## **DEFORMINFO**

**PRESSURE VESSELS HEAVY FABRICATION** WORKS OF ART



Deform AB | Box 25 | SE 693 21 Degerfors | Sweden | PHONE +46 586 473 00 | FAX +46 586 449 14 | info@deform.se | www.deform.se

## **DEFORM DEVELOPS**, **TESTS AND VALIDATES**

Quite some years ago, Deform developed a technique for the hot forming of quenched and tempered steels. **Our special expertise makes** it possible to hot form a plate and then restore the steel's properties without the product losing its shape.

Using a variety of designs, tight radii, thicknesses and steel grades, we have carried out a host of different tests. To verify product properties (ballistic resistance, etc.), we have had plate suppliers, customers and independent test bodies carry out destructive testing. All of this provides every assurance that our products perform to specifications.

We are keen to continue working in this way. We like to offer our services at an early stage and work closely with our customers' development and design departments. We are highly experienced in both design and production. Thus, the earlier we are allowed to actively contribute to a project, the greater the potential for creating benefits for all parties!





Our plates have so far undergone test shooting in Germany, Sweden and France. New customers often require that we jointly undertake test shooting at their designated facilities.



We like working closely with our customers and are keen to have an active role as a design resource early in the development of new products.



Hot forming of protection plate in quenched and tempered steel.

The pictures shows various formed test details in 600HB with plate thicknesses in 4-8 mm and radiuses down to 1.5 mm.



Water cutting of 3D-product in 600HB.

