

X-Y MILLING OF RADAR DOME PEDESTAL FOUNDATIONS ON NAVAL DESTROYER

FAST RESPONSE AND A PRECISE JOB

A Norwegian shipyard contacted Goltens to take over a pressing job that another company had committed to but could not complete. The job was to machine four pedestal foundations for radar domes on a naval destroyer.

The foundations, as constructed, were too rough and uneven to mount the domes. Goltens quickly evaluated the technical requirements and immediately mobilized two in-situ machining technicians and its X-Y milling machinery to the shipyard to start the work.

IN-PLACE MACHINING CONSISTED OF:

- X-Y milling of 3 radar dome pedestal foundations measuring 1,200mm
- X-Y milling of 1 radar dome pedestal foundation measuring 2,000mm in diameter
- Tolerance of 0.5mm per 1,000mm.

IN-PLACE MACHINING RESULTS:

Goltens technicians completed the X-Y milling job within three days to the full satisfaction of the shipyard and the Navy.

As a result of the job, Goltens was awarded the order for the work on a sister ship with the possibility of a working on a third.

PROJECT FACTS: NAVY RADAR FOUNDATIONS

Pedestal Diameter:	1 x 2,000mm/3 x 1,200mm
Material removed:	Max 28mm
Machining Tolerance:	0.5mm per 1,000mm

