Blow mold design
Format I x I x I meter and I x I x 0.7 meter

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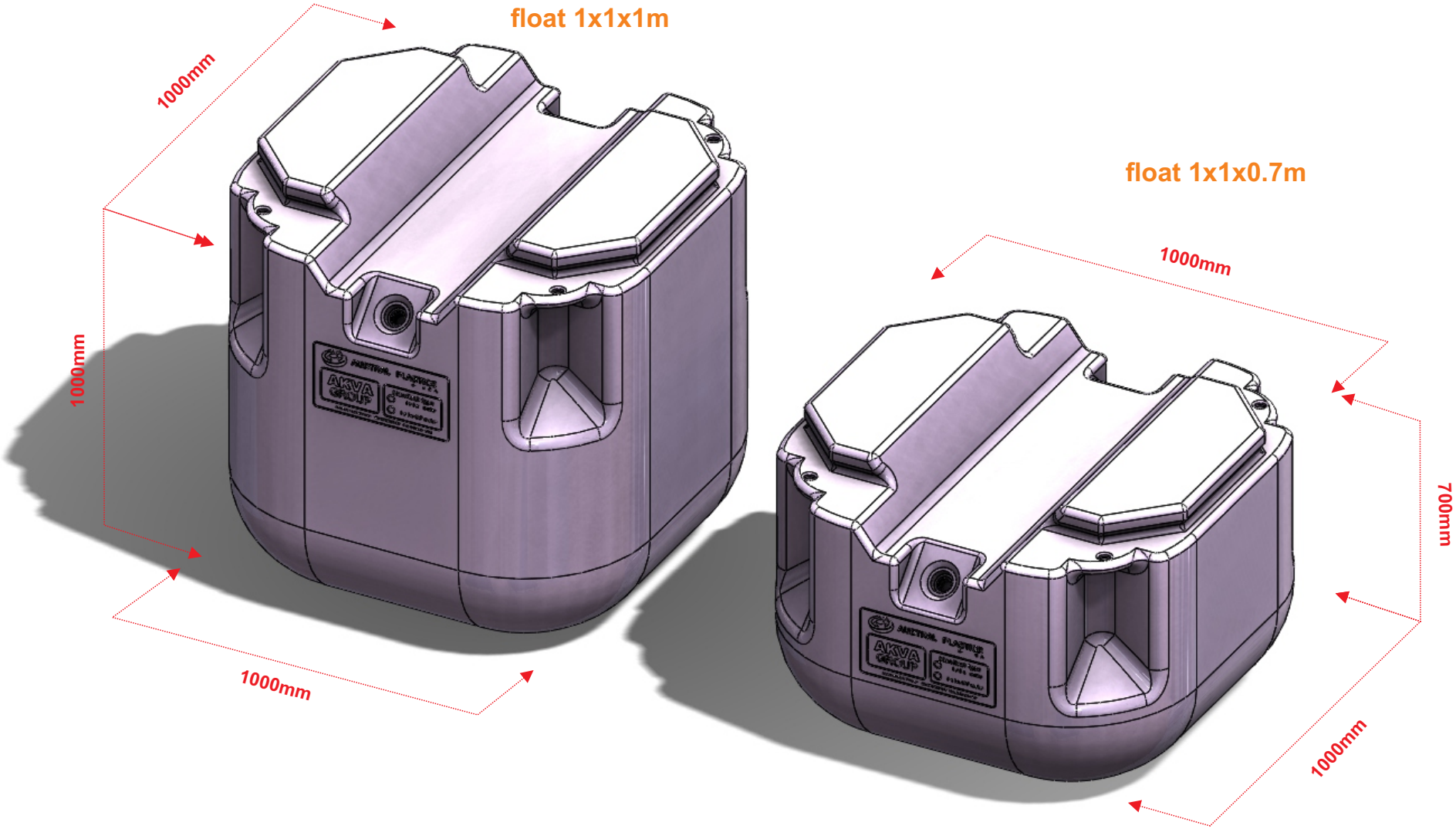
Chile S.A.



The purpose of the construction of the mold for blown float is to produce 2 types of floats (1 x 1 x 1 meter / 1 x 1 x 0.7 meter), in the same shape but with different height, for this the mold must Have a segment that is interchangeable that will be explained later, other important characteristics for an optimal design is to be able to achieve 4 points of contact or kisspoint on the top of the product, also must have an area that must have thread to be able to install a Small air valve, since the whole float must be completely airtight (that's why the 4 kisspoint important to achieve), since it will be injected with air for your flotation in use.

Blow mold design
Format 1 x 1 x 1 meter and 1 x 1 x 0.7 meter

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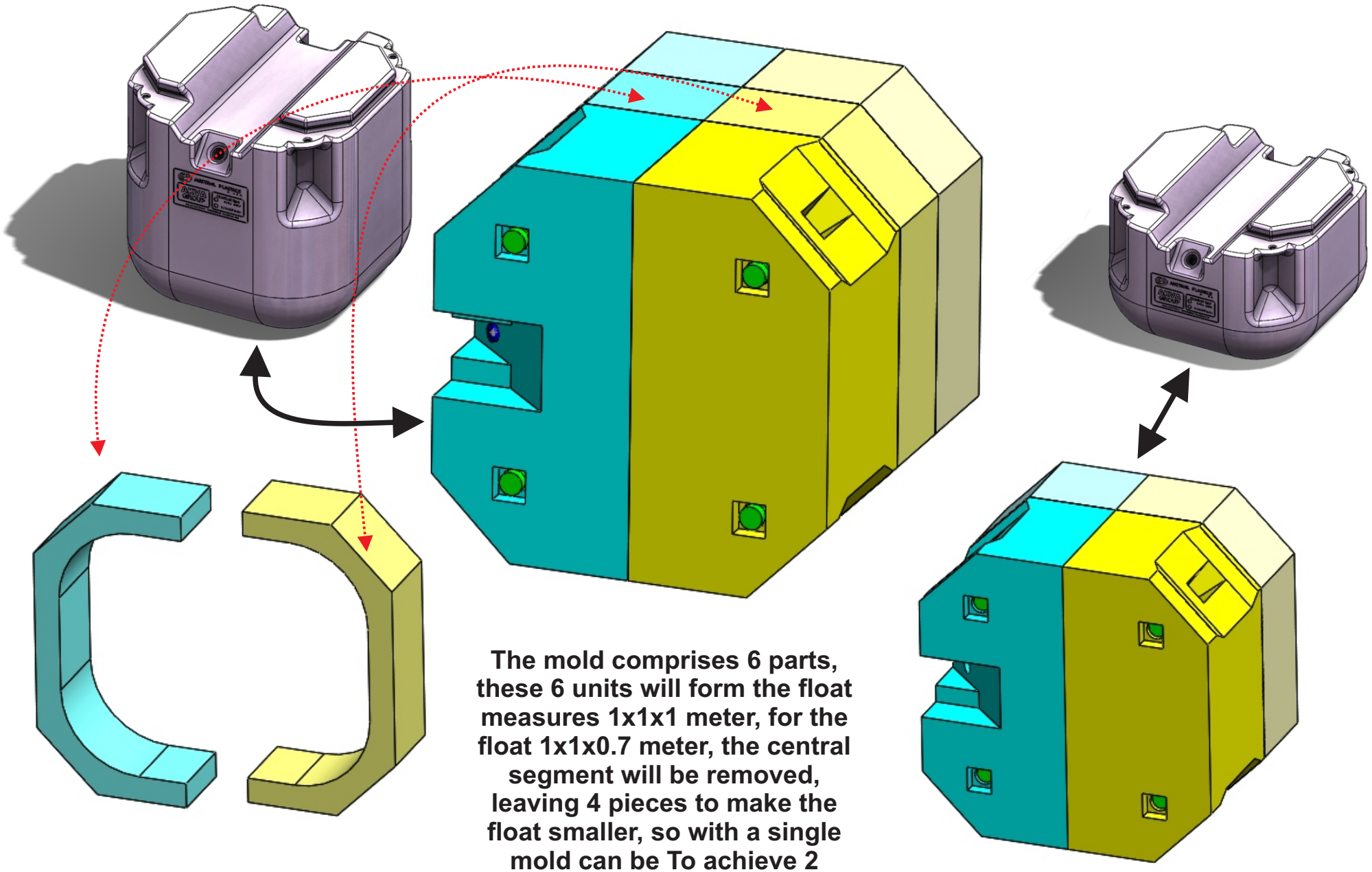

The mold comprises 6 parts, these 6 units will form the float measures 1x1x1 meter, for the float 1x1x0.7 meter, the central segment will be removed, leaving 4 pieces to make the float smaller, so with a single mold can be To achieve 2 models

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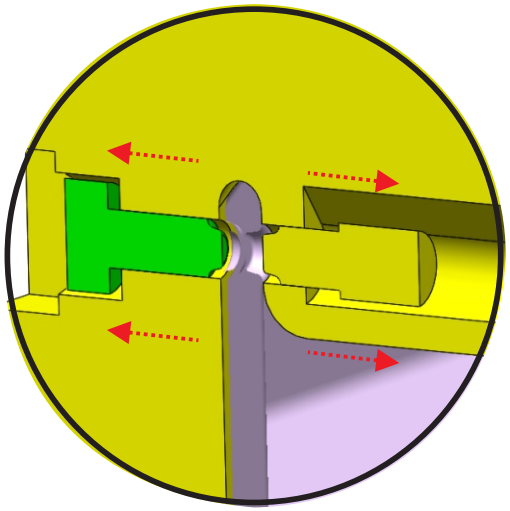
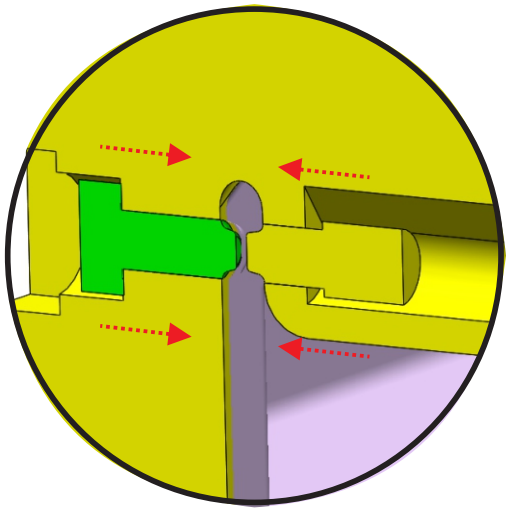
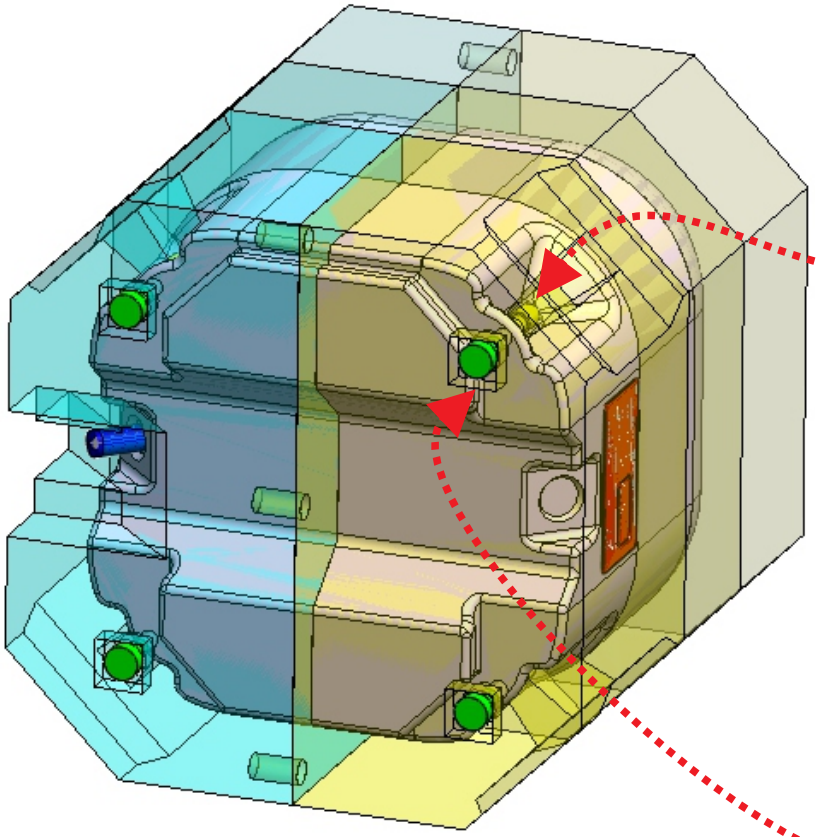
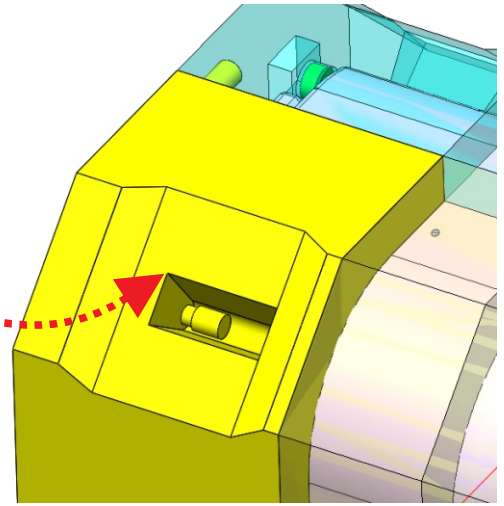


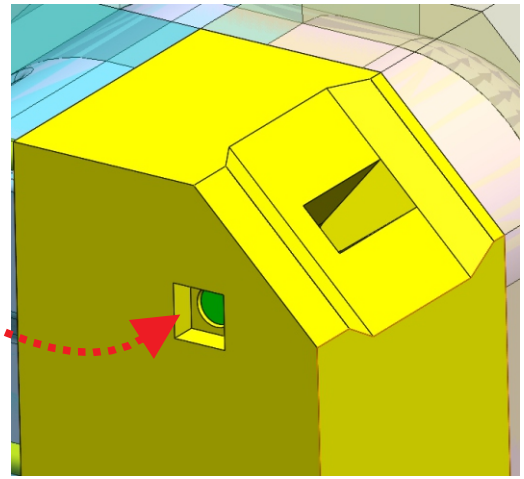
Open system, pass the extended plastic



Closed system, the point of union between plastic faces is formed forming the hole







Hydraulic system (with air) to allow synchronously the 4 kisspoints to form the perforations corresponding to a 3/4 inch diameter bolt. In this part the mold has on its front face and on the vertices under relief where small pushing systems are inserted that advancing a few millimeters can form the hole without stretching of on the way plastic

Blow mold design
Format 1 x 1 x 1 meter and 1 x 1 x 0.7 meter

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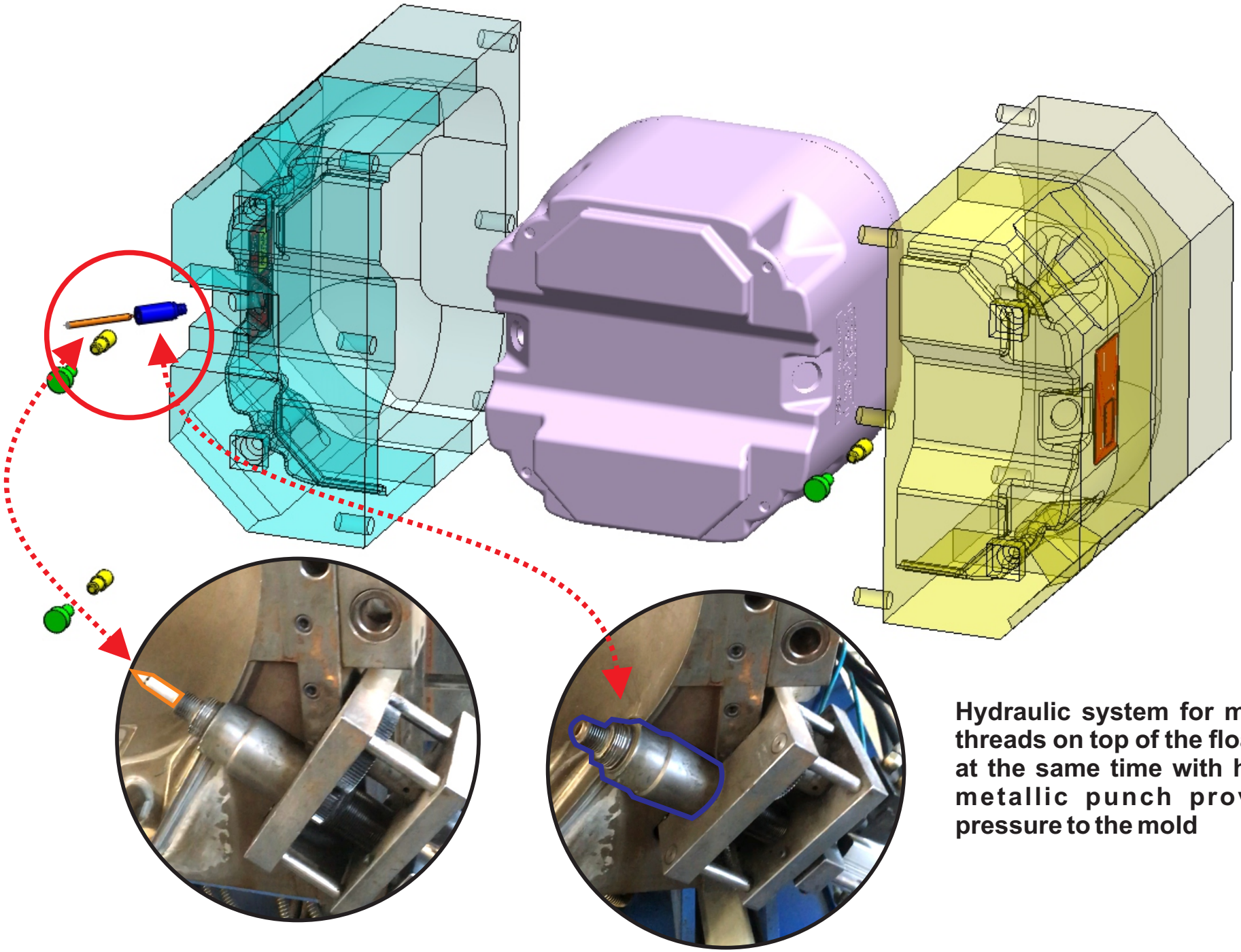

Hydraulic system for making threads on top of the float and at the same time with hollow metallic punch provides pressure to the mold

Blow mold design
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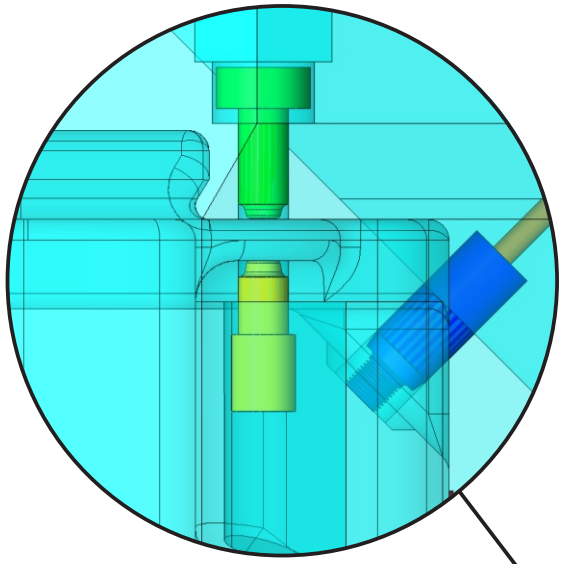
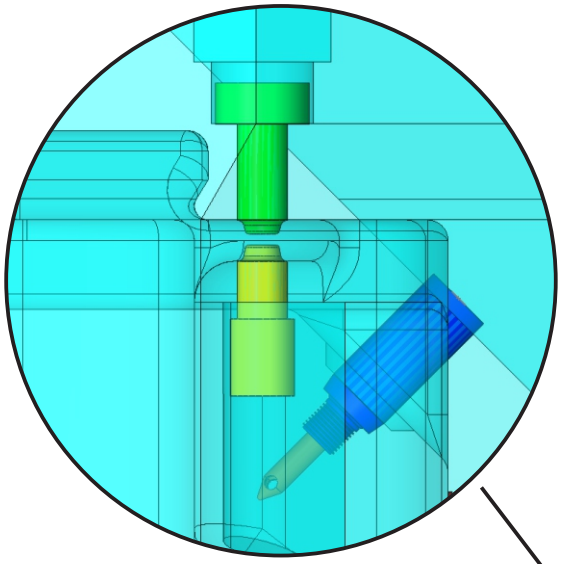
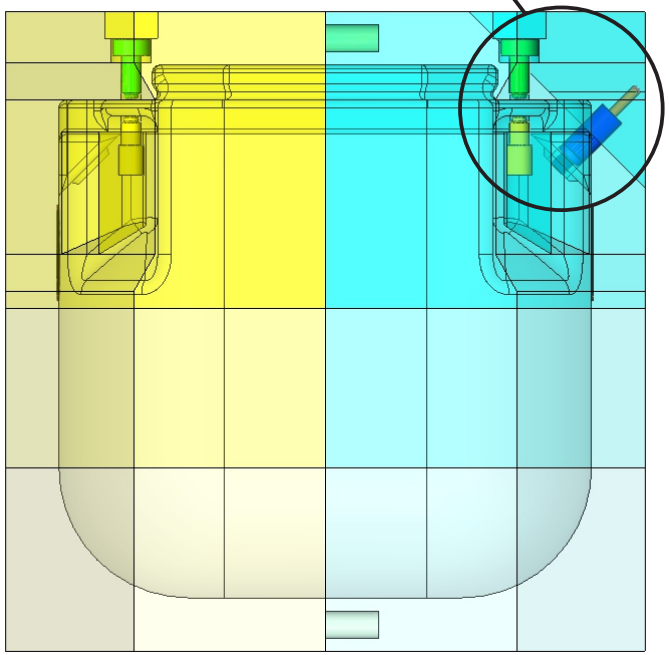


Hydraulic stops to form a tightening point that will serve to, once removed the product drill the 4 areas.

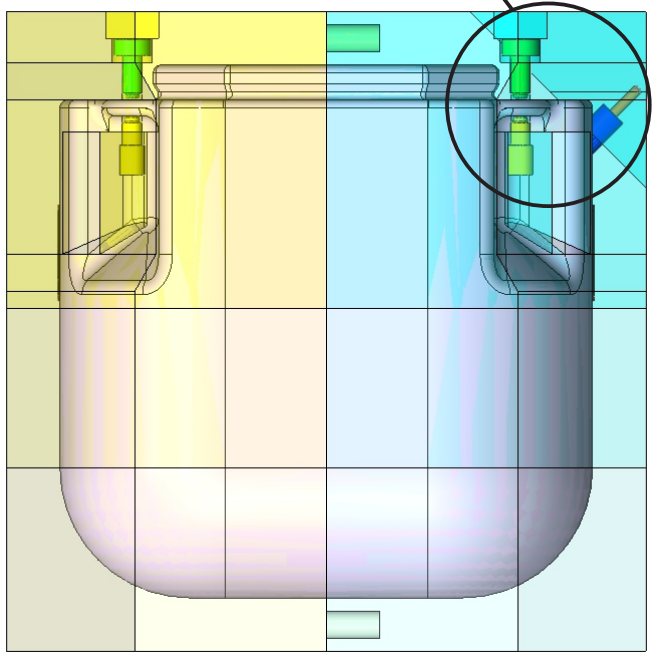
Once the tightening of the 4 points occurs, the thread that generates the thread in the float appears and the lance appears that injects air pressure to the product





Mold without float

top view of the mold



Mold with float

Blow mold design
Format 1 x 1 x 1 meter and 1 x 1 x 0.7 meter

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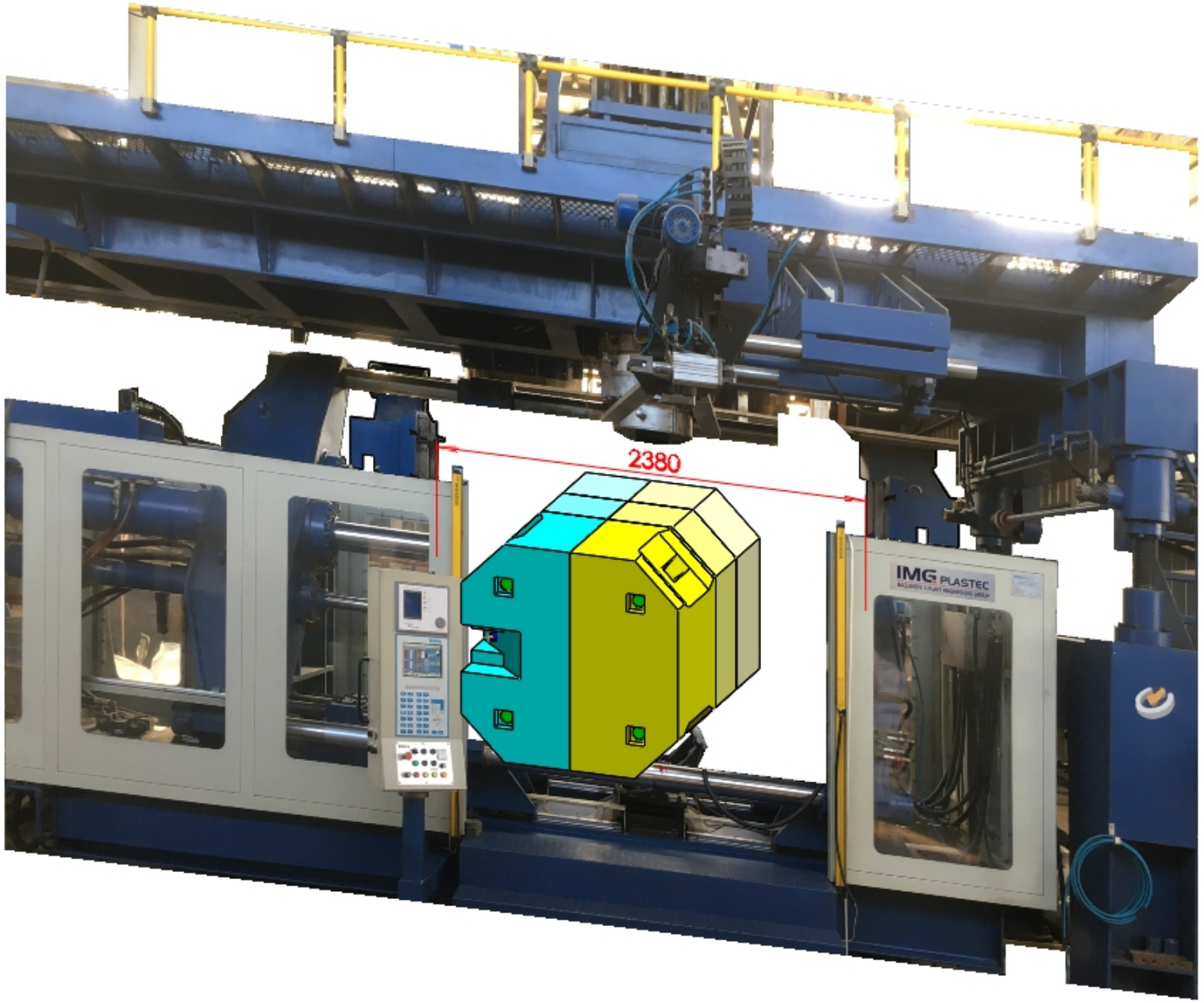

The free opening space between mold fasteners is approximately 2380 mm

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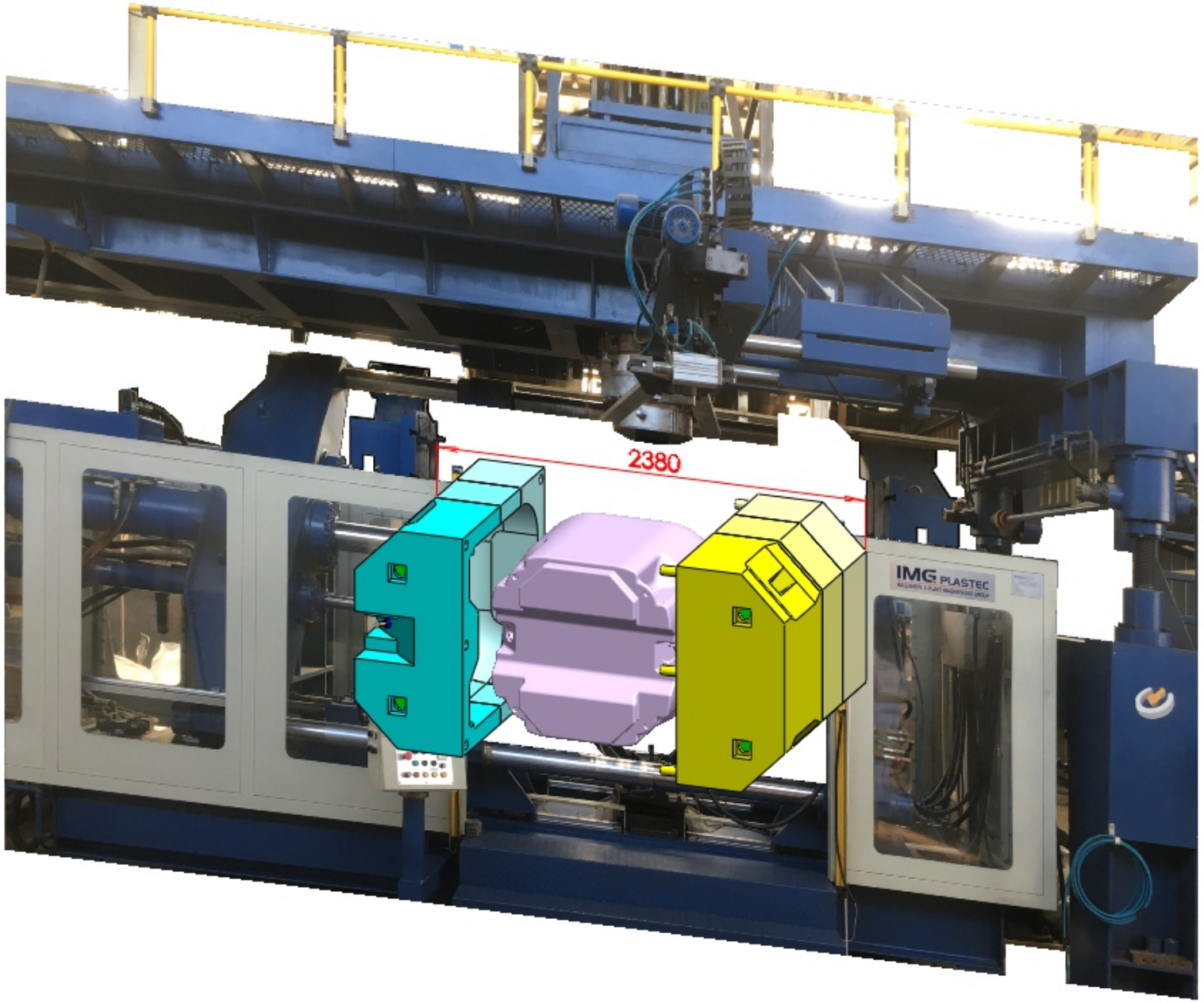

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