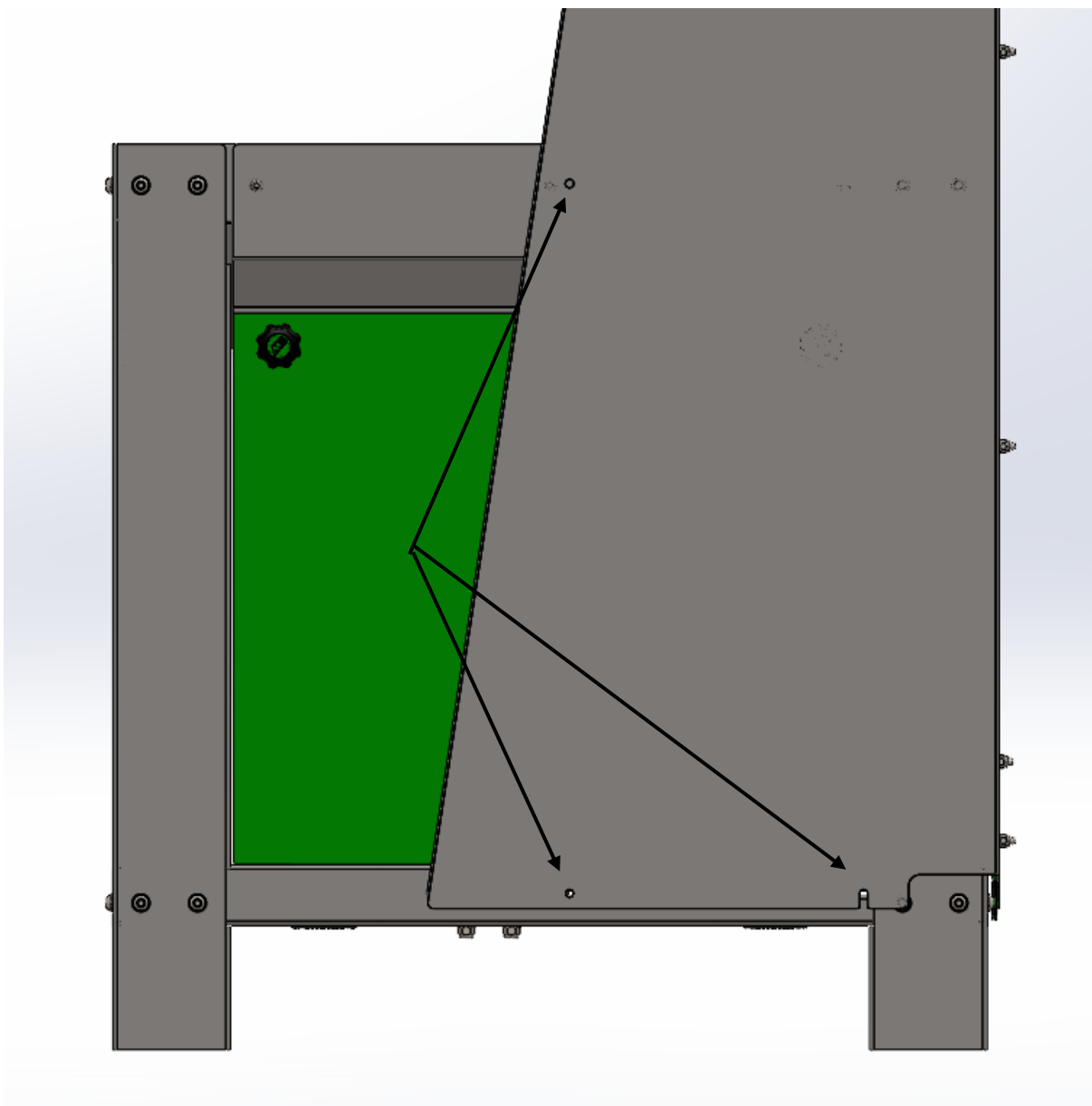


Now the top wall is loose in relation to the frame, lift the frame out with 2 people.

Put the frame in the maximum width position by pushing the side walls away from each other, then put the foam wall in transport mode. **Use enough foil and bubble wrap so that the foam wall is not damaged!**



Secure the upper part in transport mode at the following 3 holes.



Wrap the entire foam wall with foil and bubble wrap for transport so it will not be damaged!
Pictured below.

