

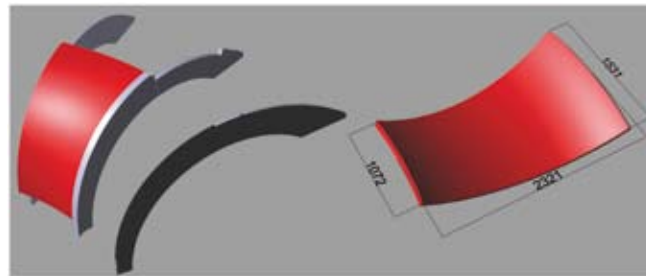
Exploform B.V.

Many challenges for ITER can be realized by applying Explosion Technologies.

Exploform is specialized in high-tech applications with explosion technologies and develops special solutions for ITER together with EFDA, TNO and NRG.

Double curved parts for vacuum vessel

Exploform manufactures a full size shell part by explosive forming in accordance with the current design. Improved designs are possible with larger, accurate parts so that the needed tolerances can be met for the vacuum vessel sectors.



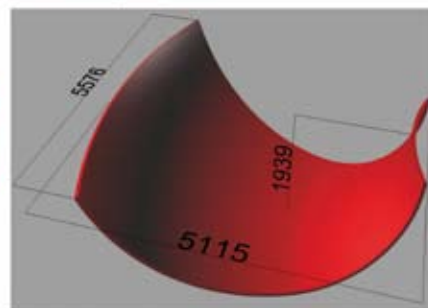
panel under manufacturing for qualification

Cassette body enclosure

The strength of the aluminium-brass enclosures can be improved for meeting the design peak stresses.



double curved parts (red)



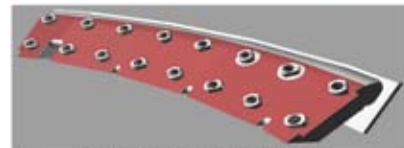
large double curved parts can be explosive formed in 1 piece

Copper on Triangular Support

The copper cladding on the Triangular Support can be provided by a special way of explosive welding.



cassette enclosure body (yellow)



Copper cladding on triangular support

Heat shields Explosive clad wolfram tiles can be applied for the plasma facing components of the diverter.

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