Presentation

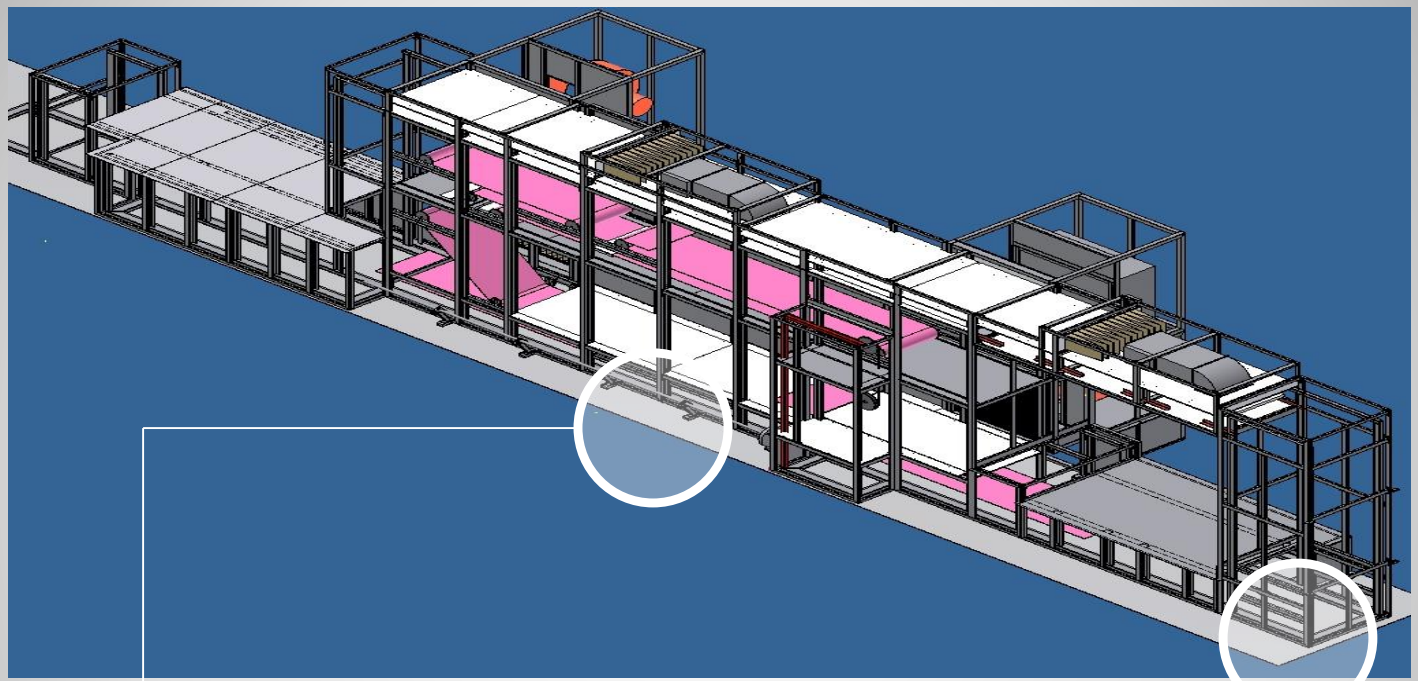
Modernisation of moulding line

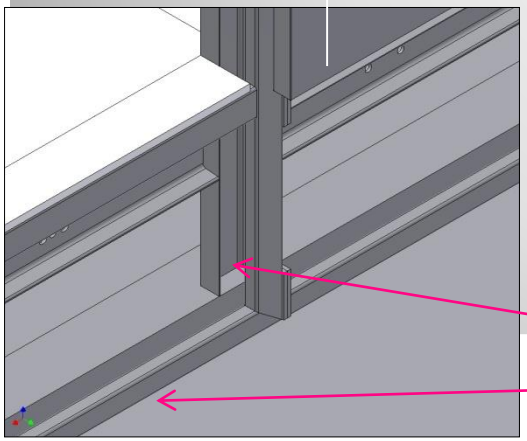
LEKOS
CONFECTIONERY MACHINES

Scope of project:

- Dismantling of existing covers
- Dismantling of existing cooling components /coolers, fans,filters, air ways beside cooling cabinet/
- Dismantling of existing components of tempering box /heating channel/
- Assembly and installation of new stainless steel frame
- Installation of new covers
- Assembly of new cooling components and modernisation of cooling box
- Assembly of new respective components of tempering box and its modernisation

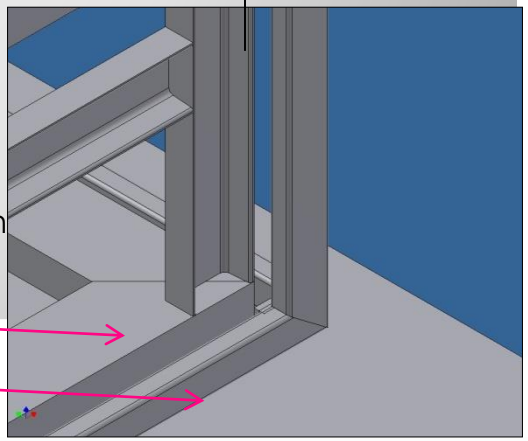
Assembly and installation of new stainless steel frame



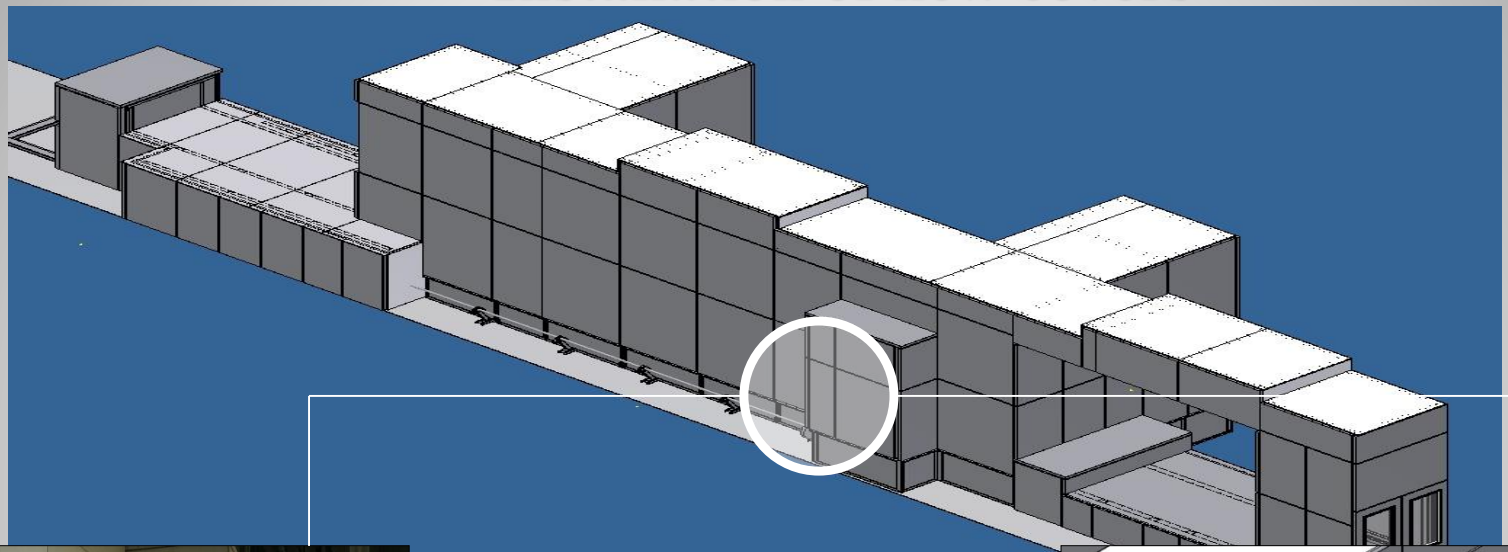


-existing steel frame is kept
-new stainles steel frame is installed over existing frame
-gap between frames on the floor will be created = 50 mm at least / on certain places the result is larger gap /

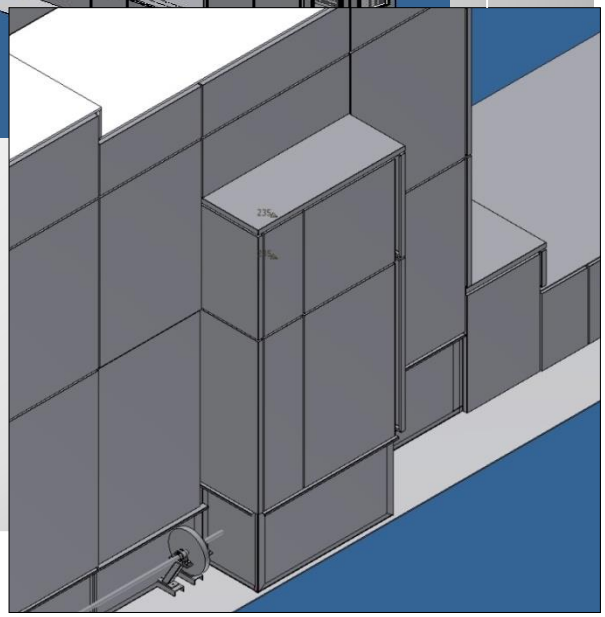
Existing frame 60 mm height
New frame 60 mm height



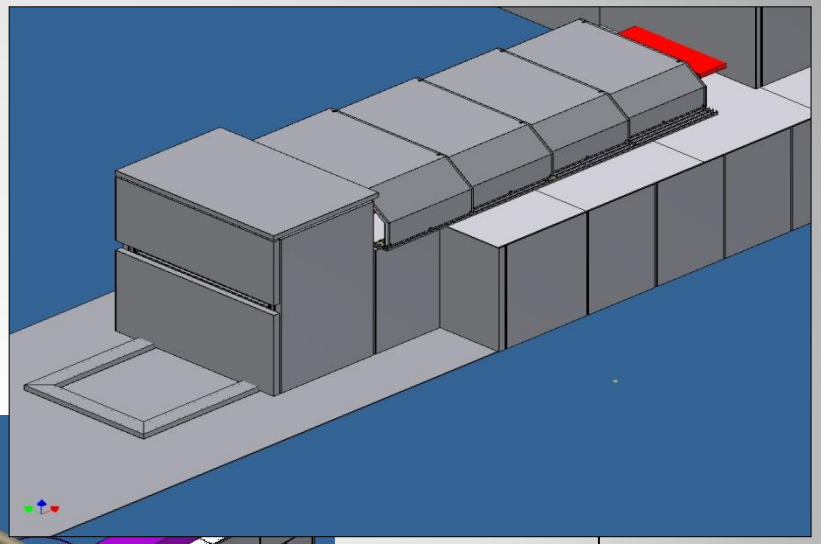
Installation of new covers



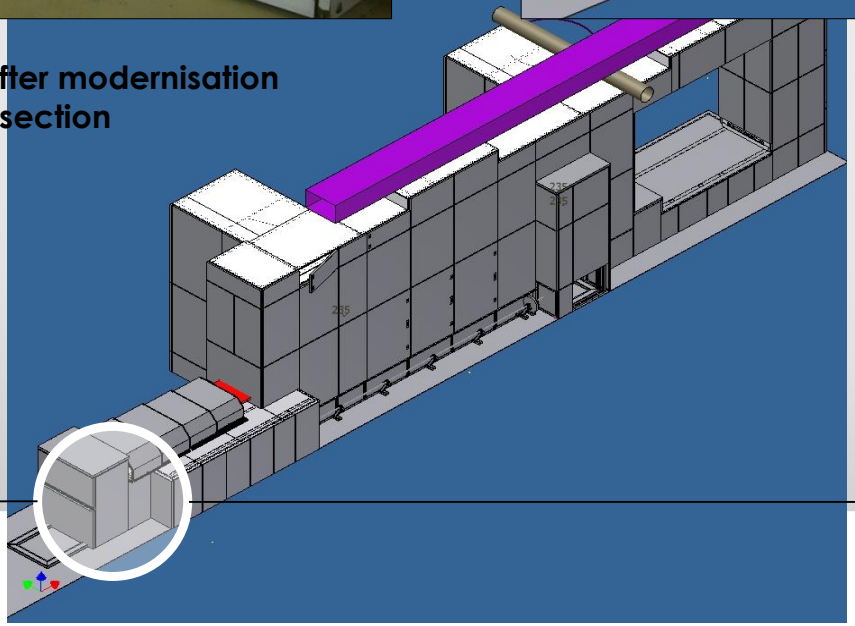
-before and after modernisation



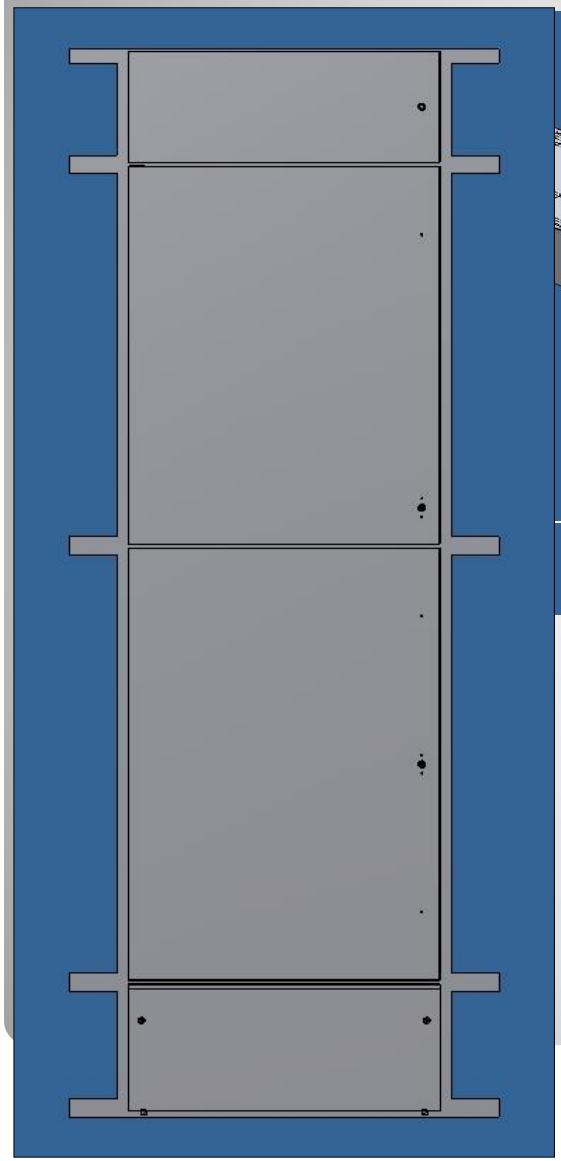
Installation of new covers

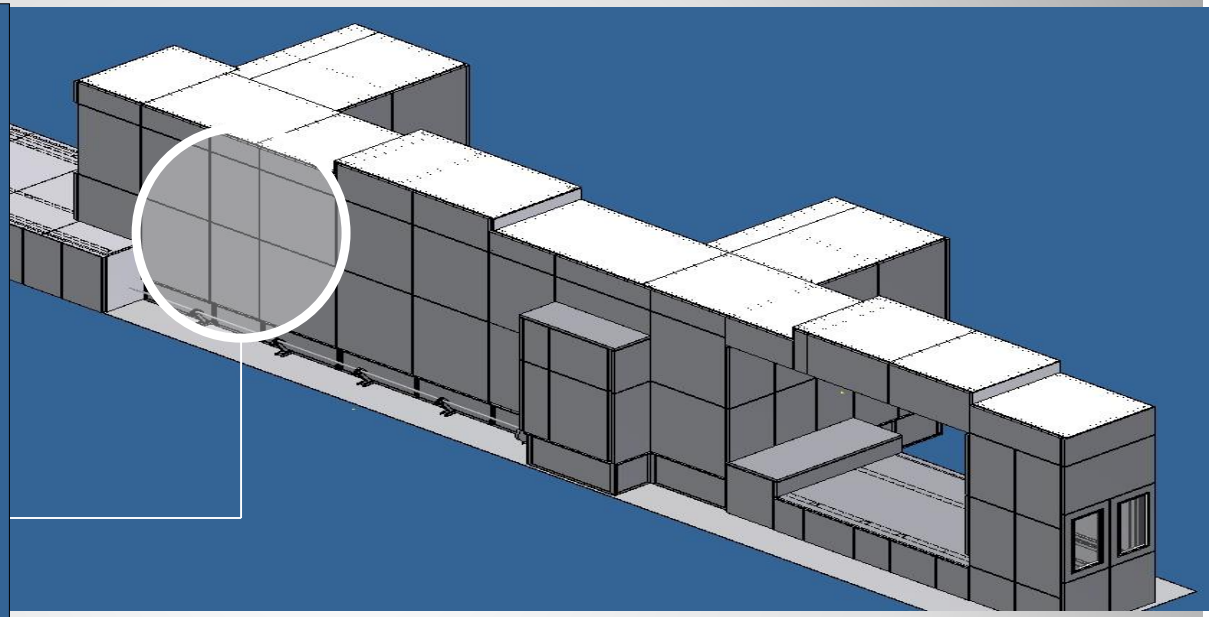


-before and after modernisation demoulding section



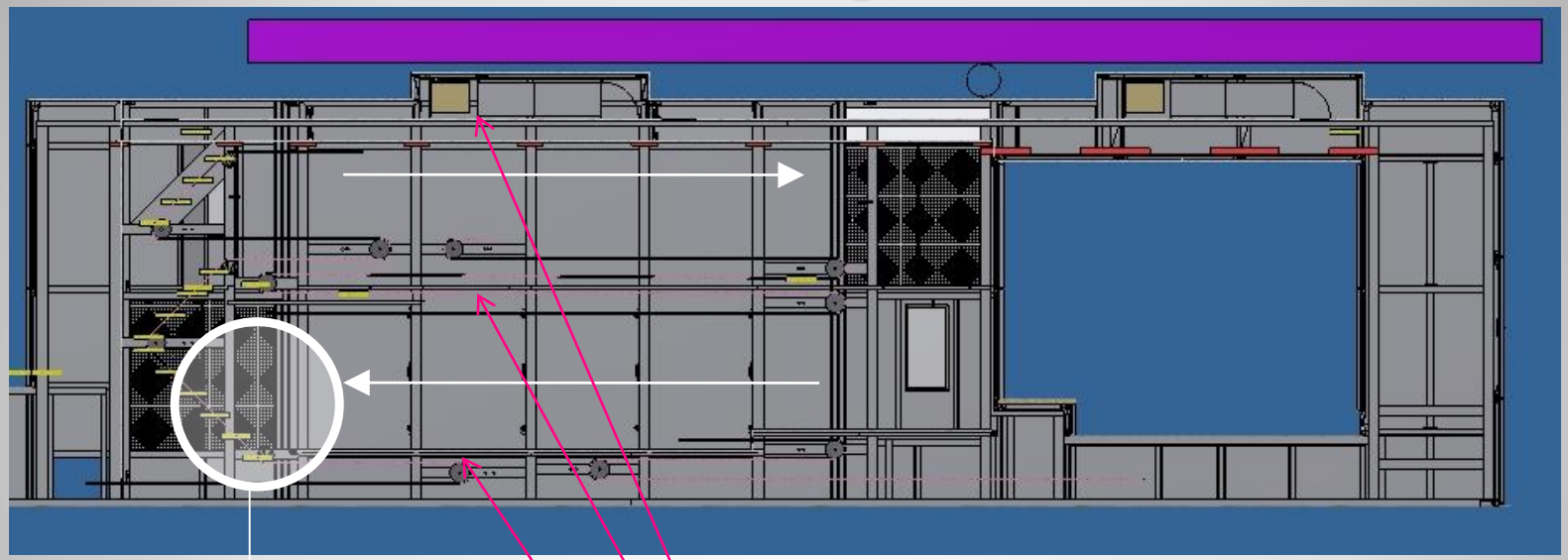
Installation of new covers

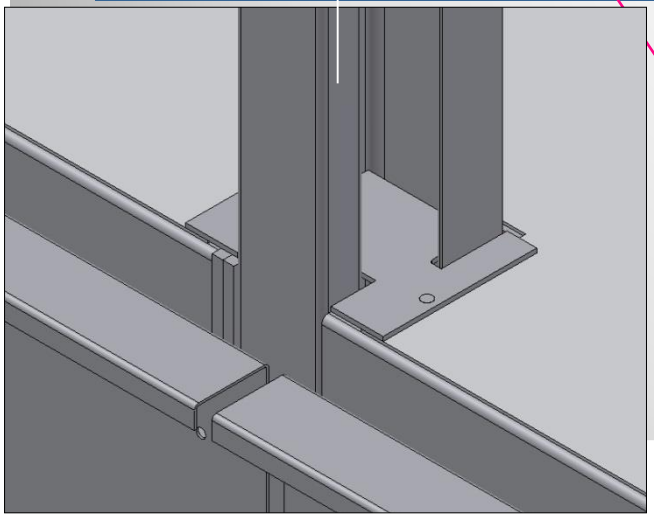




-design of doors in area of cooling box and tempering tunnel

Assembly of new cooling components and modernisation of cooling box





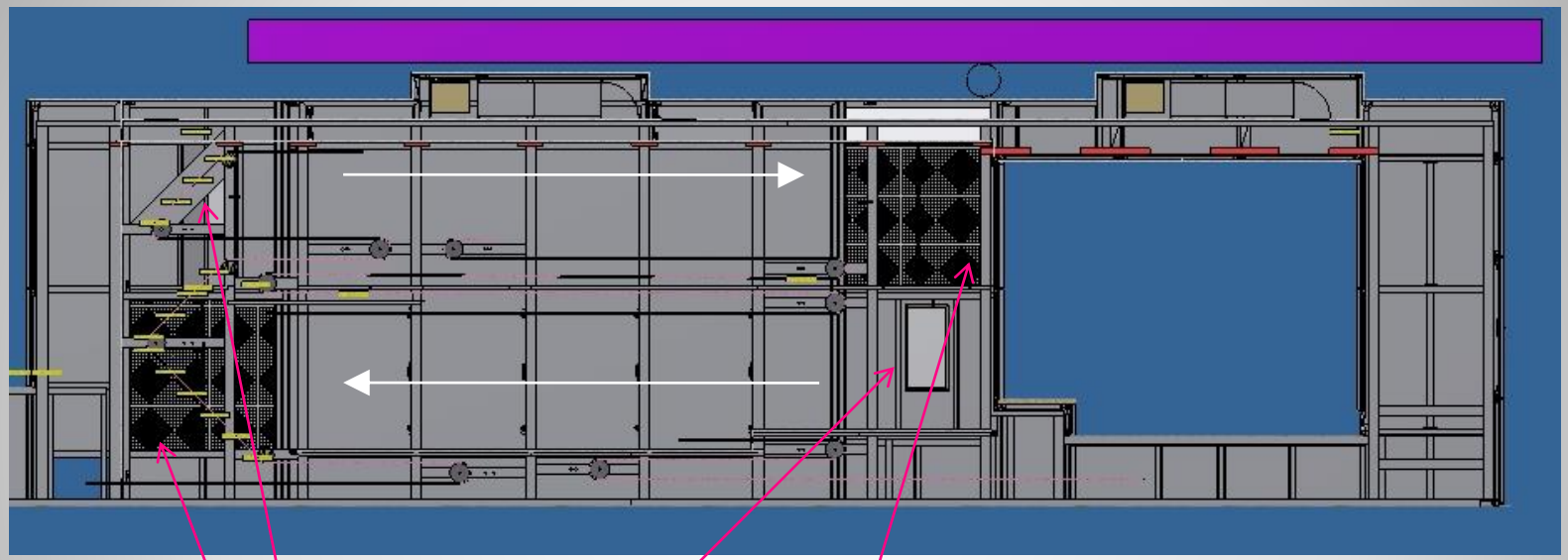
top insulating layer

seprating sheet – separation of 1st and 2nd cooling section

bottom insulating layer

air flow direction

Assembly of new cooling components and modernisation of cooling box



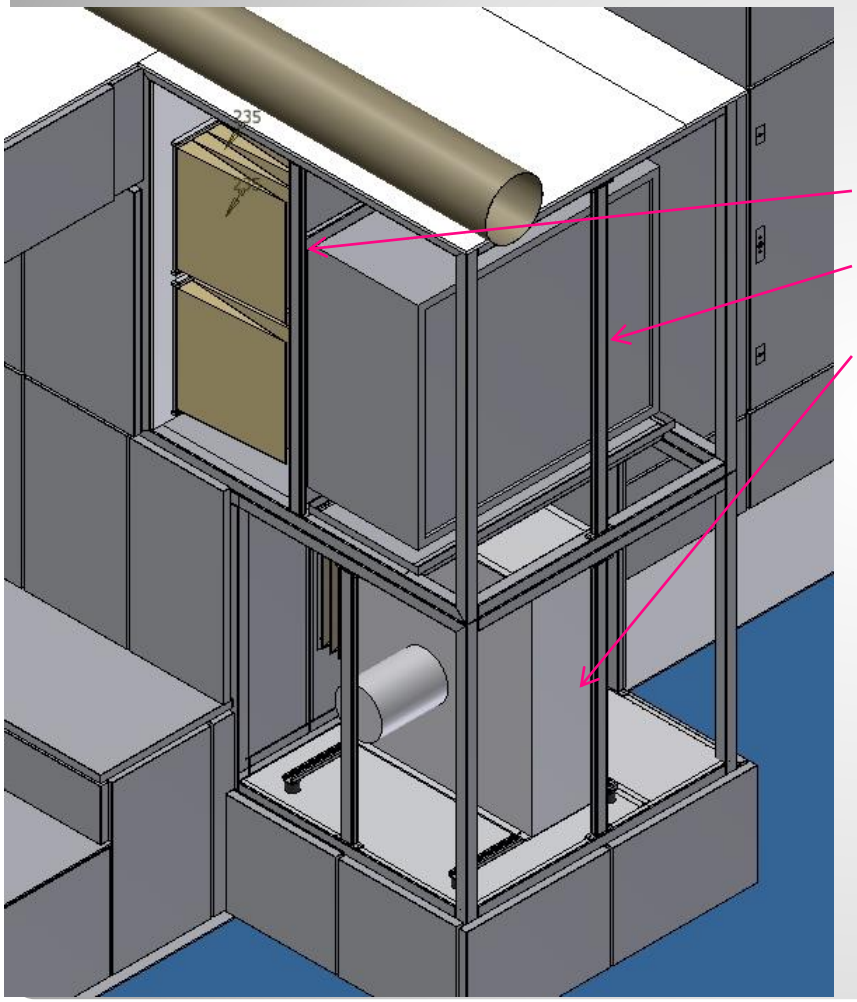
output from fan

perforated stainless steel sheet

output from fan

perforated stainless steel sheet

Assembly of new cooling components and modernisation of cooling box



filter EU3 – removable from its frame

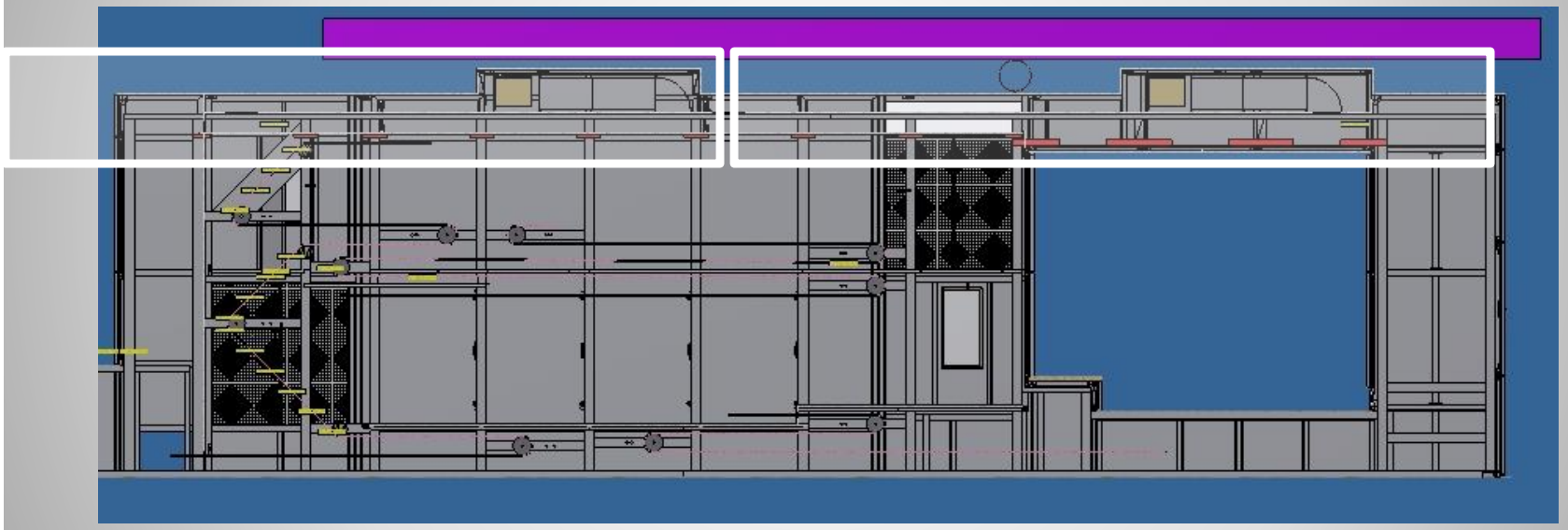
cooler

fan

Assembly of new respective components in tempering box and its modernisation

- tempering tunnel is split to two independent tempering zones

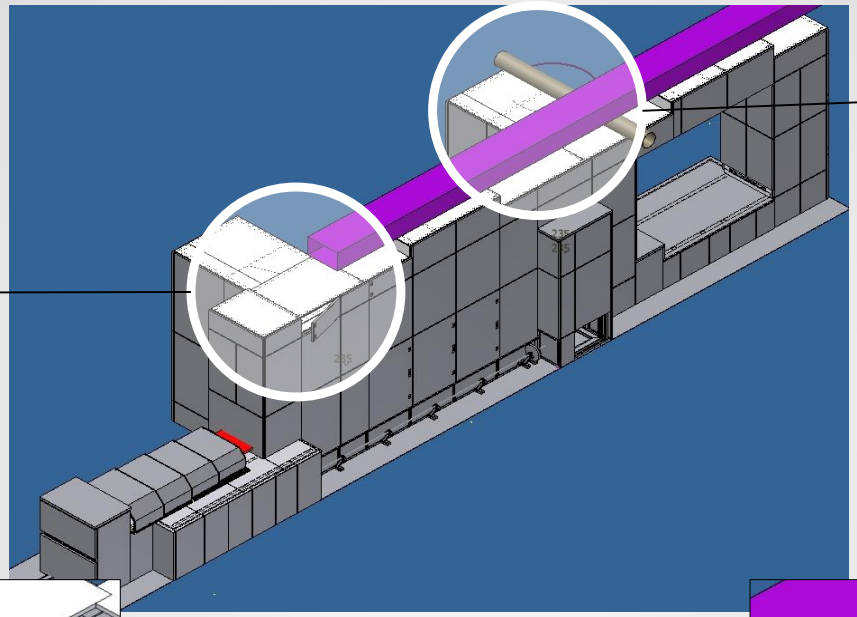
1st tempering zone **2nd tempering zone**

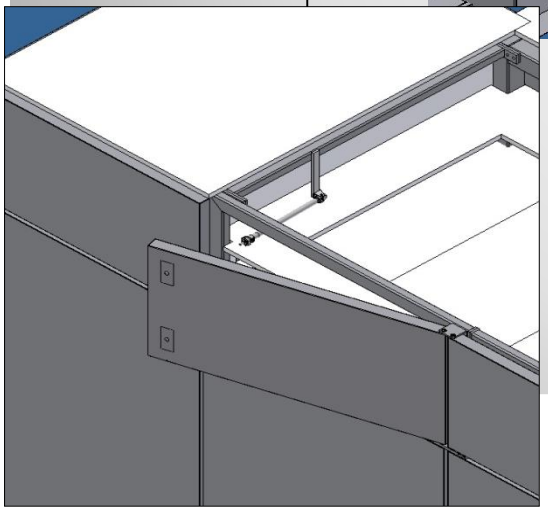


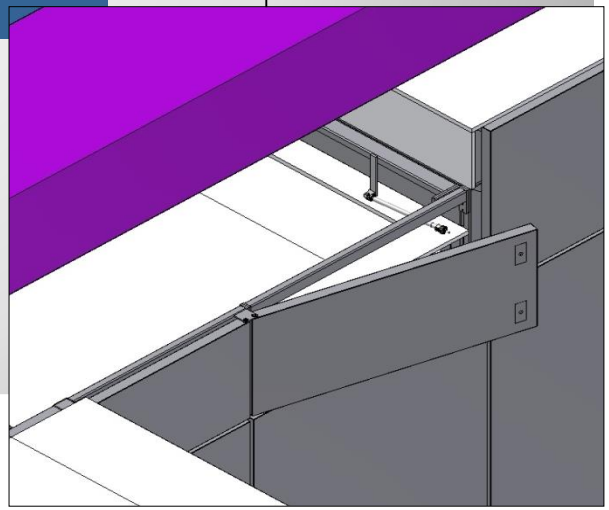
-each zone is equipped with own filter, electro heater and fan
-it is designed for independent temperature regulation in each zone

Assembly of new respective components in tempering box and its modernisation

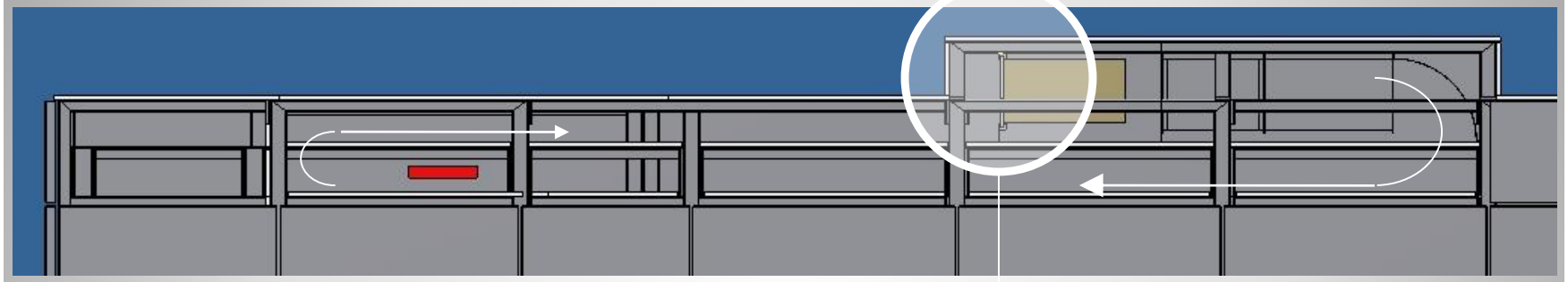
-each zone is equipped with two openable doors in case of line stopping

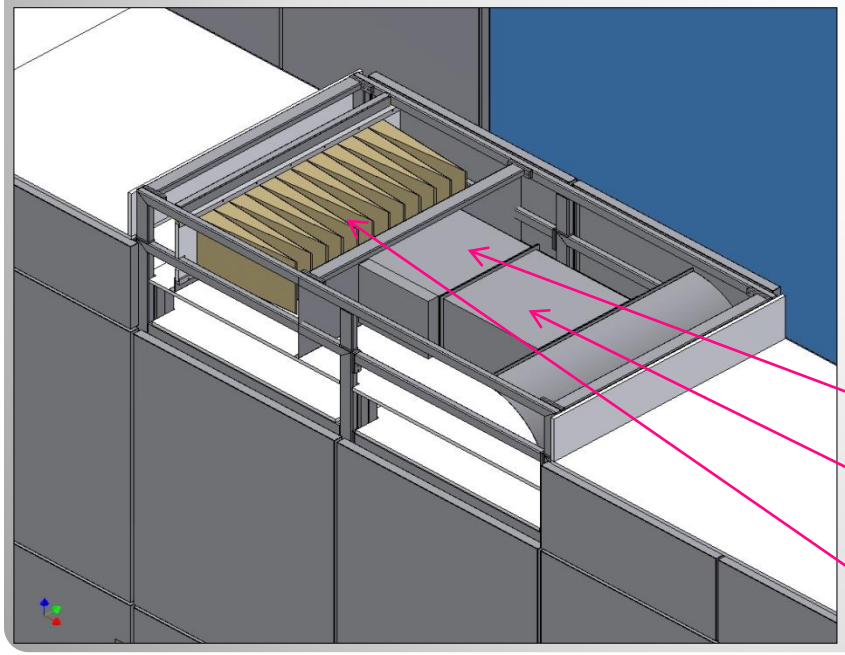






Assembly of new respective components in tempering box and its modernisation





electro heater

fan

filter EU3 – removable from its frame

Modernisation of moulding line – after realisation

Modernisation of moulding line – after realisation

Thank you for your attention!

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