

## > DEFORM MANUFACTURES COMPONENTS FOR THE SAFE HANDLING OF MUNITIONS

**Dynasafe is a prominent Swedish company specialising in the handling and destruction of munitions.**

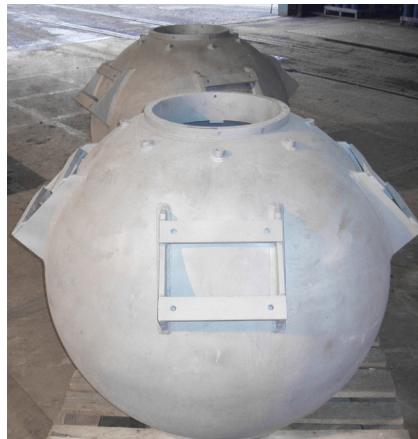
In a long collaboration with Dynasafe, Deform serves as a subcontractor for formed, quenched and tempered pressure vessel heads and hemispheres. The hemispheres are hot formed in quenched and tempered steel. Our expertise means that we can manufacture these as two halves rather than as segments with a crown (which was previously standard for Dynasafe).

The above components are used in mobile detonation chambers for the safe transport of munitions to destruction sites. Deform has also manufactured bomb suppression litter bins for Dynasafe.

The secret of our success here is how we hot form a plate and then restore the steel's properties without the pro-

duct losing its shape. This saves welding, weight and costs. The reduction in welding is extremely important – detonation chambers must guarantee the ability to withstand bomb explosion during transport. A single formed plate is always stronger than an equivalent construction made from welded plates!

Welding of assembly details on detonation chamber.



All formed components are validated by destructive testing of surplus material from the hot formed components. This is to guarantee that the right properties have been achieved after hardening and full annealing.

Complete mobile detonation chamber for safe transport.



Bomb suppression litter bins – Johnny Olsson, founder and owner of Dynasafe and Bengt Christensson, MD of Deform.

