

ISS AC-575



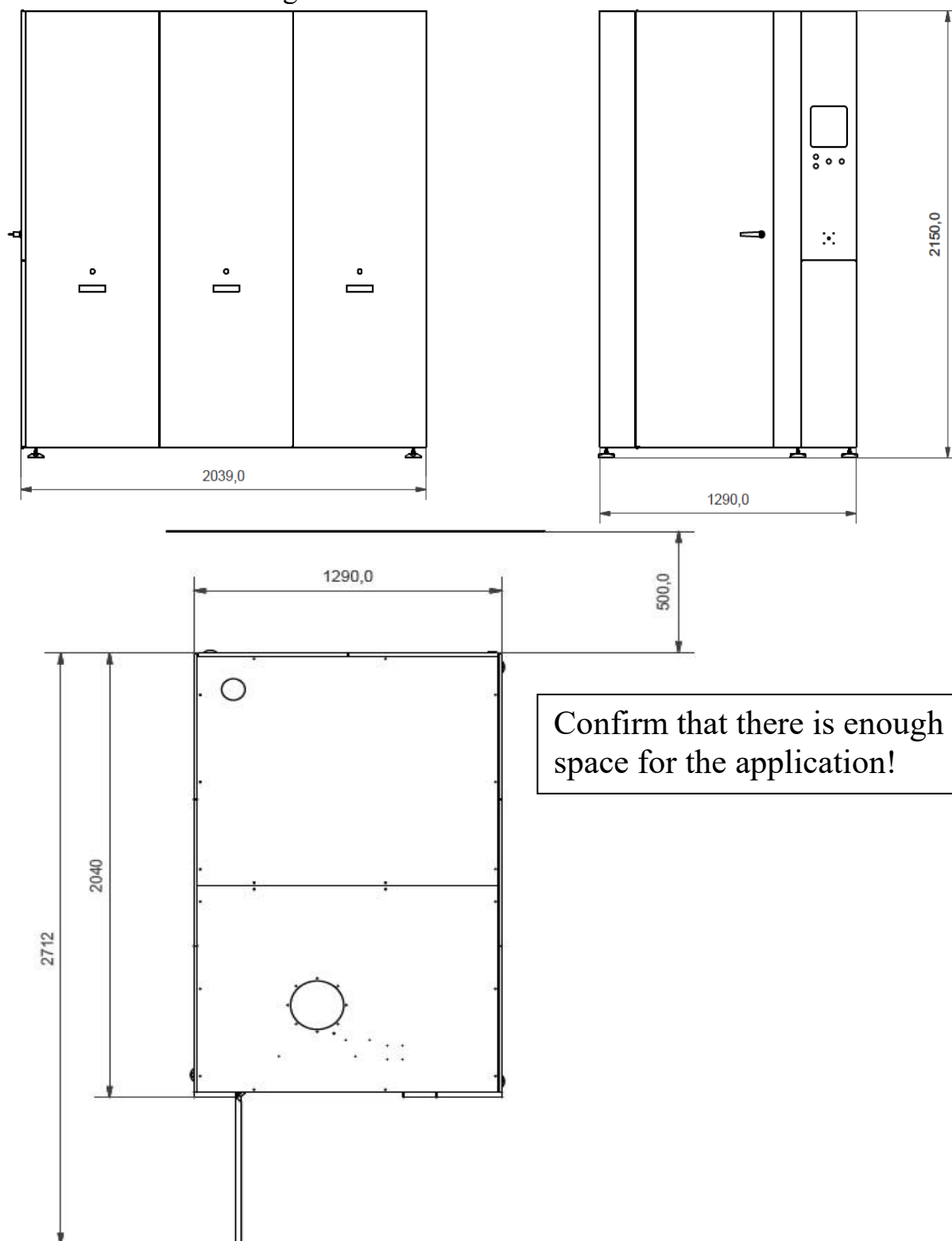
Integrated Sterilizer and Shredder **INSTALLATION GUIDE**

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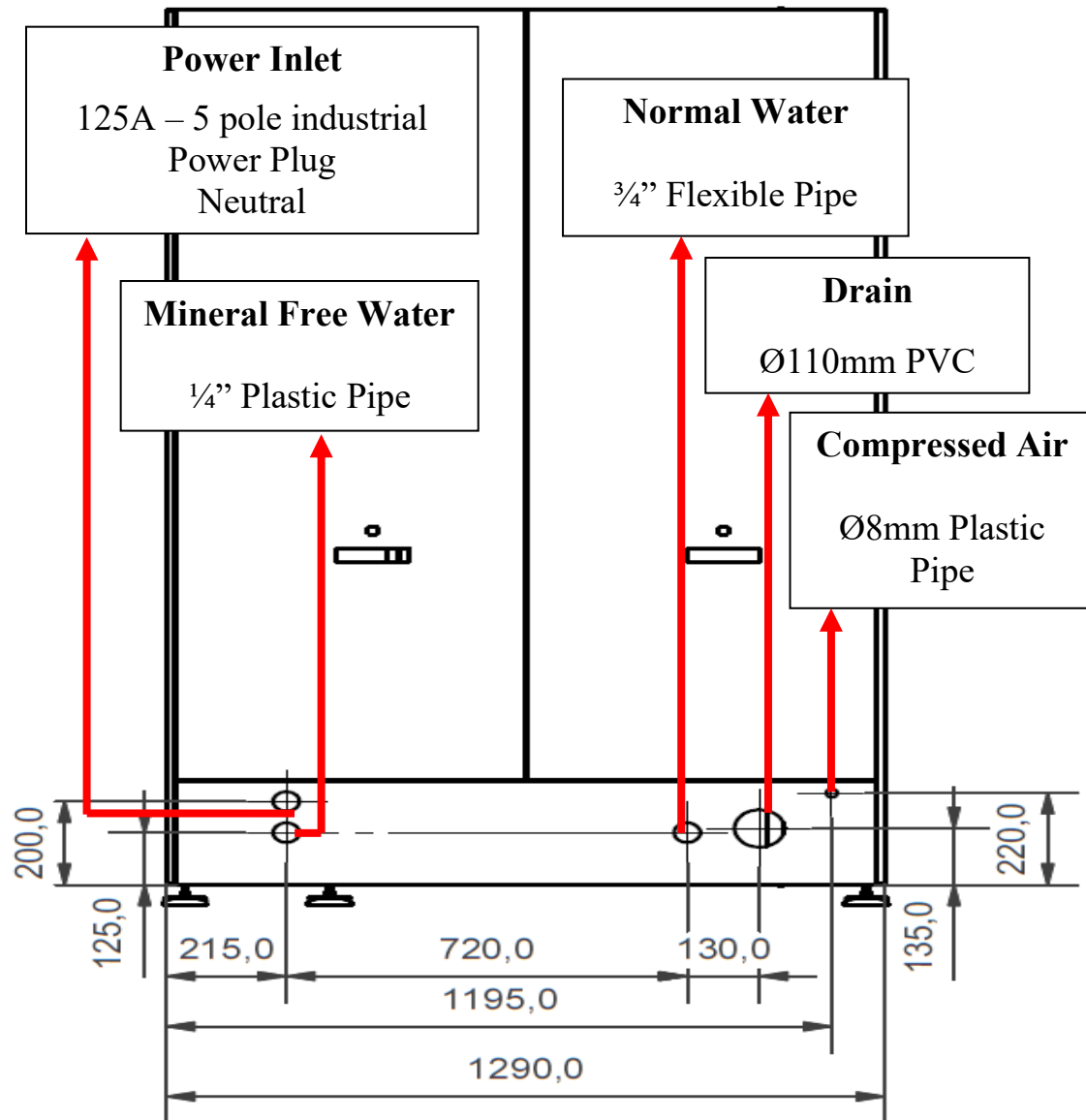
I. Measurement place of installation

In order to define the place of the shredder, we have to make careful measurements according to the shredder external frame's dimensions.



II. Arrangement of resources

Resource connections must be arranged before installation of shredder



III. Incoming inspection & unpacking

Immediately upon reception of your product, examine the packaging material and contents for shipment damage (such as: scratched panel surfaces, broken knobs, etc). Report any such instance to your dealer or point of purchase.

IV. Package content

Item number	Description	Quantity	UoM
05300099	M5x35 St.St. A2 countersunk screw	2	Pcs
45700036	M5 wood joint Washer	20	Pcs
05400011	M8 hexagonal Nut, DIN 934	25	Pcs
05300089	M8x45 hexagon head screw St. steel	9	Pcs
15400007	M5 st.st. hexagonal nut D934 (1987)	2	Pcs
15700010	M8 st.st. spring washer D127B	25	Pcs
15700018	M5 st.st washer D125-1A	12	Pcs
15700020	M8 Plain washer St.st	18	Pcs
45100297	Hinge for door frame, upper, after painting RAL9002	1	Pcs
45300012	M8x25 st.st. hexagonal screw	10	Pcs
45300066	M5x16 Hexagon Head Screw St.St.	30	Pcs
45300068	M8x45 Hexagon socket head screw St.st	3	Pcs
45300069	M8x70 Hexagon head screw St.st	3	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	22	Pcs
15700019	M5 st.st. spring washer	4	Pcs
46300001	Threaded rod, with 15mm ball head, M8x80, 14 mm key gap, steel with zinc coat	3	Pcs
49000047	Foot, tilting to leg, polyamide, with bores	3	Pcs
49000048	Antiskid creeper, 80, d=68, tilting to leg, with bores	3	Pcs
49000054	PANEL LOCK KEY 5MM DB	2	Pcs
49000159	L handle for padlock ISS	1	Pcs
49000174	Cam 48mm grip range (L handle support)	1	Pcs
49000176	Elastic band, double cord 3mm x 100 mm	2	Pcs

Accessories

Item number	Description	Quantity	UoM
02100036	Normal Water Inlet PE tube 3/4-3/4 int-int thread l=1,5meter for Ac Series	1	Pcs
42100039	Pipe-joint dia. 100	1	Pcs
49000082	Binder with wire 110mm for ISS	2	Pcs
49000108	Heat-proof cone hose 100/104mm steel coiling	2	m
49000109	Internal Door cover Paper	20	Pcs
45300074	M12x100 screw	12	Pcs
49000165	Polietilene waste bag 1400x900x0,08	20	Pcs
49000194	ISS AC-575 Garbage Trolley Module	1	Pcs

V. Required tools

Concrete Driller
Ø 12mm Drill for Concrete –



5kg Carbon Steel Hammer



1x5.5x125mm Insulated screw driver
PH2x100mm Insulated screw driver
8mm nut driver



2x 13mm wrench
2x 8mm wrench



6mm Allen wrench



Manual Forklift

Max width: 580mm
Max Height: 90mm



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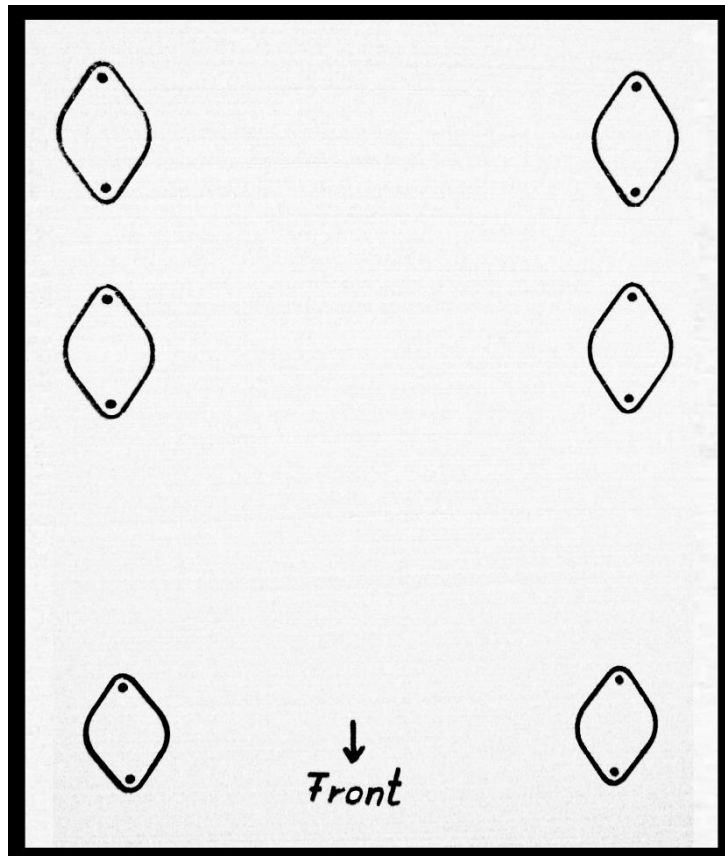
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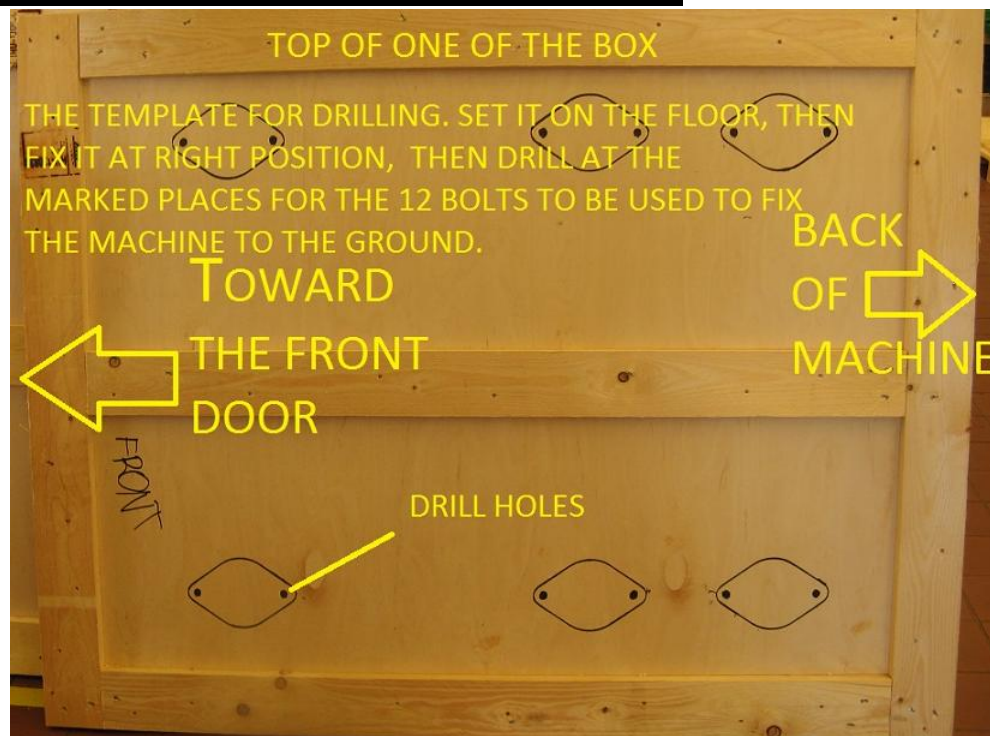
VI. Installation

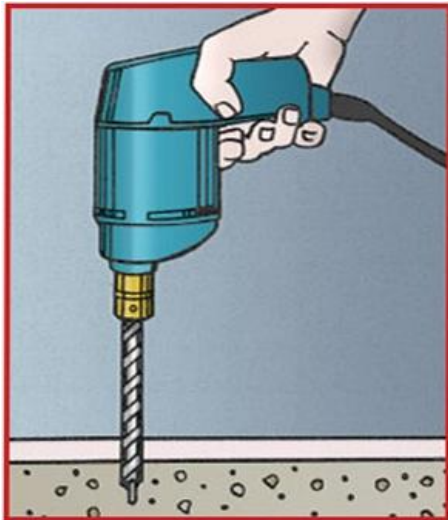
1. Main frame



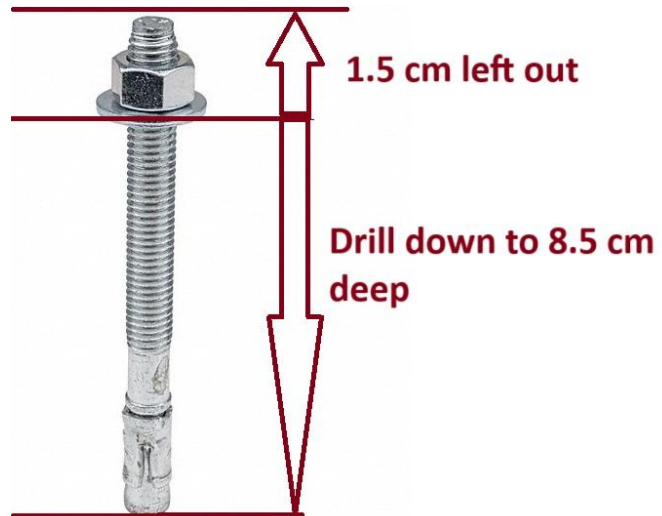
Use the pattern that is painted to the top of the packaging box in order to mark the fixing points of ISS to the ground! Be sure that there is no pipeline or electrical wiring under the concrete!

The quality of the concrete must be min. C20 and the thickness minimum 15cm.





Hold the driller straight and tight, make sure that the hole is not in angle.

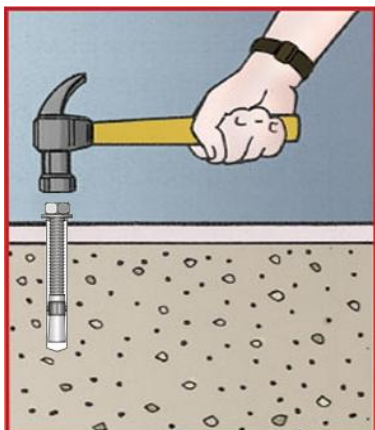


Drill 85 mm deep holes according to the markings with Ø12mm masonry or concrete bit to the floor. Recommended to blow out the holes with compress air.



45300074	M12x100 anchor	12	Pcs
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Assemble anchor bolts so that the nuts are about 3 threads onto the bolts. Place the concrete anchors into the drilled holes.



Use the hammer to lightly tap the anchor bolts into the drilled holes.

Make sure that the anchor is sit tight in the drilled hole.



Use the forklift to lift the shredder. Move the shredder above the installed concrete anchors. Remove the nuts from the anchors.



Open the bolts on the shock-absorber legs for easier adjustment.
Place the shredder on the anchors and fasten their nuts.
Fasten the bolts of shock-absorber legs.



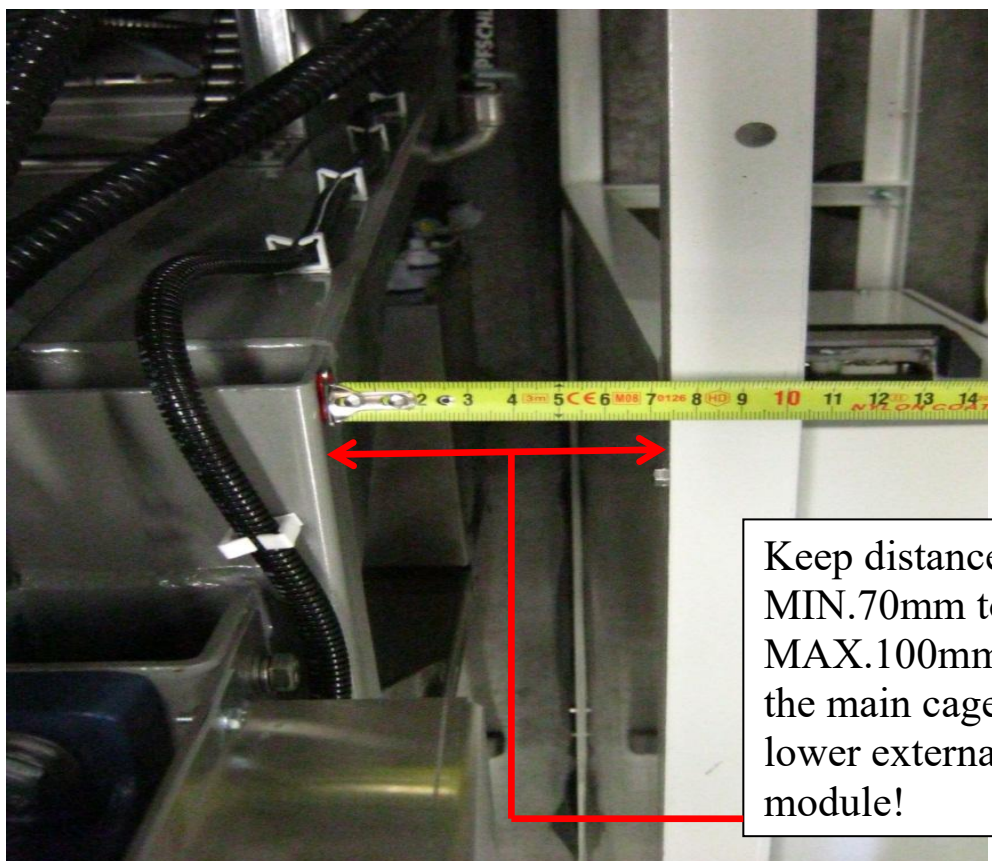
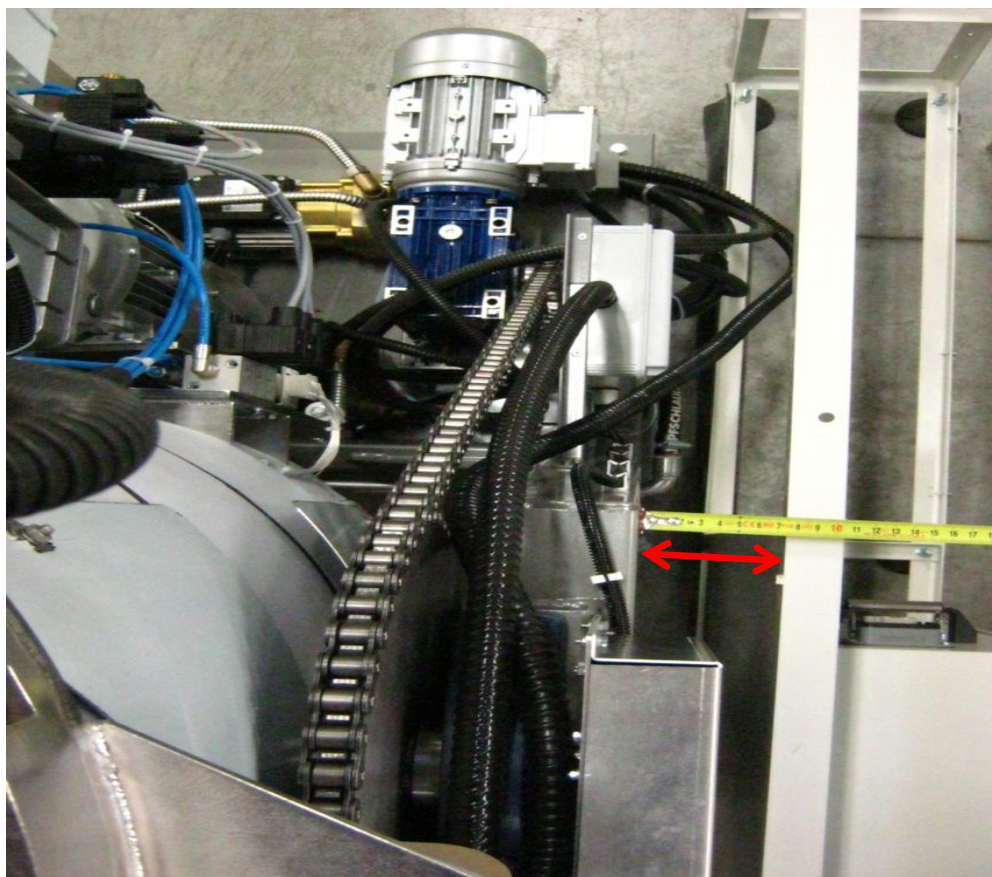
2. Lower External Frame Module



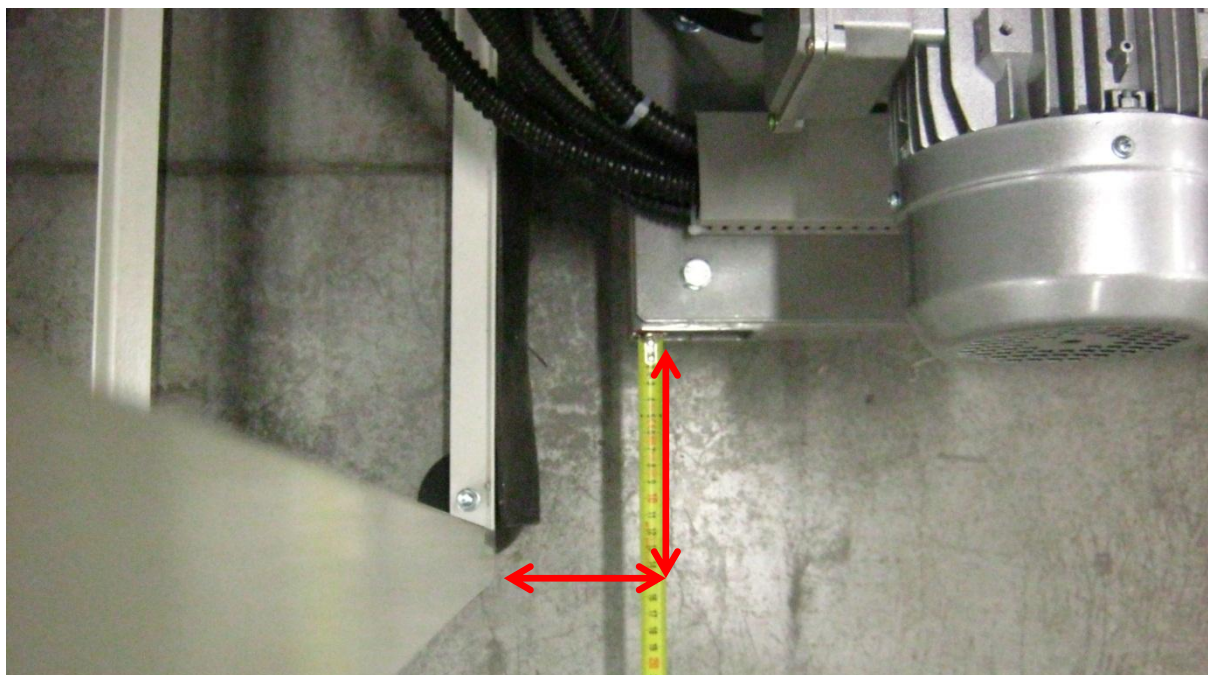
Install steam generator module next to the main cage!



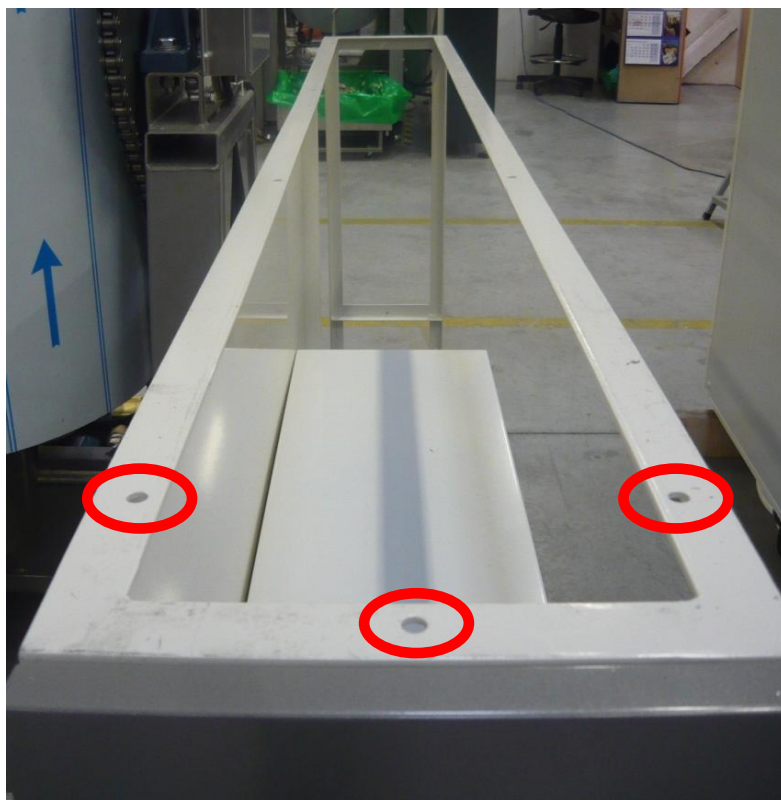
The steam generator module must stand parallel next to the main cage!



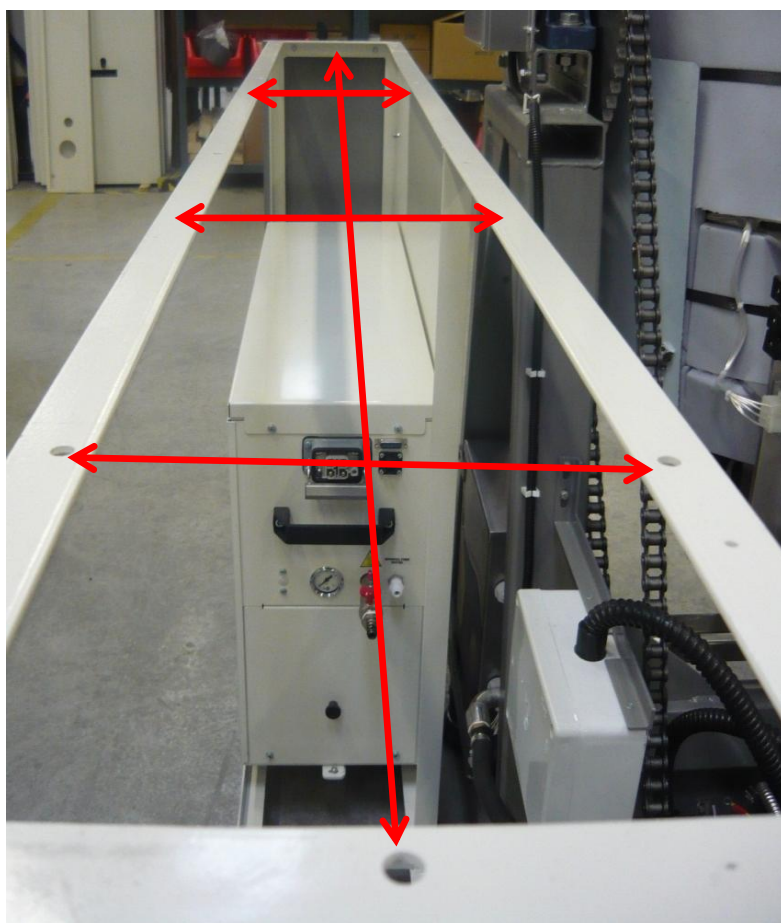
Keep distance from
MIN.70mm to
MAX.100mm between
the main cage and the
lower external frame
module!



Keep distance from MIN.150mm to MAX.200mm between the end of the main cage and the end of the lower external fame module!

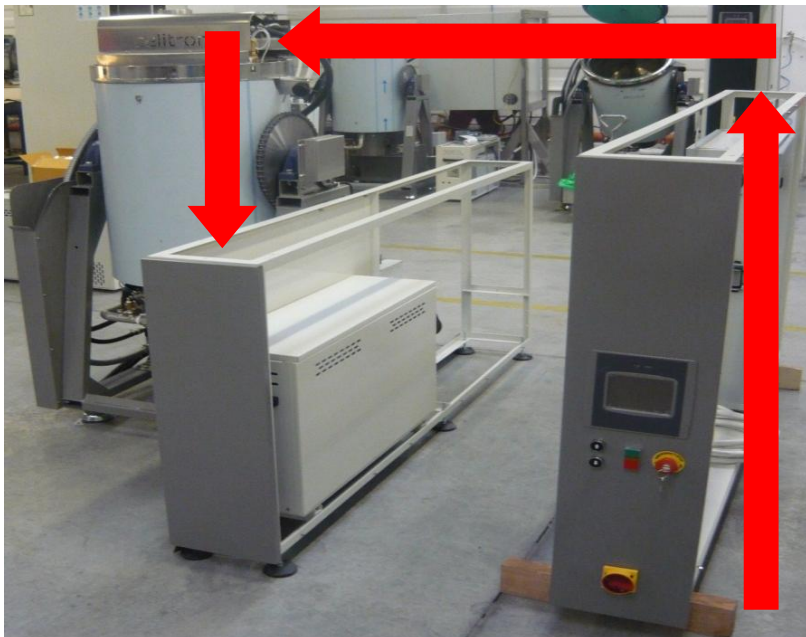


Follow the top line of the steam generator module and note every single fixing point before installing the next module!

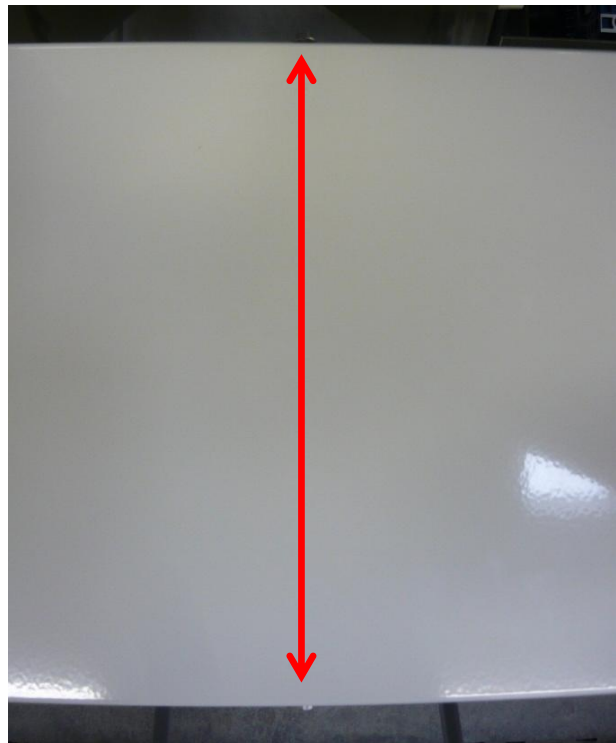
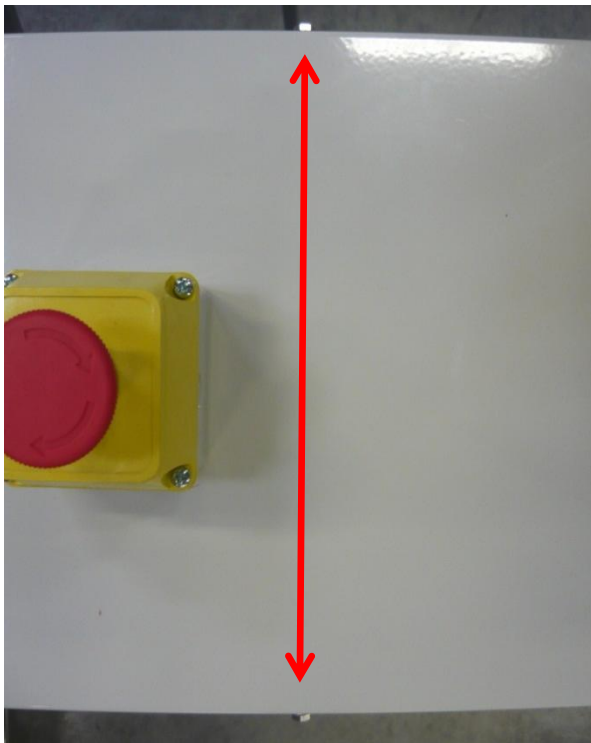
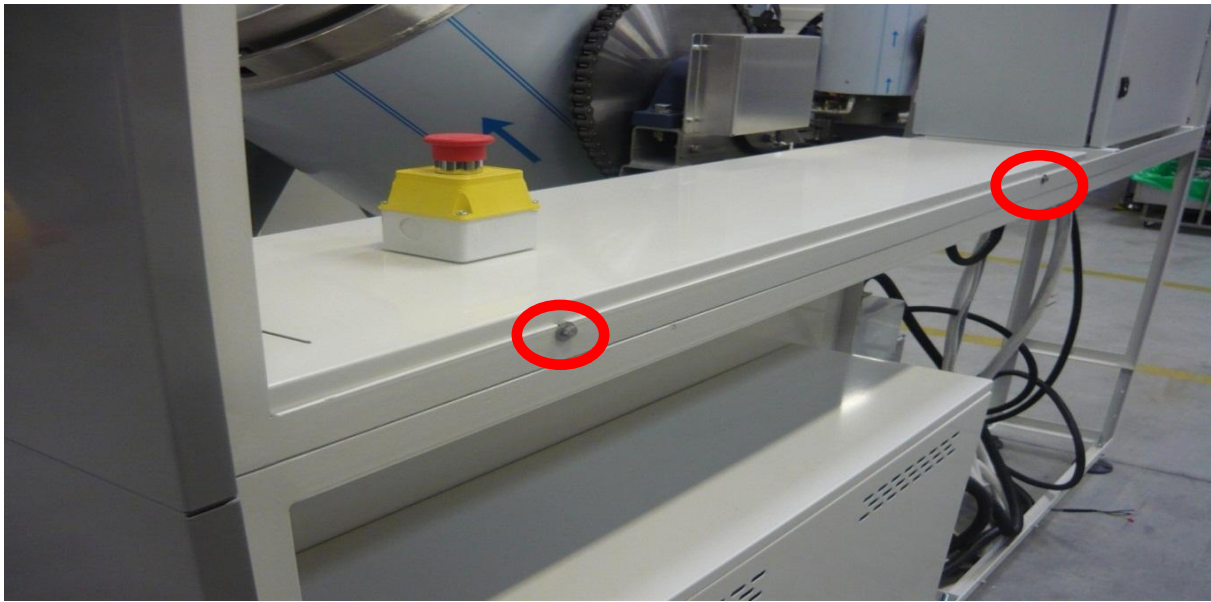


There are 10 fixing points for fixing the two module assemblies together!

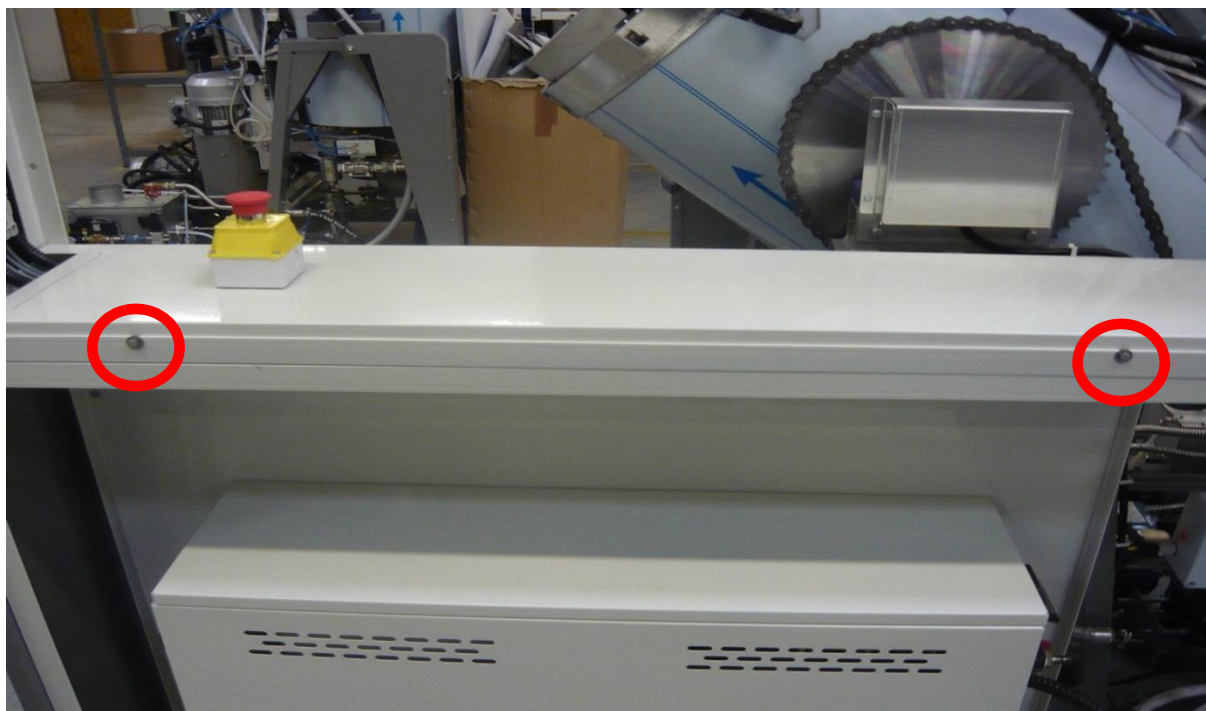
3. Control system module



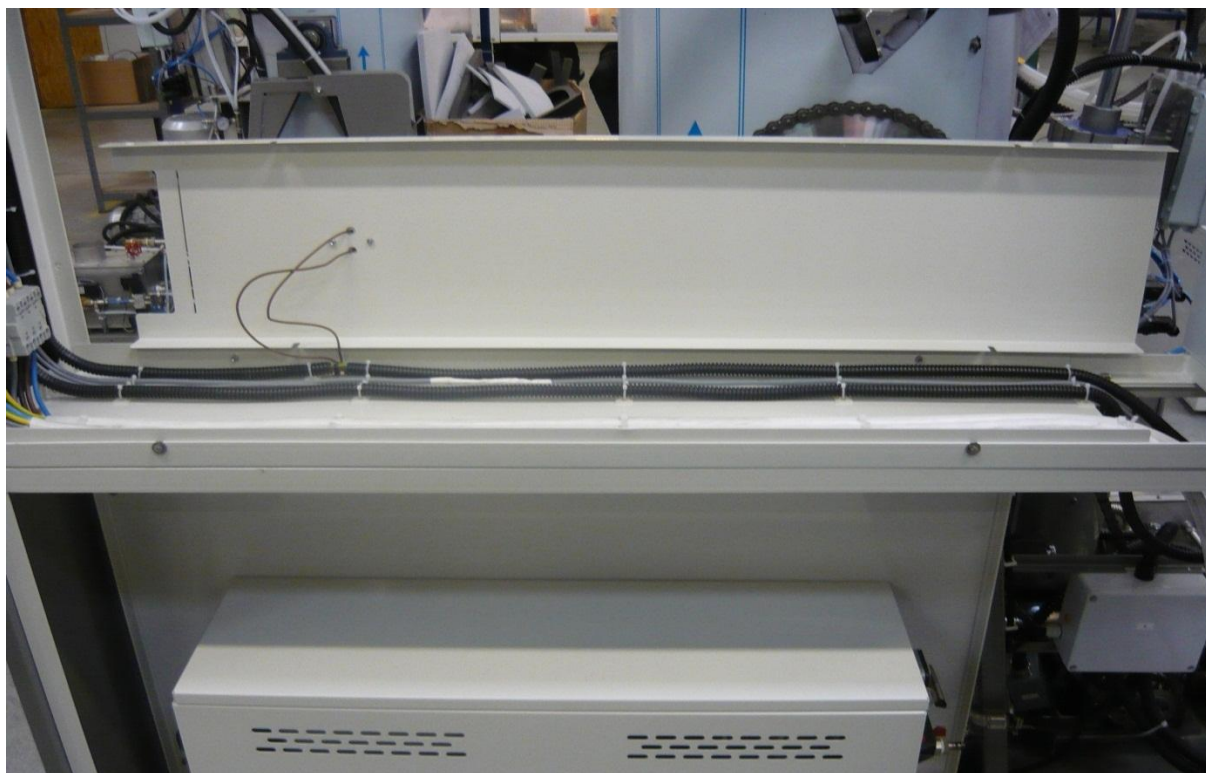
Place the control system module to the top of the lower external frame module!



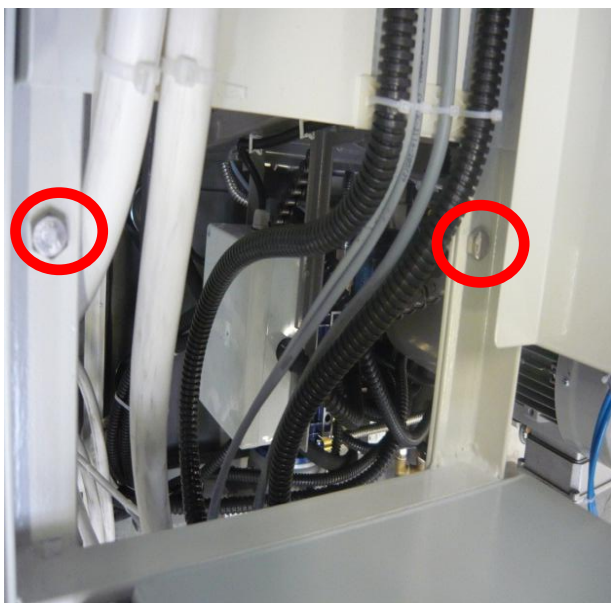
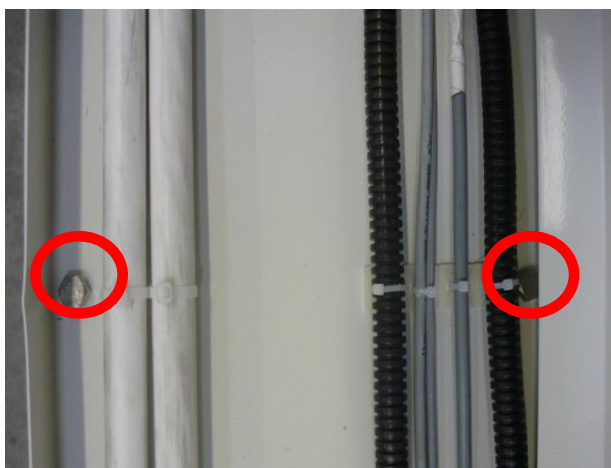
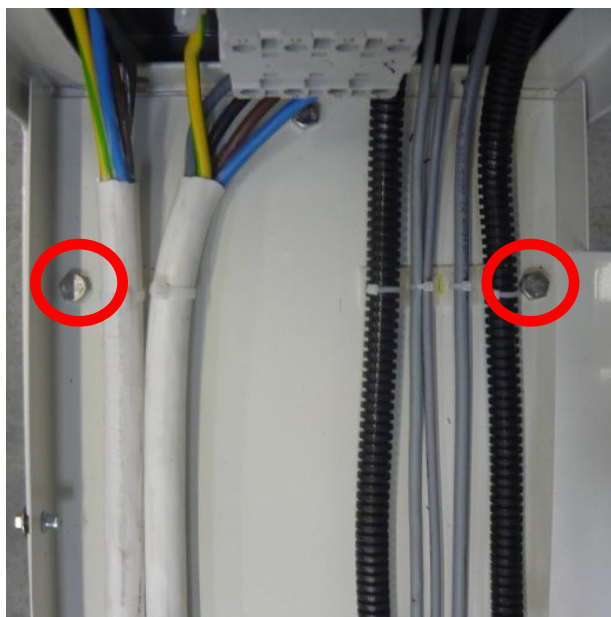
Release the bolts that are holding the high voltage cable tunnel's cover to the frame!



Lift up the high voltage cable tunnel's cover in order to get access the fixing points of the connecting modules!



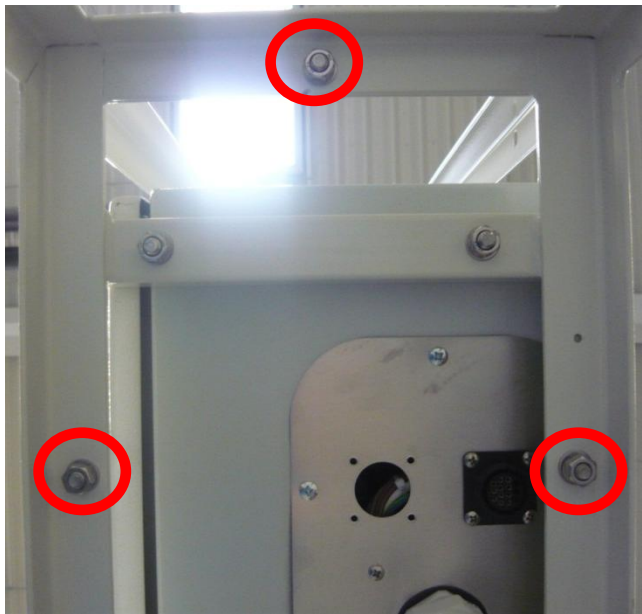
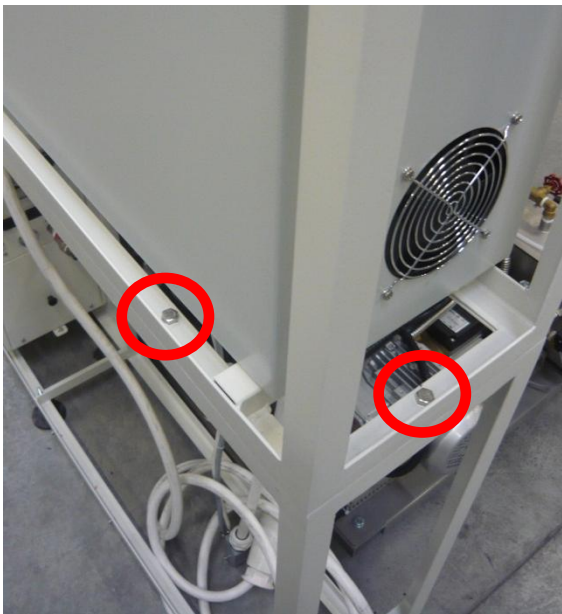
Place the high voltage cable tunnel's cover to the side of the frame!



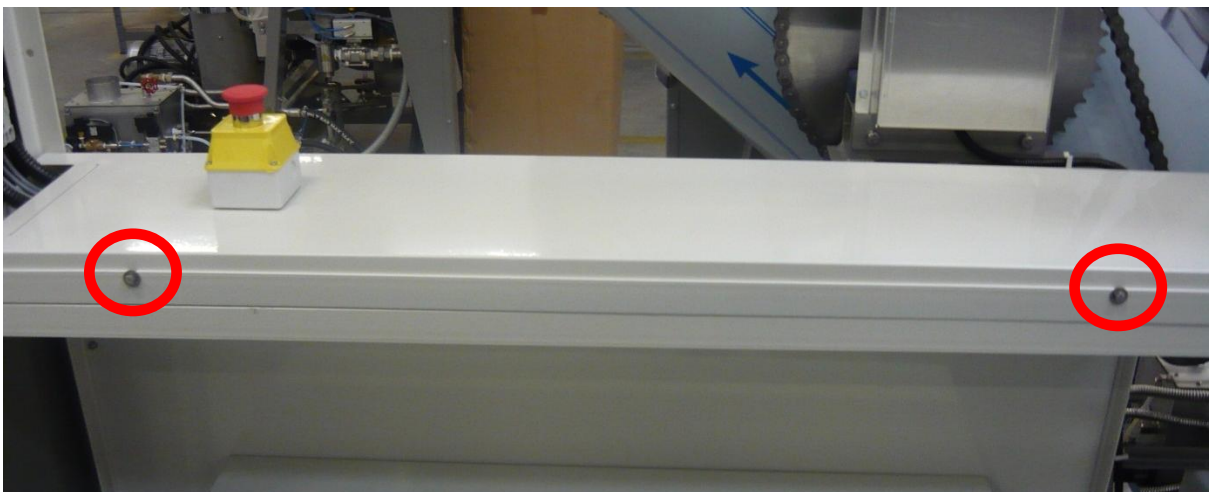
05400011	M8 hexagonal Nut, DIN 934	10	Pcs
15700010	M8 st.st. spring washer D127B	10	Pcs
45300012	M8x25 st.st. hexagonal screw	10	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	10	Pcs

Use the bolts and nuts to fix the module assemblies together!





Tighten the fixing nuts from below of the electrical box module!



Close the high voltage tunnel's cover and tighten its fixing bolts!

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4. Rear External Frame



Install polyamid foot with antiskid creeper to rear external frame!



Tighten the fixing bolts of the leg in order to secure its position!

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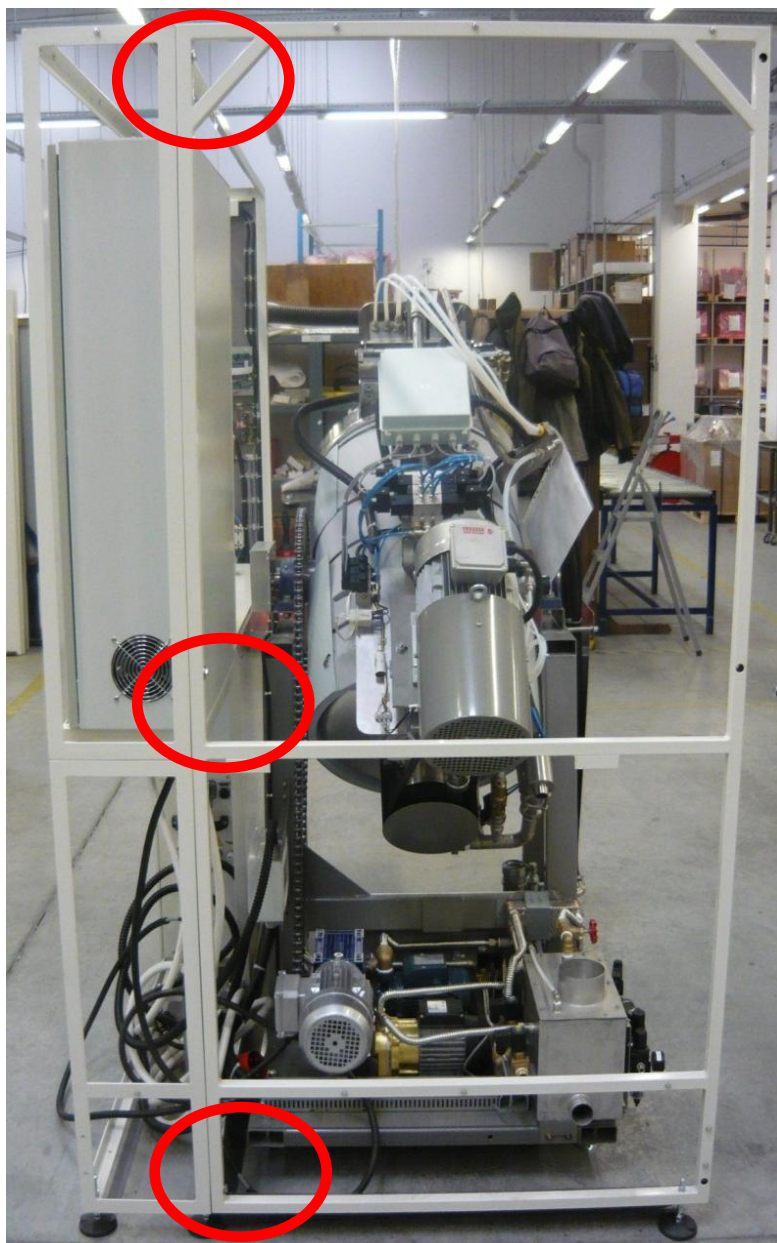
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05300089	Hexagon head screw St. steel M8x45	3	Pcs
05400011	M8 hexagonal Nut, DIN 934	3	Pcs
15700010	M8 st.st. spring washer D127B	3	Pcs
15700020	M8 Plain washer St.st	3	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	3	Pcs

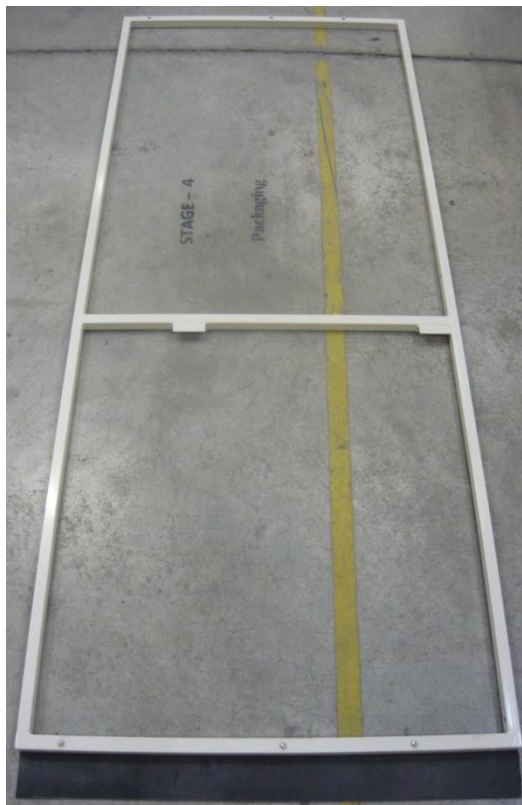
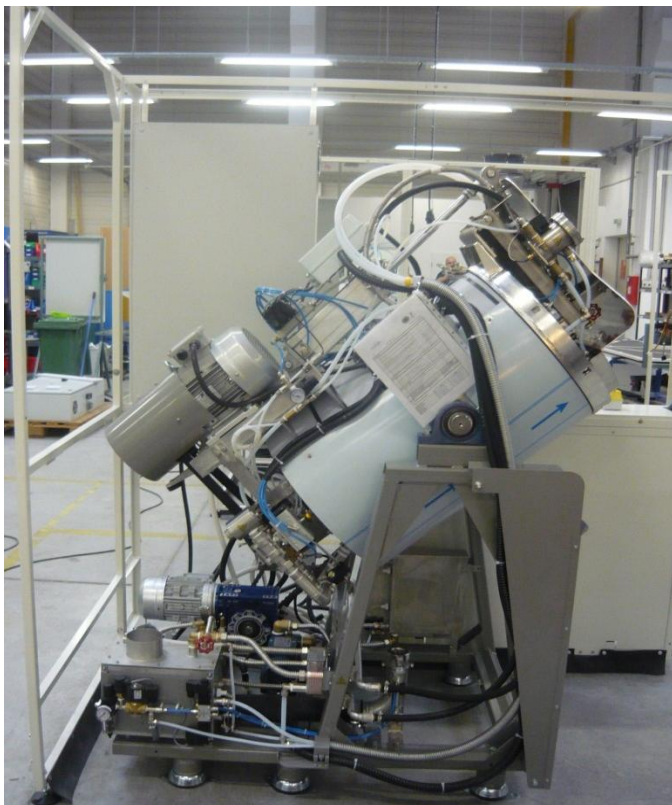
Use the bolts and nuts to fix the rear external frame and the module assemblies together!





Tighten the bolts and nuts in order to secure the rear external frame's position!

5. Left External Frame



Install polyamide foot with antiskid creeper to left external frame!



Tighten the fixing bolts of the leg in order to secure its position!

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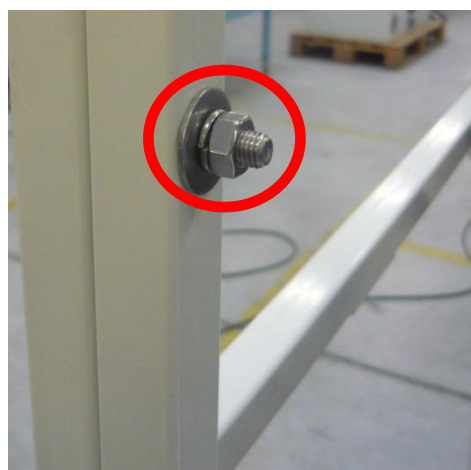
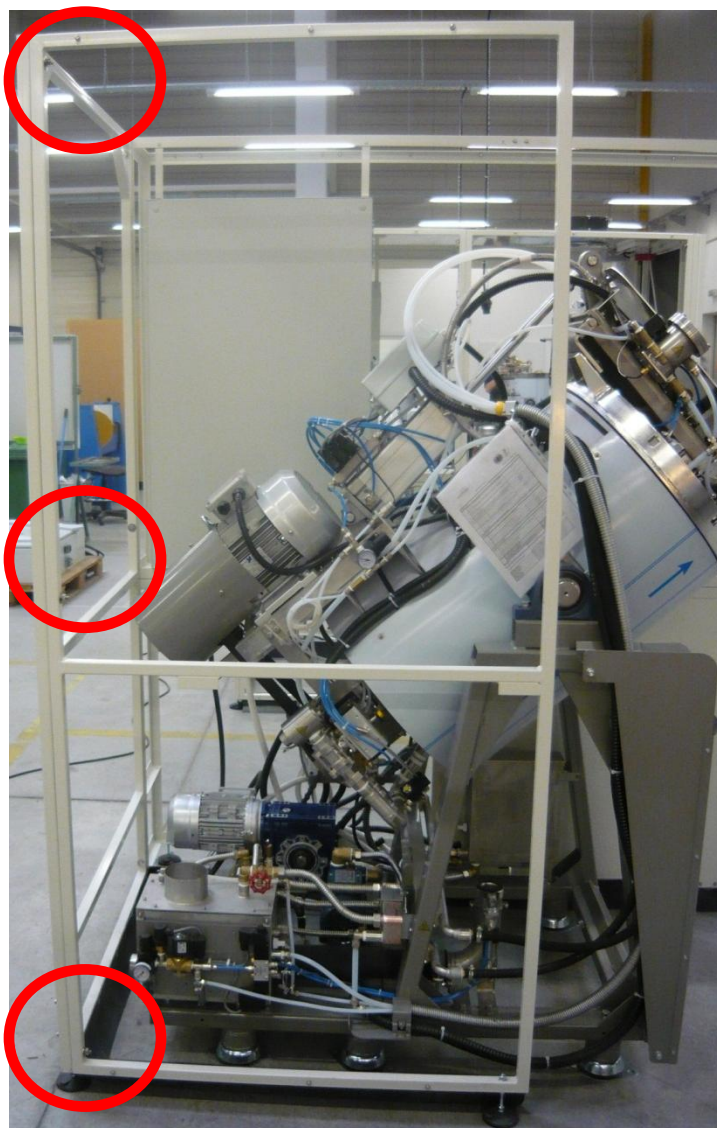
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Install left external frame to rear external frame to right angle! Use the bolts and nuts in order to secure the left external frame's position!

05300089	Hexagon head screw St. steel M8x45	3	Pcs
05400011	M8 hexagonal Nut, DIN 934	3	Pcs
15700010	M8 st.st. spring washer D127B	3	Pcs
15700020	M8 Plain washer St.st	3	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	3	Pcs



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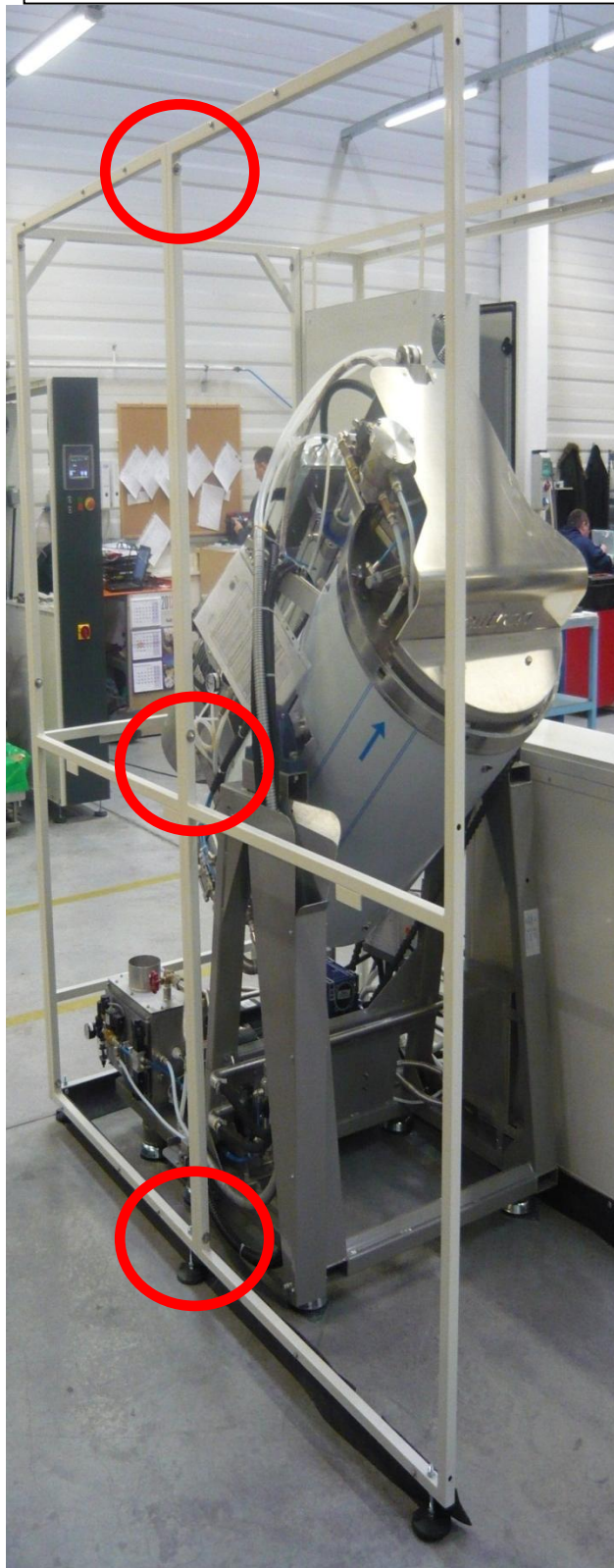
6. Right External Frame



Install polyamide foot with antiskid creeper to right external frame!



Tighten the fixing bolts of the leg in order to secure its position!



05400011	M8 hexagonal Nut, DIN 934	3	Pcs
15700010	M8 st.st. spring washer D127B	3	Pcs
15700020	M8 Plain washer St.st	6	Pcs
45300069	M8x70 Hexagon head screw St.st	3	Pcs

Use the bolts and nuts to fix the external frame parts together!





Tighten the bolts and nuts to secure the external frame!

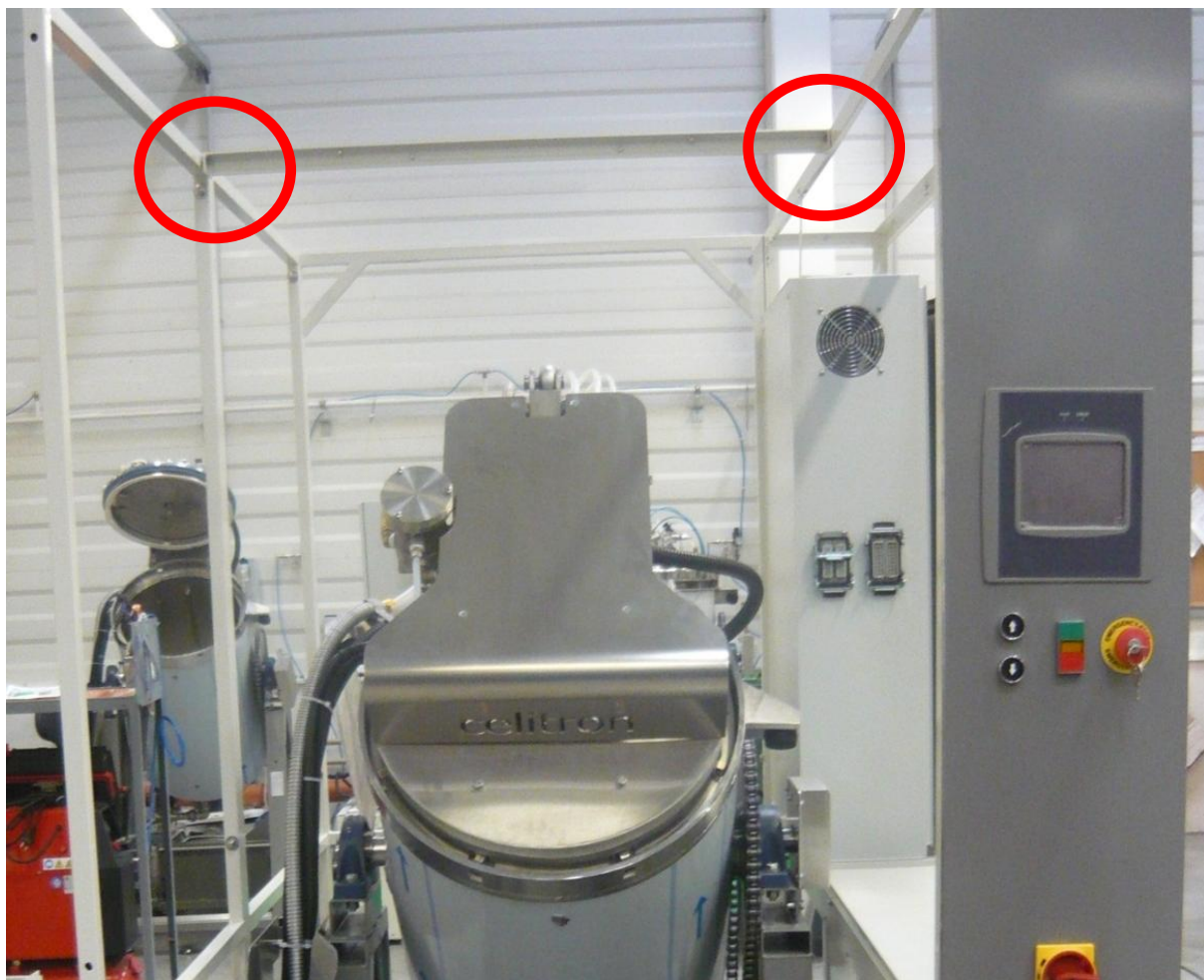
7. External Frame Middle Brace



Install middle brace to harden the external frame's structure!
The necessary fixing parts are pre-installed into the frame!

15700018	M5 st.st washer D125-1A	4	Pcs
45300066	M5x16 Hexagon Head Screw St.St.	4	Pcs
15700019	M5 st.st. spring washer	4	Pcs





Tighten the bolts from the front side of the machine to secure the external frame middle brace's position!

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Tighten the bolts from the front side of the machine to secure the external frame middle brace's position!

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8. Front Right Frame



Install front right frame to the module assemblies!

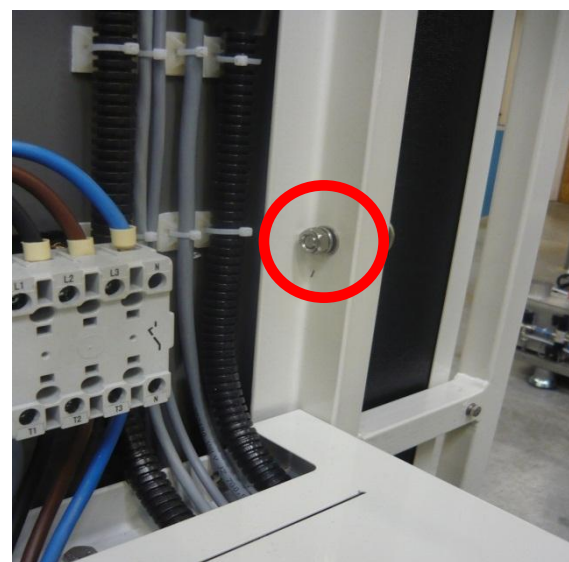
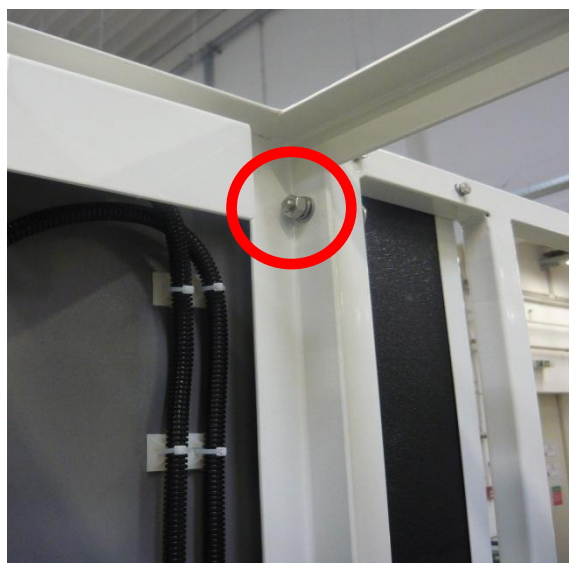
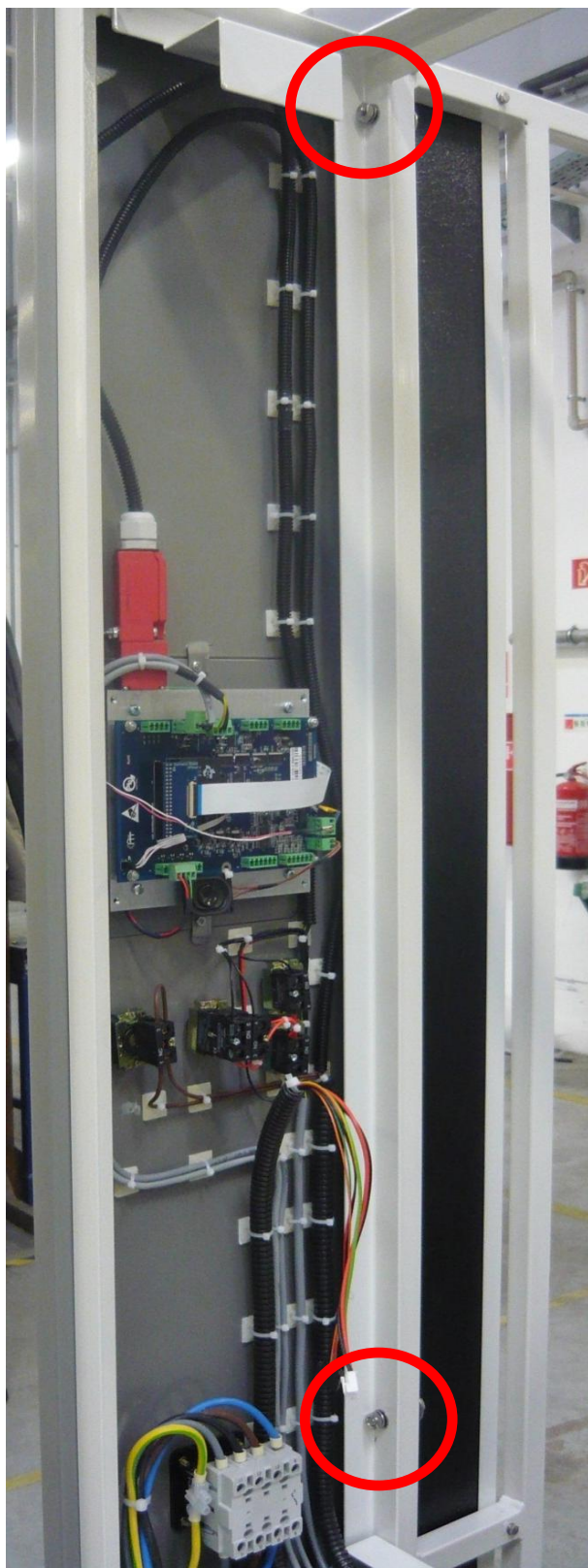
05300089	Hexagon head screw St. steel M8x45	3	Pcs
05400011	M8 hexagonal Nut, DIN 934	3	Pcs
15700010	M8 st.st. spring washer D127B	3	Pcs
15700020	M8 Plain washer St.st	3	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	3	Pcs



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Use the bolts and nuts to secure the upper side of the front right frame to the module assemblies!



Use the bolts and nuts to secure the lower side of the front right frame to the module assemblies!

Install back panel to cover the electrical components!

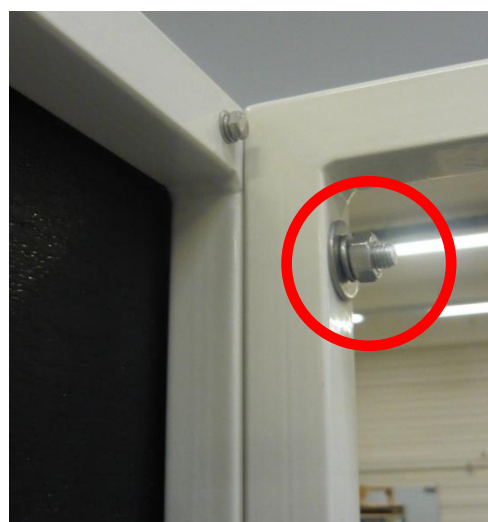
9. Front Left Frame



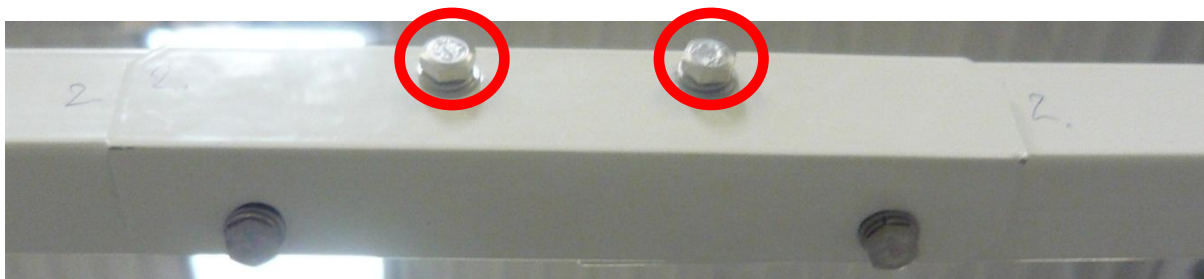
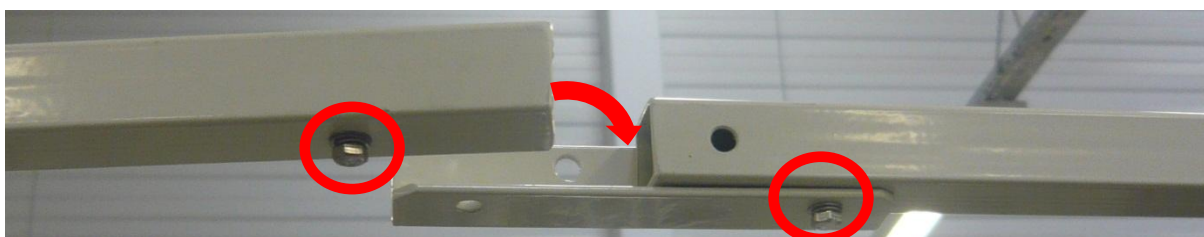
Install front left frame to the right external frame!

45300068	M8 ×45 hexagon socket head screw	3	Pcs
05400011	M8 hexagonal Nut, DIN 934	3	Pcs
15700010	M8 st.st. spring washer D127B	3	Pcs
45700010	M8 washer, st.st. KCS D125-1A for ISS	3	Pcs





Tighten the nuts to secure the position of the front left frame to the right external frame!

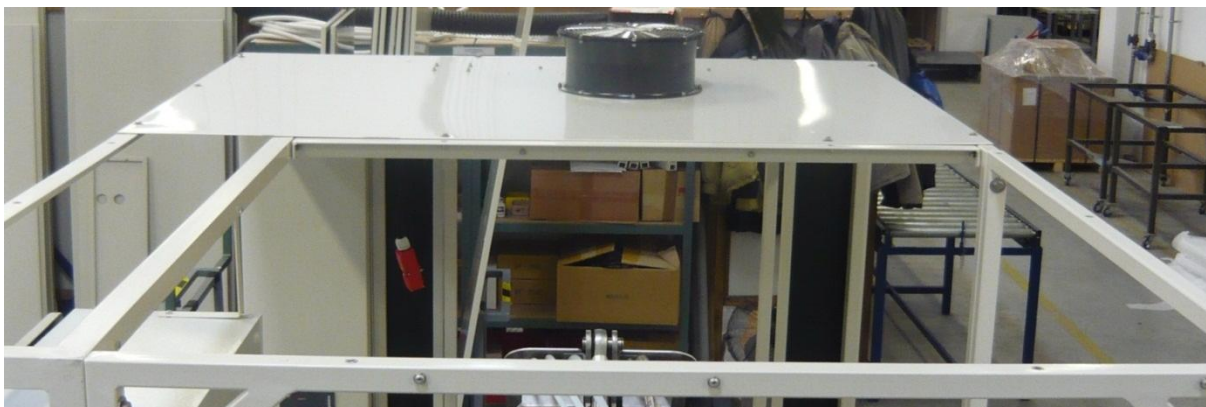


Use frame support part to mount the front frames together! Tighten the bolts to secure the connection!

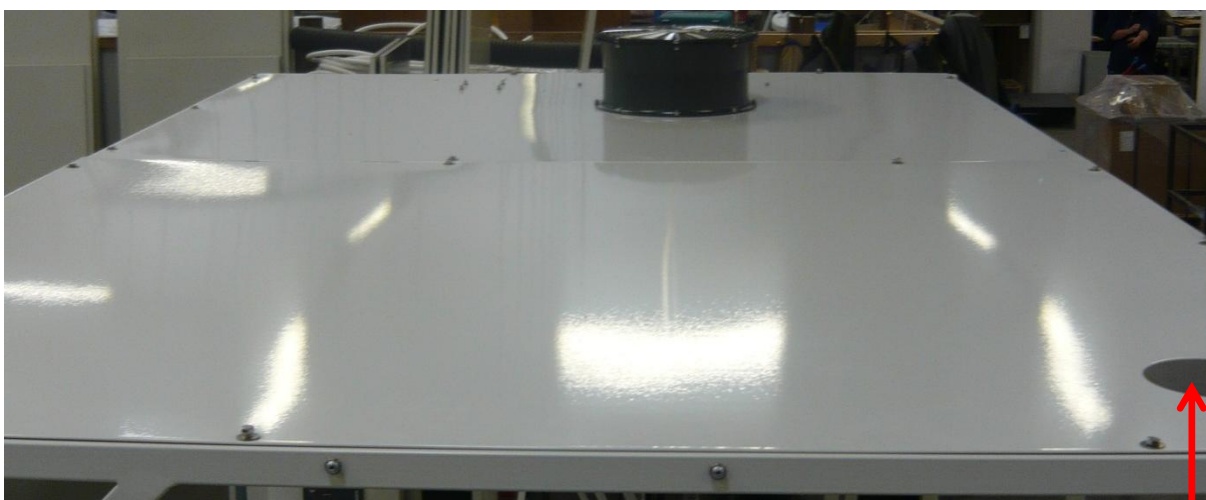
15700018	M5 st.st washer D125-1A	4	Pcs
45300066	M5x16 Hexagon Head Screw St.St.	4	Pcs
45700037	M5 st.st. spring washer DIN7980	4	Pcs



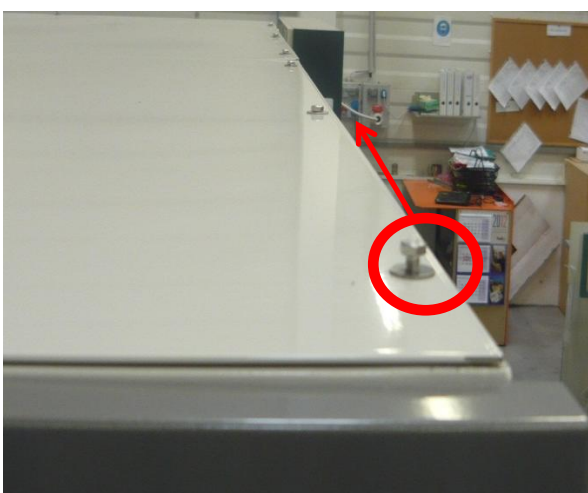
10. Top Covers



Mount the front top cover according to the picture!



Mount the rear top cover according to the picture! The opening of the exhaust hose must be at the right back corner!

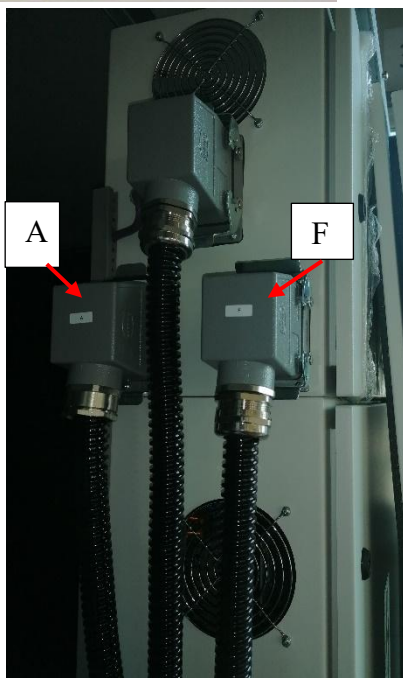
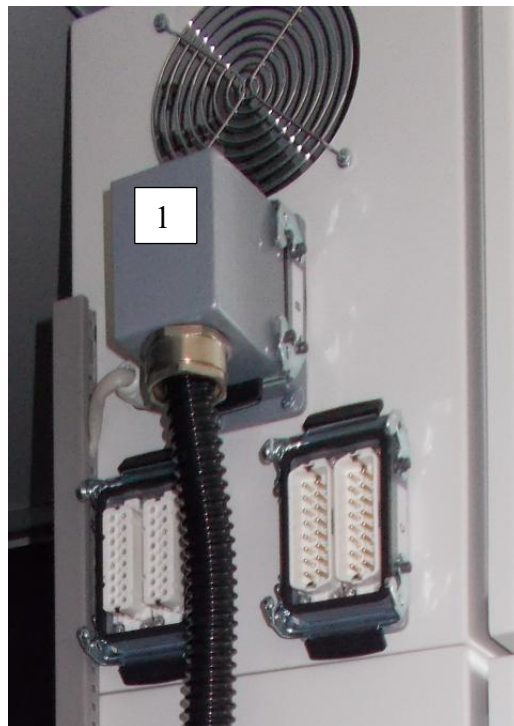


Install the bolts to the 20 sockets of the top covers. Tighten the bolts around to secure the position of the top covers!

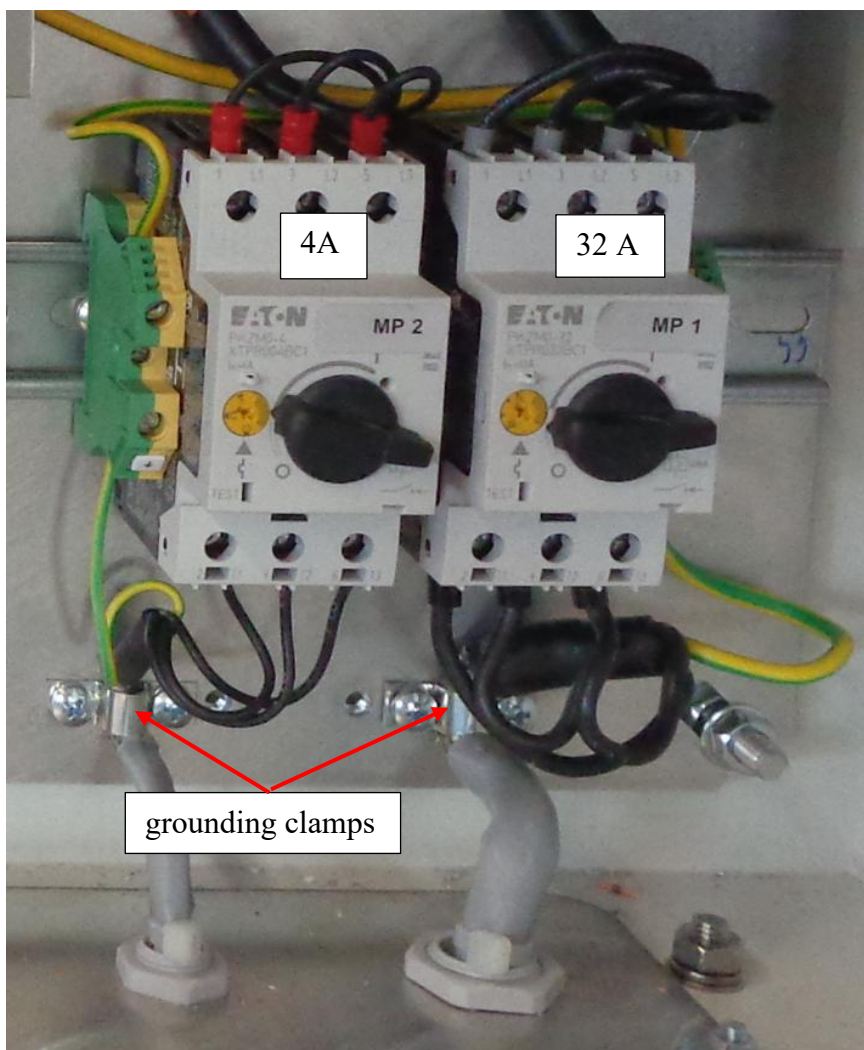
45700036	M5 st.st washer "L" type	20	Pcs
45300066	M5x16 Hexagon Head Screw St.St.	20	Pcs



11. Electrical Box



Connect the 32 Pin industrial plug „MK.F” and „MK.A” to electrical box. Trigger safety levers to secure connections



- Connect wiring of 15kW shredding Motor to 32A Overload protector
- Connect wiring of 0,7kW Turning Motor to 4A overload Protector.
- Use grounding clamps for the wires

Numbering on motor cables	Overload Protector
1	T1
2	T2
3	T3
GND	GND

Warning! Mixing up the connection causes massive damage in the electronic components!

12. Ceiling Connections



Mount wiring of safety switch to cable grabbers!



Place safety switch to its socket!

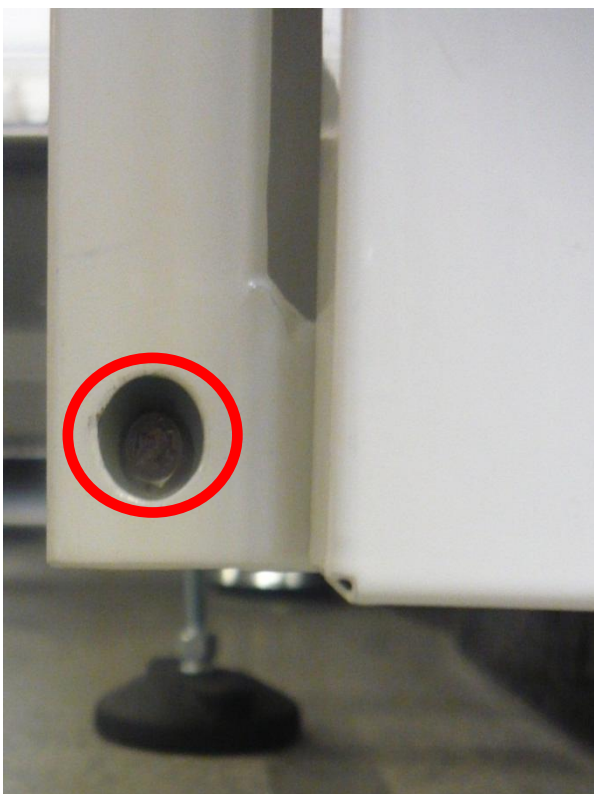
Connect 4Pin plug of ceiling light!



Tighten screws and nuts to secure safety pin's position!

13. External Frame Reinforcements

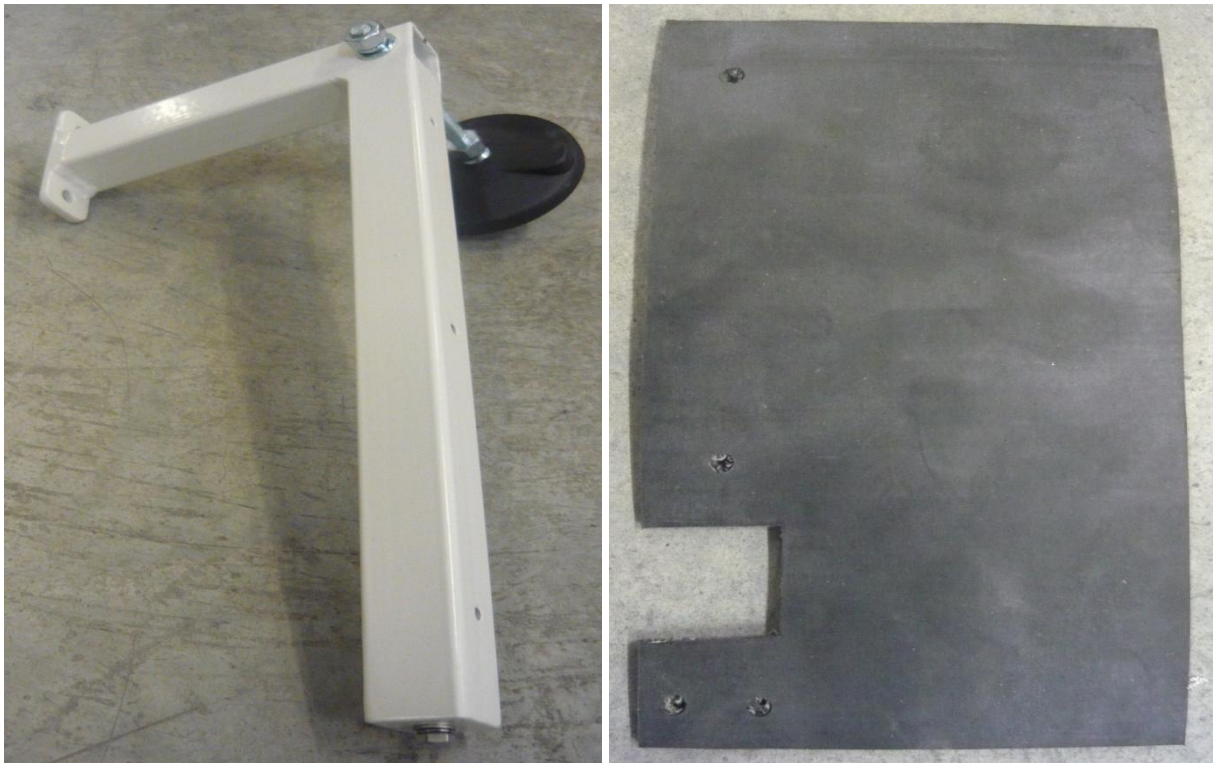




Install right side frame reinforcement and secure its holding screws!



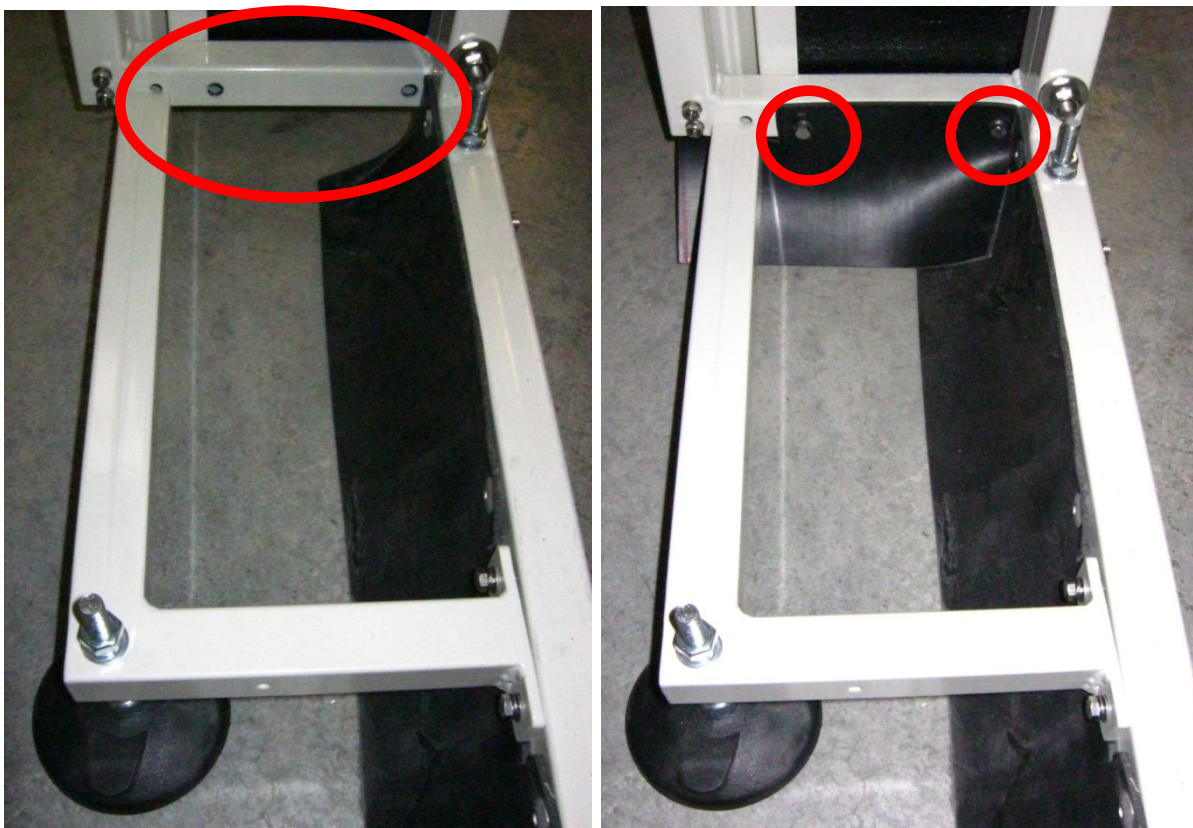
Mount rubber matt o the frame and secure its holding screws!



Install left side frame reinforcement!

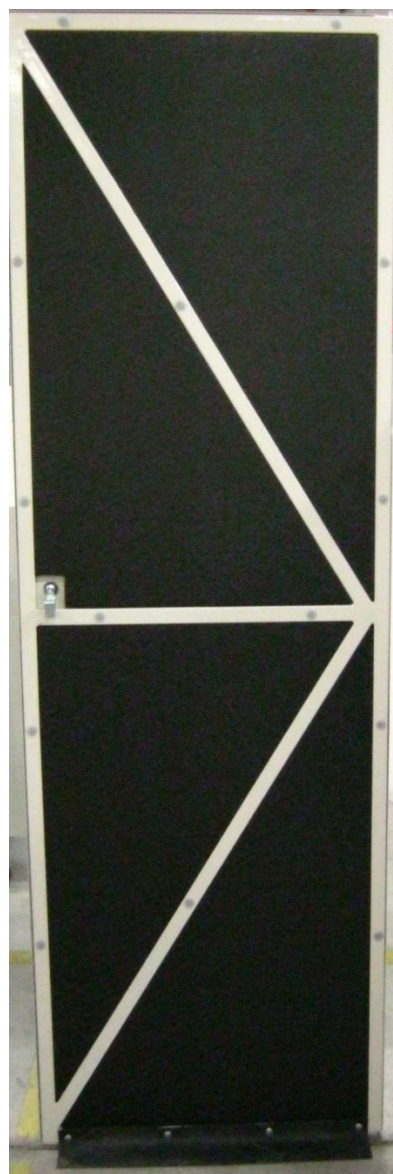


Secure left side frame reinforcement's holding screws



Mount rubber mat on the frame and secure its holding screws!

14. Door Frame



Install and door frame to external frame!
Use the bolts and nuts to adjust and fix the hinge and the door's position!

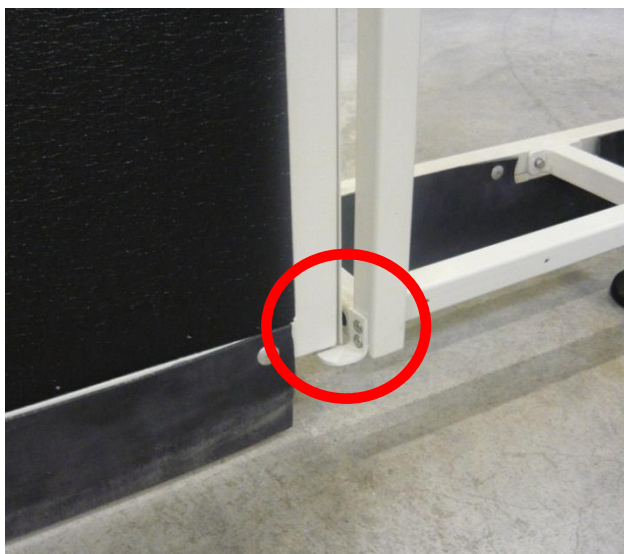
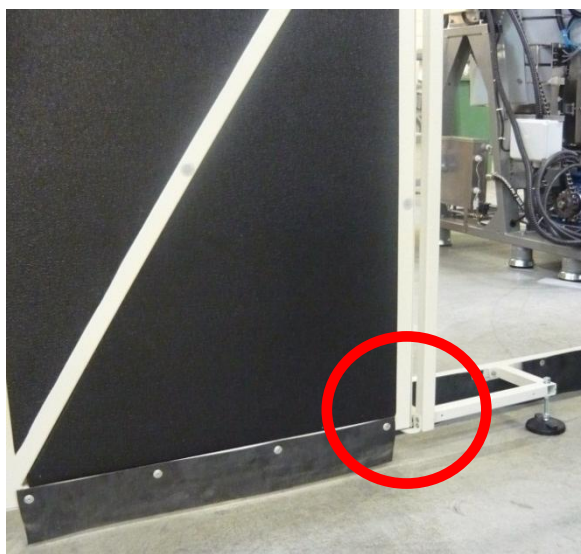
05300099	M5x35 St.St. A2 countersunk screw	2	Pcs
15400007	M5 st.st. hexagonal nut D934 (1987)	2	Pcs
15700018	M5 st.st washer D125-1A	2	Pcs
45700037	M5 st.st. spring washer DIN7980	2	Pcs



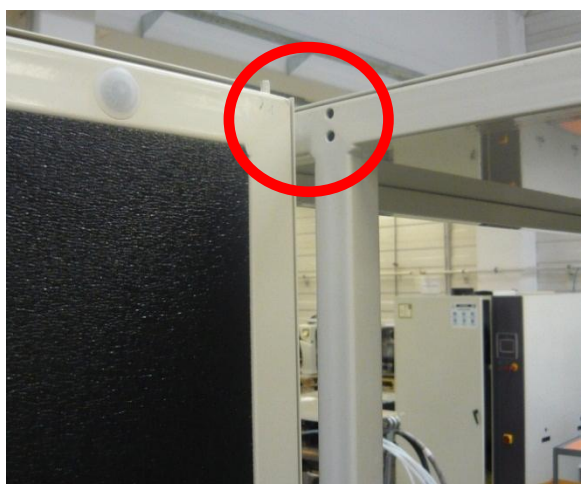
Celitron Medical Technologies Kft. Nádas utca 2., 2600 Vác, Hungary

Phone: + 36 70 643 8995 EU VAT No. : HU13552710 VAT No. : 13552710-2-13

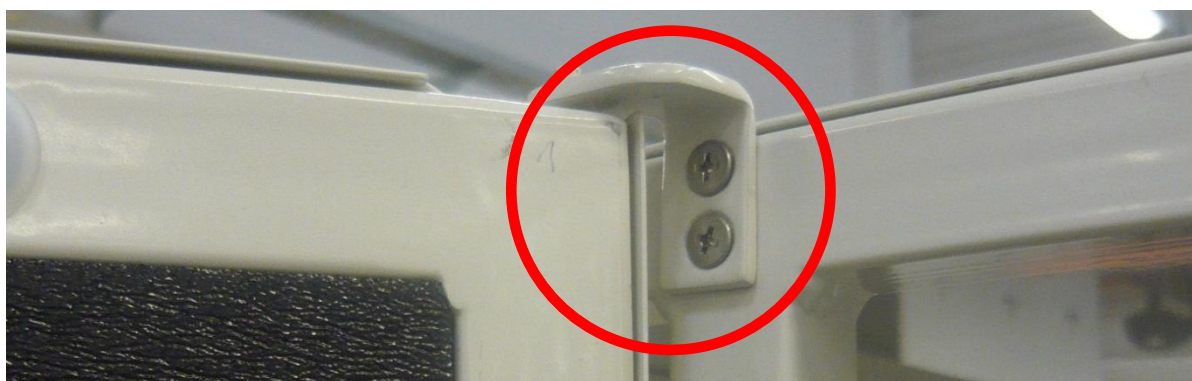
E-mail: info@celitron.com Web: www.celitron.com



Hook the hinge into the door frame's socket!

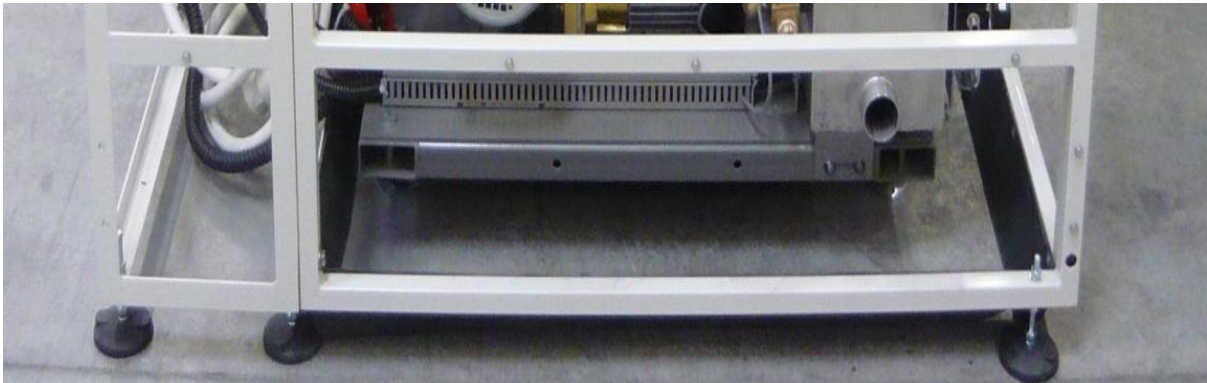


Hook the hinge into the door frame's socket!



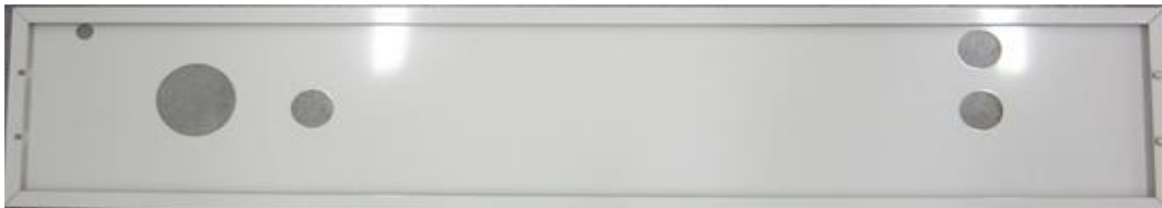
Secure Upper hinge by tighten its screws and nuts!

15. Rear Panel



Slide the rear panel to the rear external frame's keyhole pins! Use the bolts to fix the panel's position! The fixing parts are pre-installed into the panel!

15700018	M5 st.st washer D125-1A	2	Pcs
45300066	M5x16 Hexagon Head Screw St.St.	2	Pcs
45700037	M5 st.st. spring washer DIN7980	2	Pcs

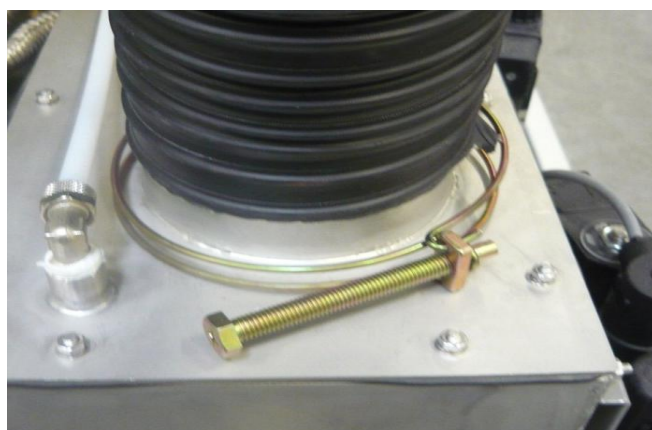
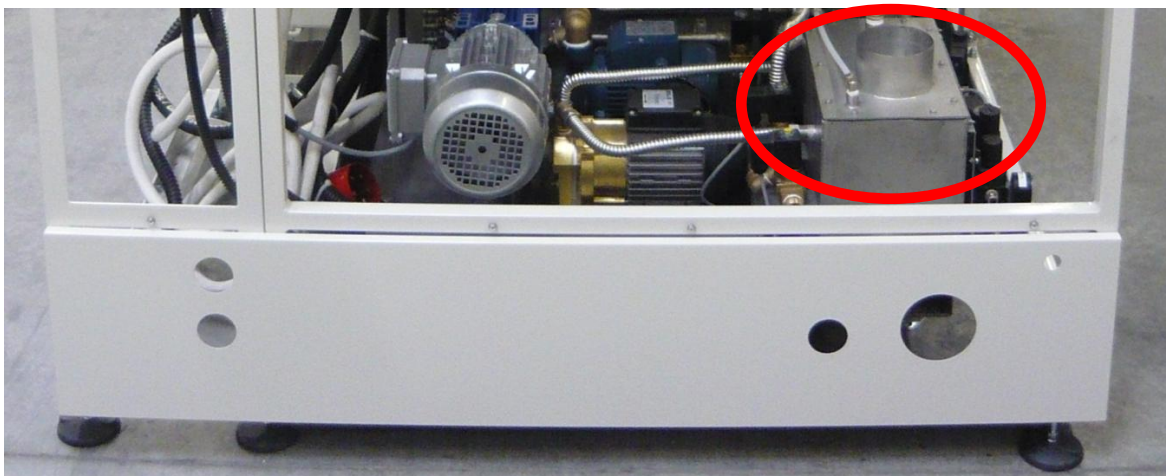


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16. Exhaust Hose

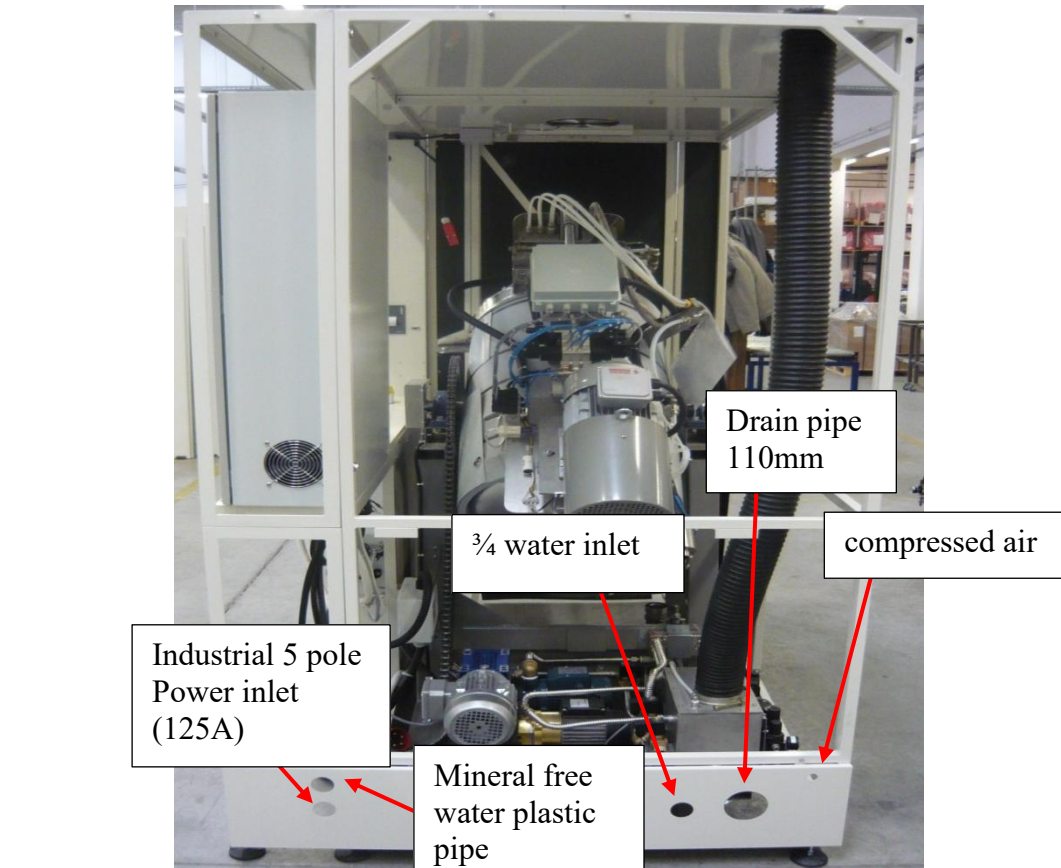


Mount exhaust hose to drain box!
Use the binders to fix the position
of the exhaust hose!

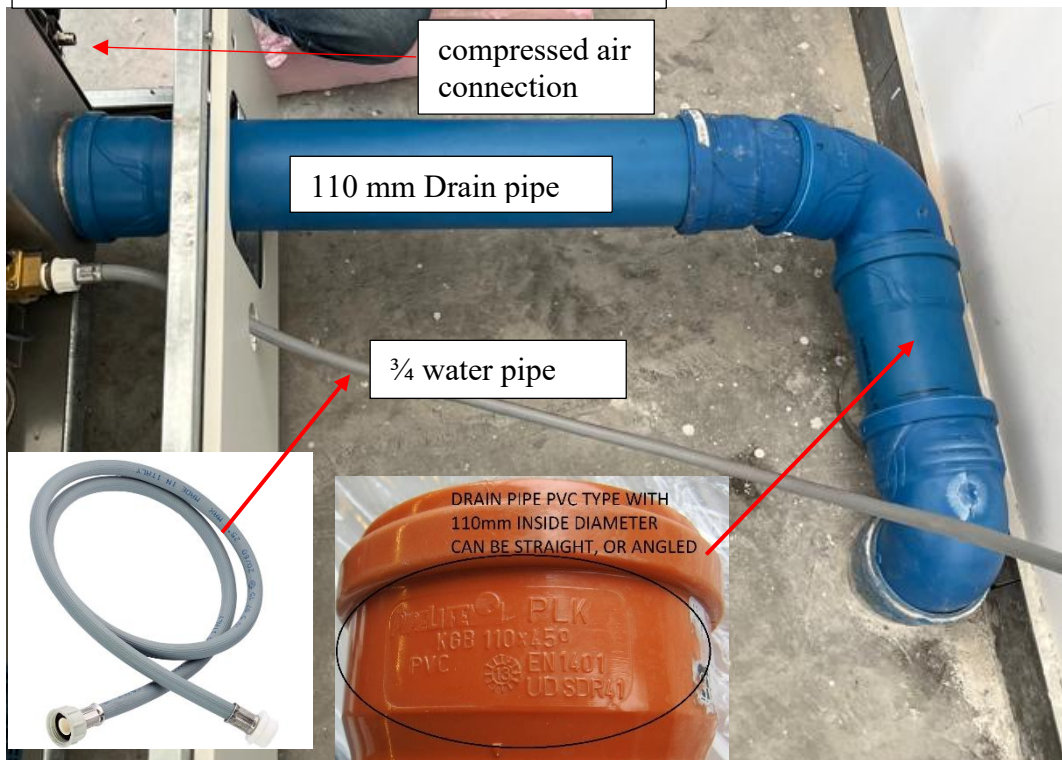
49000082	Binder with wire 110mm	2	Pcs
49000108	Heat-proof cone hose 100/104mm st. coiling	2	m



17. Utility connections



Connect the drain and water pipe



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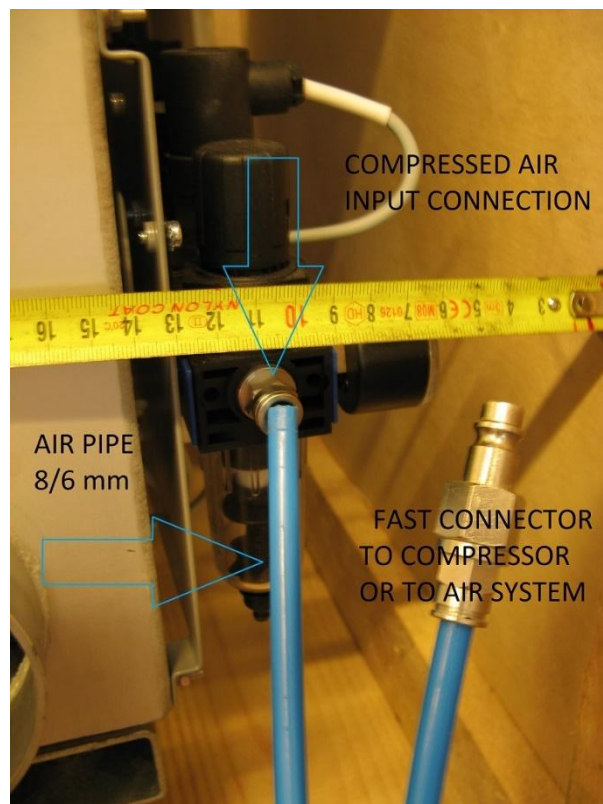
VAT No. : 13552710-2-13

E-mail: info@celitron.com

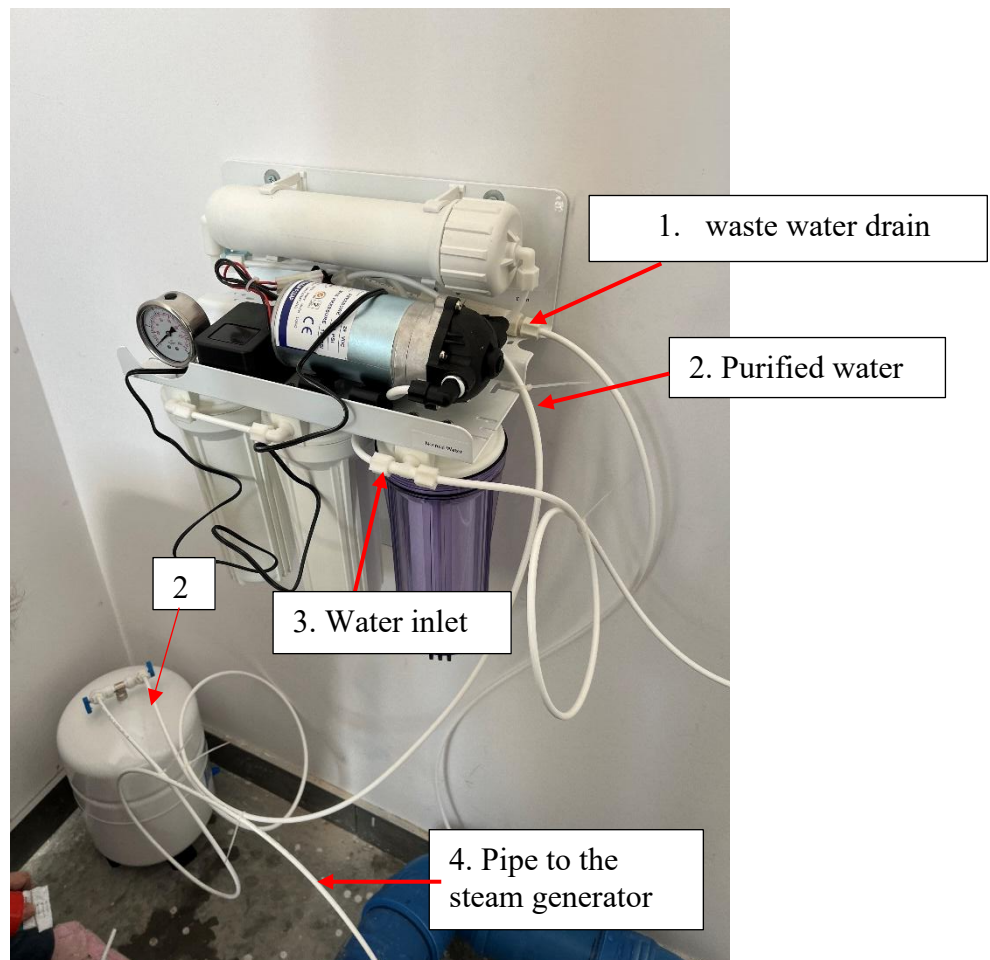


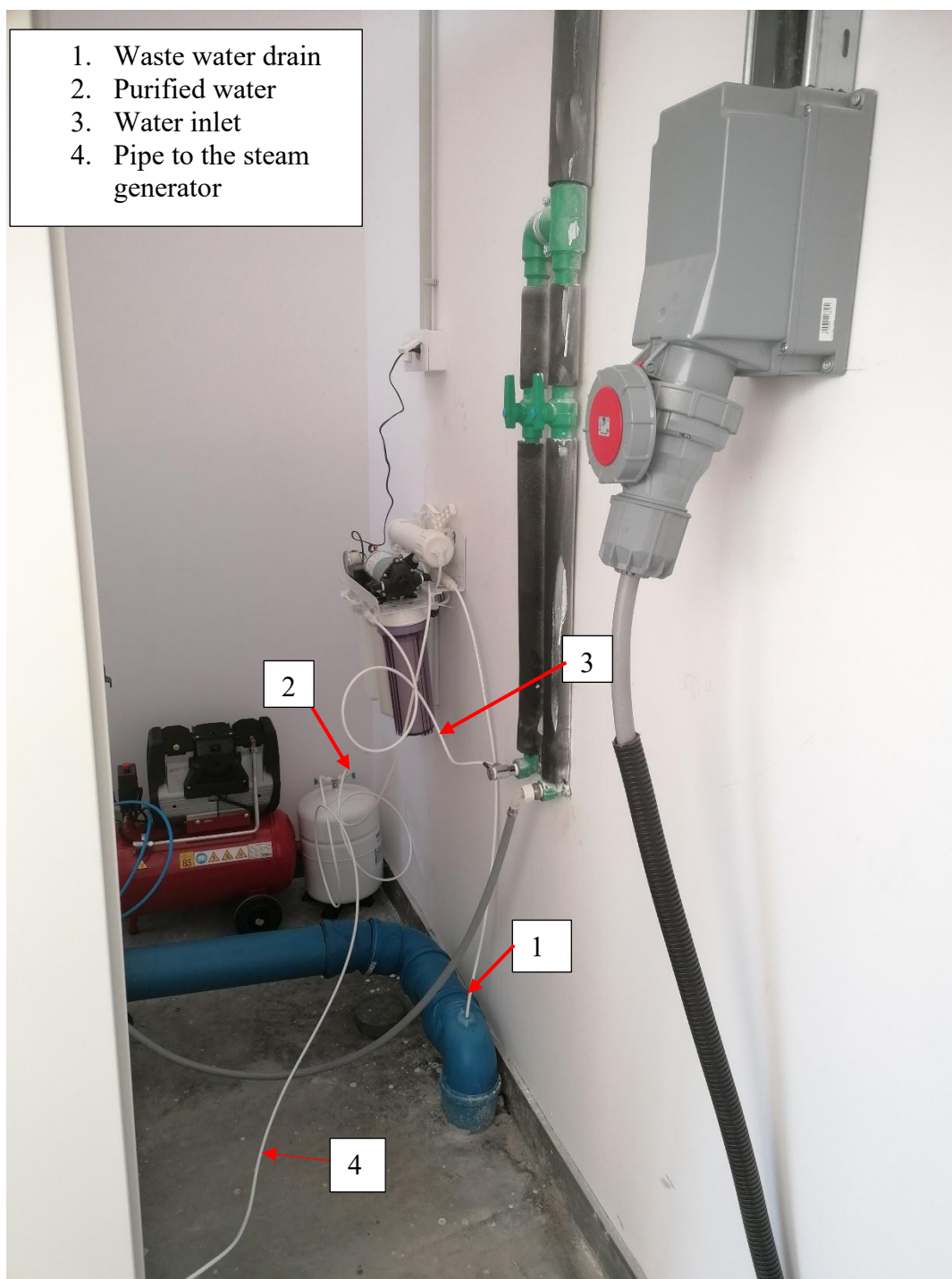
Web: www.celitron.com

Connect the compressed air pipe to the machine compressed air input.



Connect the RO system to the steam generator proper input. A more detailed description on the Ro system is attached to the ISS documentation





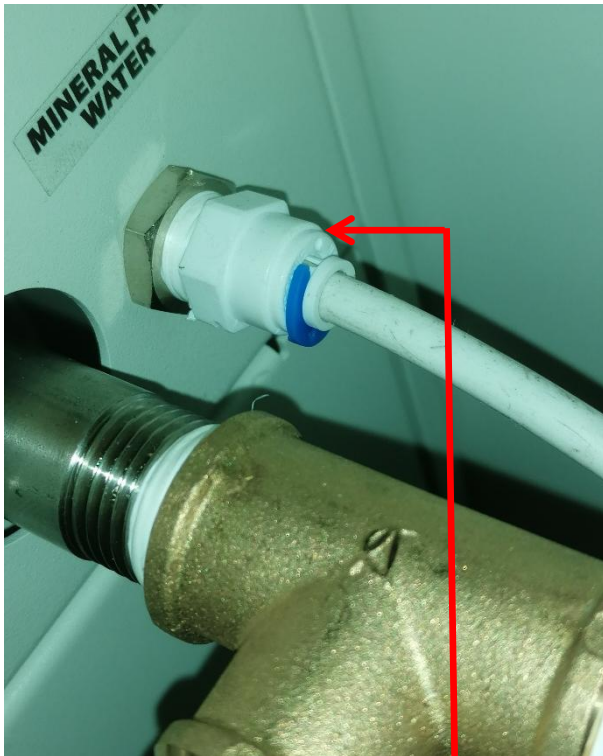
18. Steam Generator



Connect the flexible hose to steam generator!



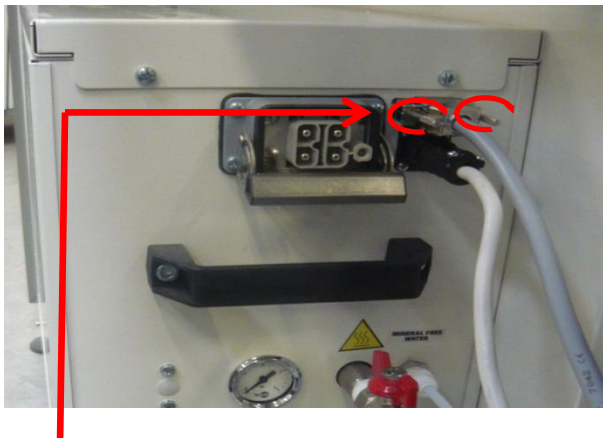
Open ball valve of steam source!



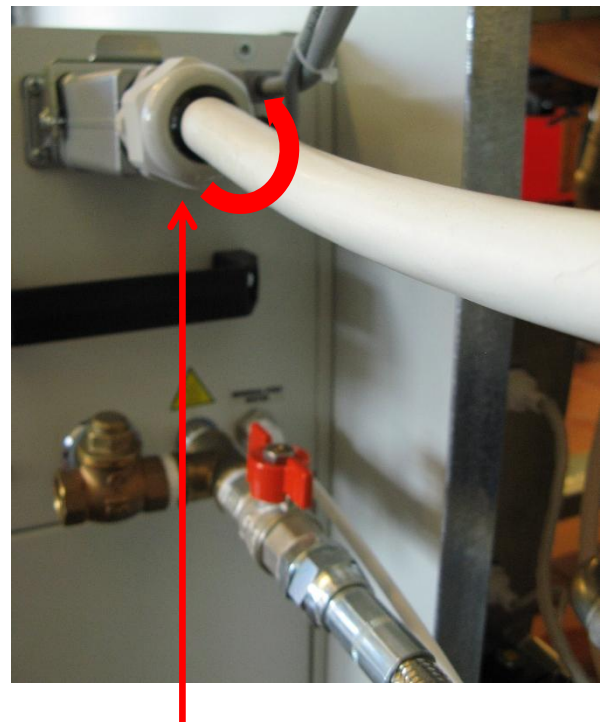
Connect Mineral Free Water Inlet!



Connect and secure 4Pin AMP round plug and secure its position!



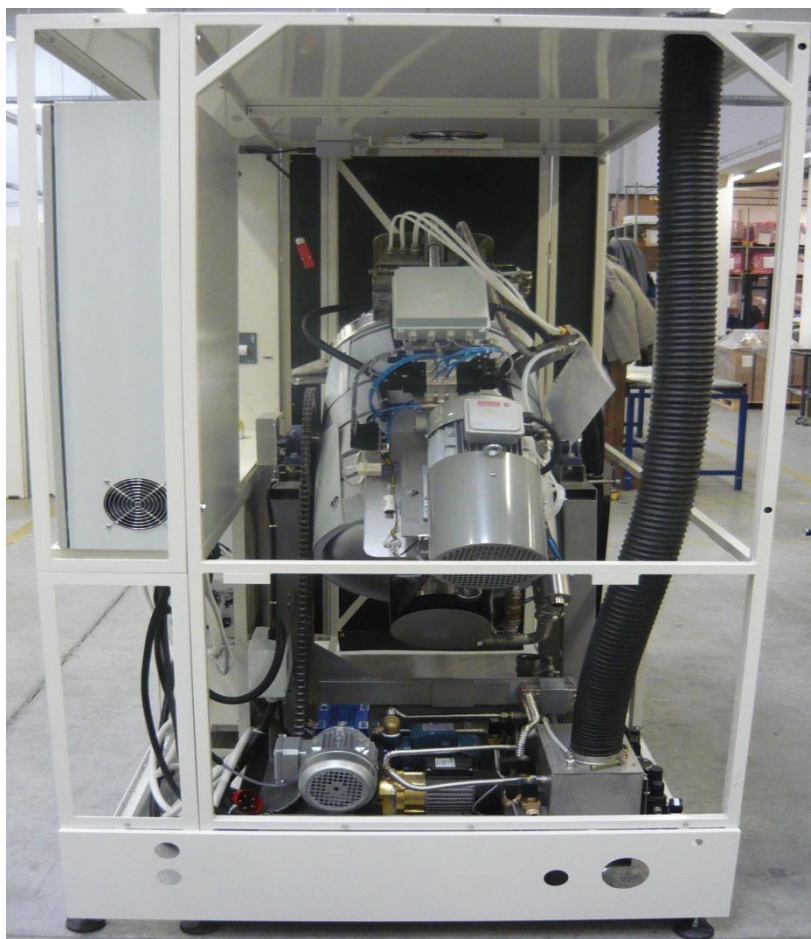
Connect and secure 15Pin D-Sub communication port



Connect and secure 4 Pole 63A HDC plug



19. Rear Covers



Install rear covers!





Lift the left rear covers above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins!

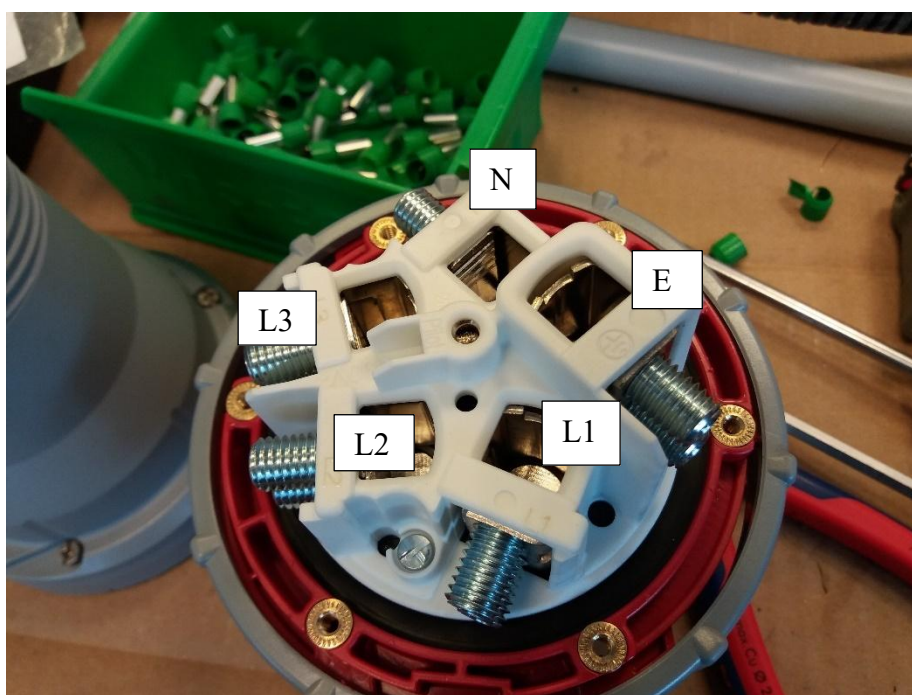
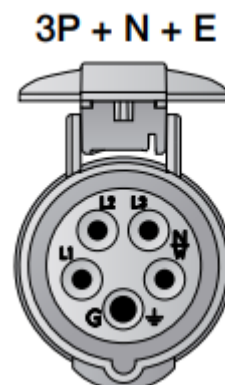
Use the locker to secure the cover's position!



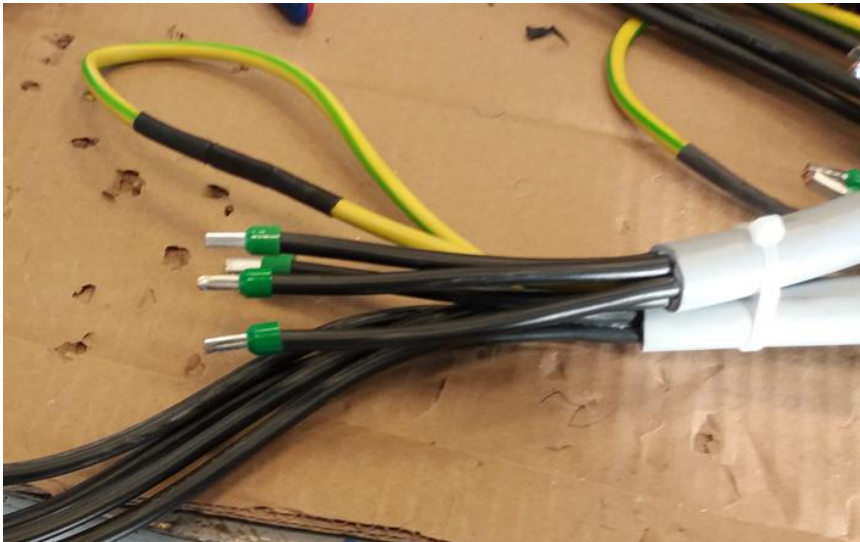
Lift the left rear covers above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins!

Use the locker to secure the cover's position!

20. Industrial Round Plug



Install the round plug's sealings and fixing parts according to the picture!

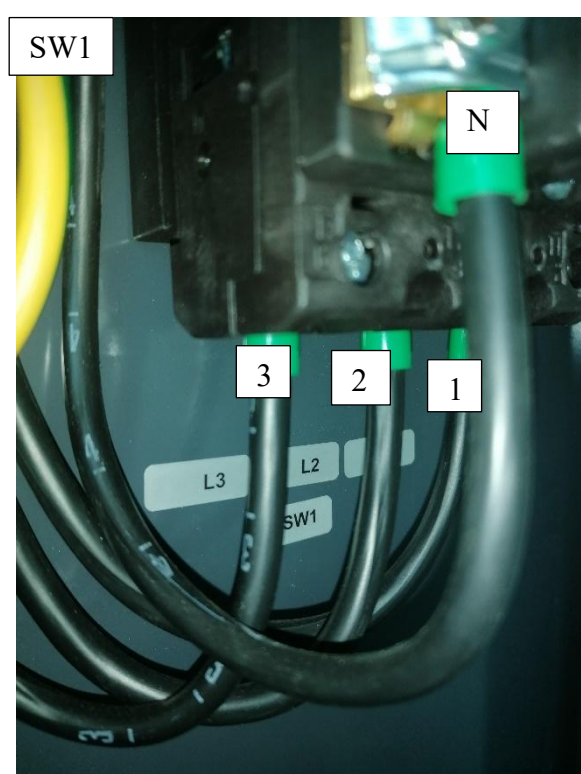
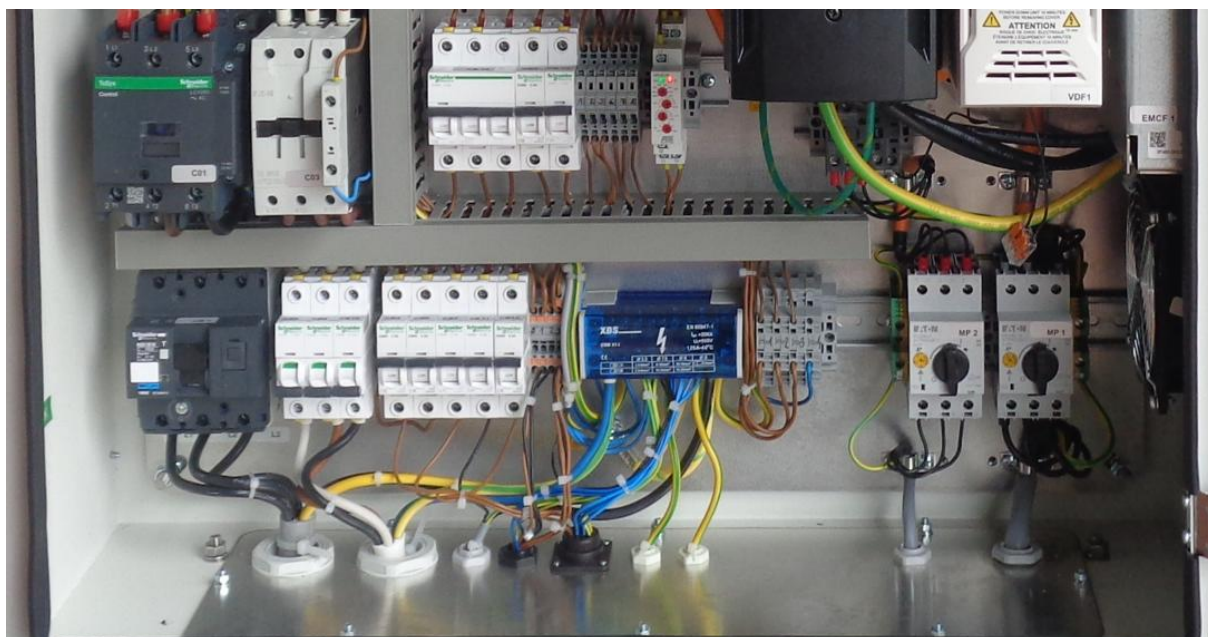


Connect wiring into the plug's electrical sockets according to the sign of the plug!

Warning! Mixing up the connection causes massive damage in the electronic components!

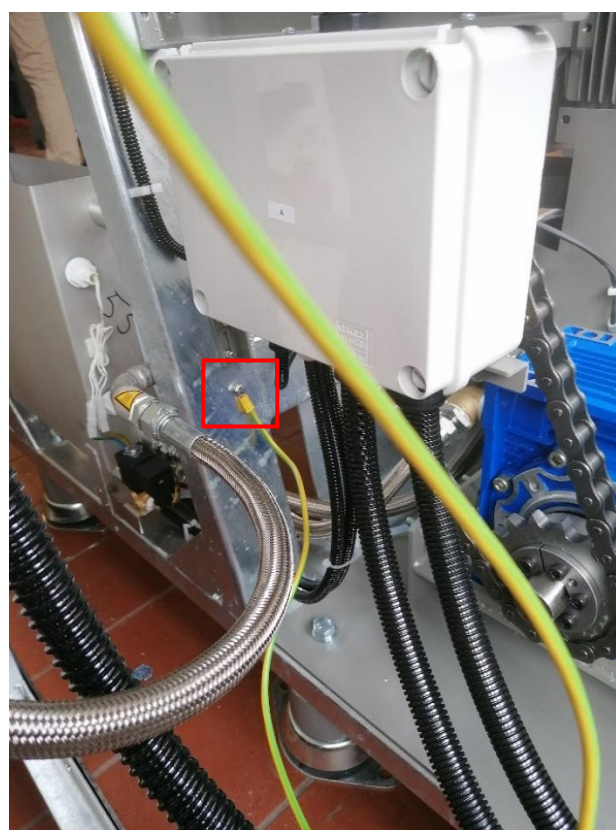
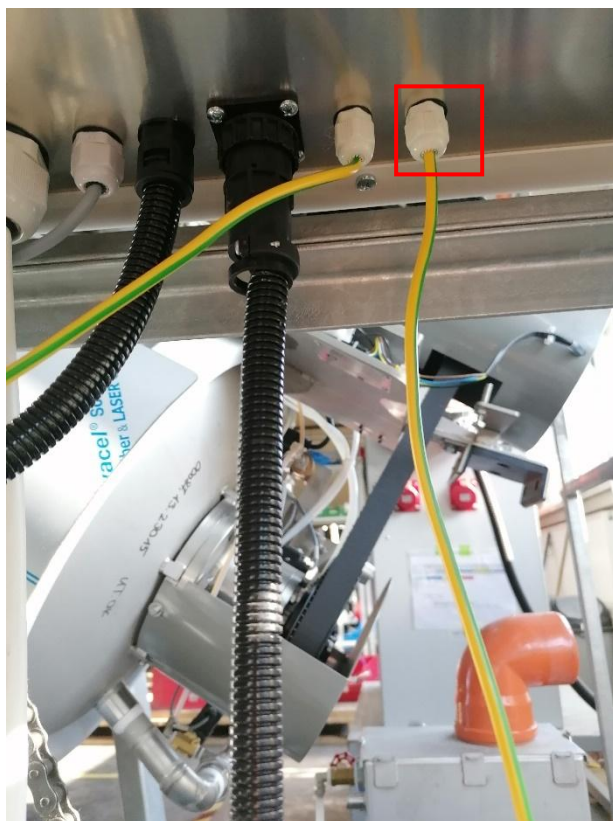
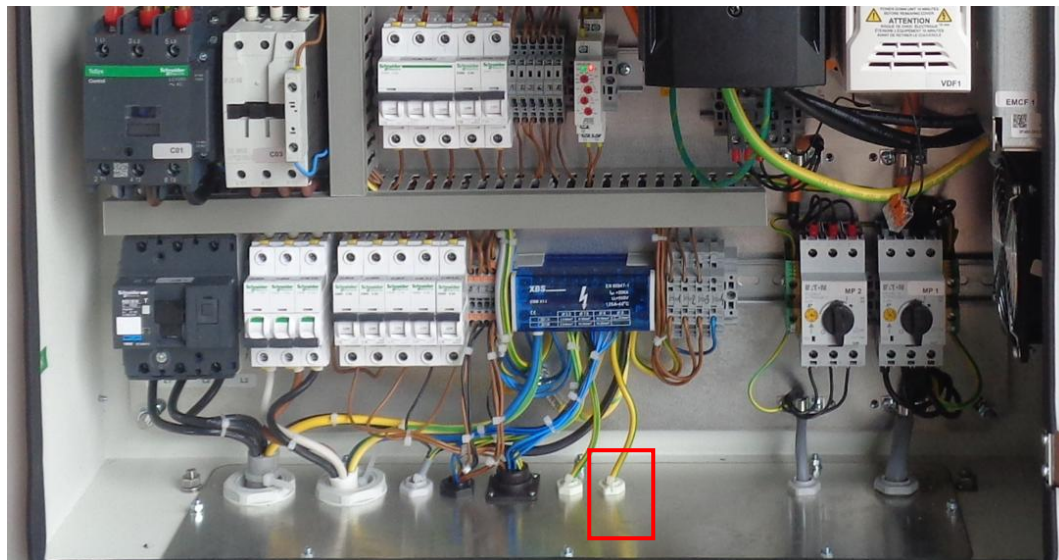
Plug markings	Cable colors
L1	Black
L2	Black
L3	Black
N	Black
GND	Yellow/Green

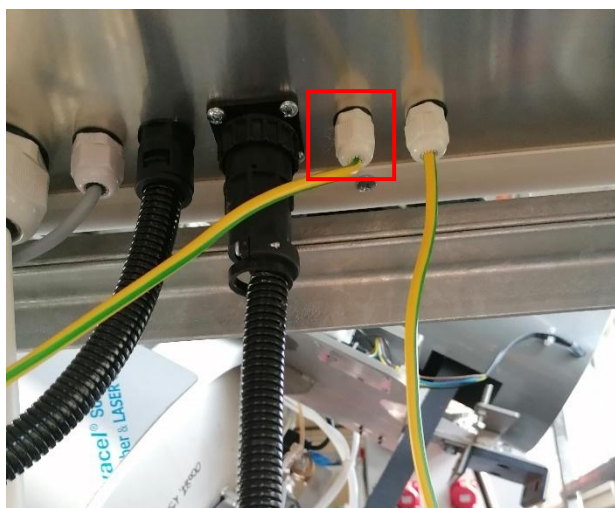
Connect the main power input cables L1, L2, L3 and the N (neutral) to the SW1 (main power switch which is situated on the back of the front panel.)



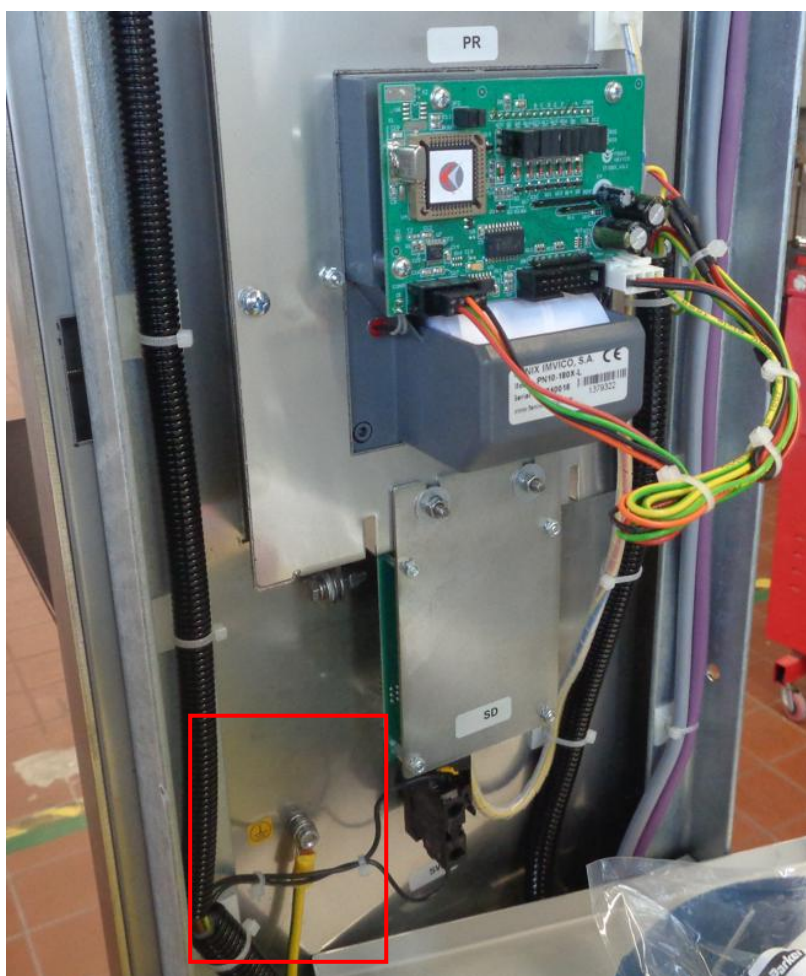
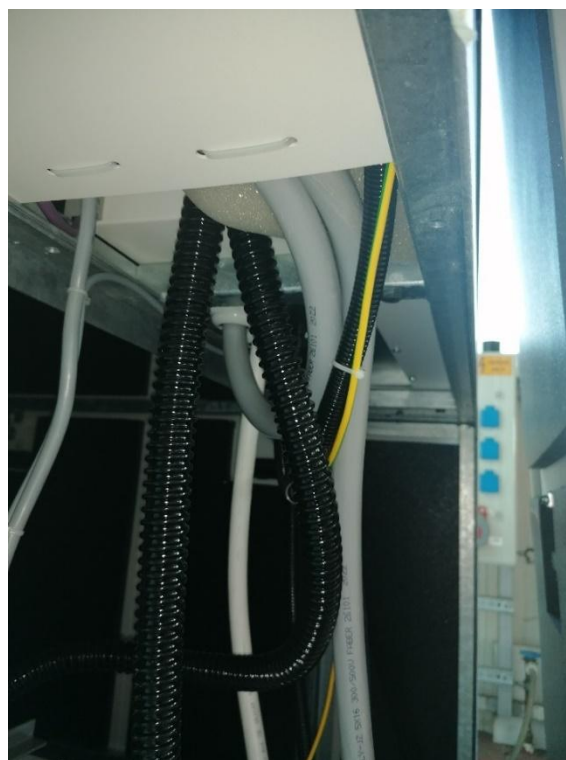


Connect the grounding wire to the frame of the shredder.





Connect the grounding wire to the back of the front panel.

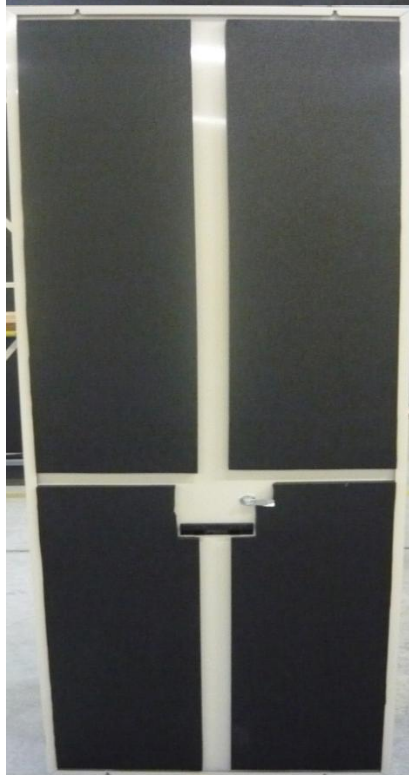


21. Left Side Covers





Lift the left side cover No.1 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!



Lift the left side cover No.2 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!



Lift the left side cover No.3 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!

22. Right Side Covers





Lift the right side cover No.1 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!

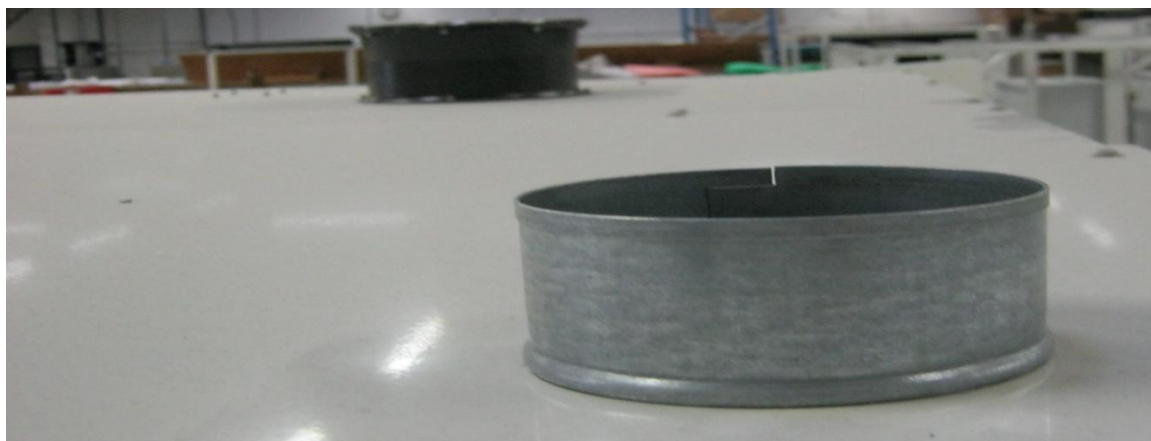


Lift the right side cover No.2 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!

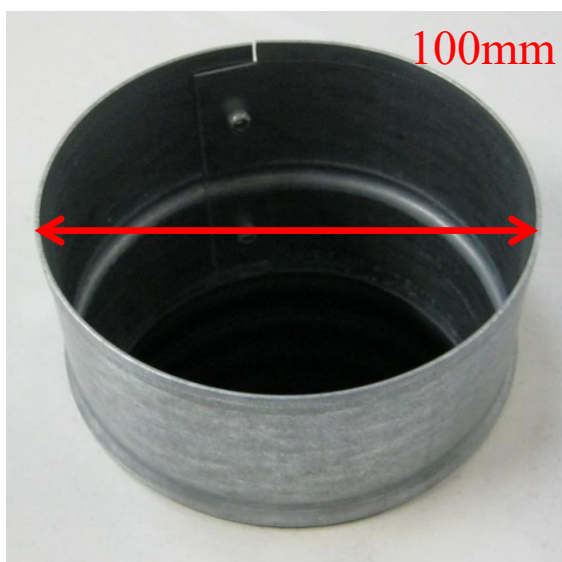


Lift the right side cover No.3 above the keyhole pins, push the cover towards the rear frame and slide it down so the sockets can connect with the keyhole pins! Use the locker to secure the cover's position!

23. Air discharge



Create connection between 255mm Air Ventilator and local air discharge system.



Create connection between 100mm Exhaust pipe and local air discharge system.

I. Contact Support



Should you have any question or query, please do not hesitate to contact us at:

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Phone: +36 70 643 8995

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