

PRESS NEWS



Prestigious stainless steel order

With a German order for four hemispheres, Deform once again marked its special position in the market for large, heavy gauge, segmented pressure vessel heads. The largest hemisphere in this order used 105 mm thick stainless steel plate and had a diameter of around 6 metres.



Test assembly of a hemisphere

Deform has just finished four segmented hemispheres with diameters of between five and six metres. Plate thickness varied from 25 mm for the smallest hemisphere to 105 mm for the largest. The finished weight of the largest hemisphere was roughly 45 tonnes! Made of stainless steel (304H), all the plates were edge prepared, test assembled, marked and pickled for immediate and simple final assembly and welding by the customer.

We are very proud of our capabilities in this tough, special niche!

The three smaller hemispheres were cold formed. The thickest was hot formed and solution heat treated. With a different segment arrangement, we could also have cold formed the thickest hemisphere and thus avoided the cost of solution heat treatment.

The sooner Deform can get involved in dimensioning finished products, the better for all the parties!



Hot forming of 105 mm thick plate (pictures 1 – 6)



Solution heat treatment after hot forming (pictures 7 – 8)

Large delivery of formed stainless steel to Chile

Deform has completed a new and successful delivery in the pulp and paper segment.

Deform has just delivered five segmented hemispheres and two segmented pressure vessel heads to a new customer in Chile. The products are to be part of an entirely new process plant for the production of paper pulp. The plant is just being built in Chile and Deform's

pressure vessel heads are a small, but important, element in the whole. The manufacture of pressure vessels begins with the heads and Deform can proudly observe that we met all requirements – for us, the right quality at the right time goes without saying.

This delivery shows yet again Deform's worldwide competitiveness in its special niche!



Two segmented pressure vessel heads ready for delivery to Chile



Per-Erik Zettergren in front of a test assembled hemisphere

