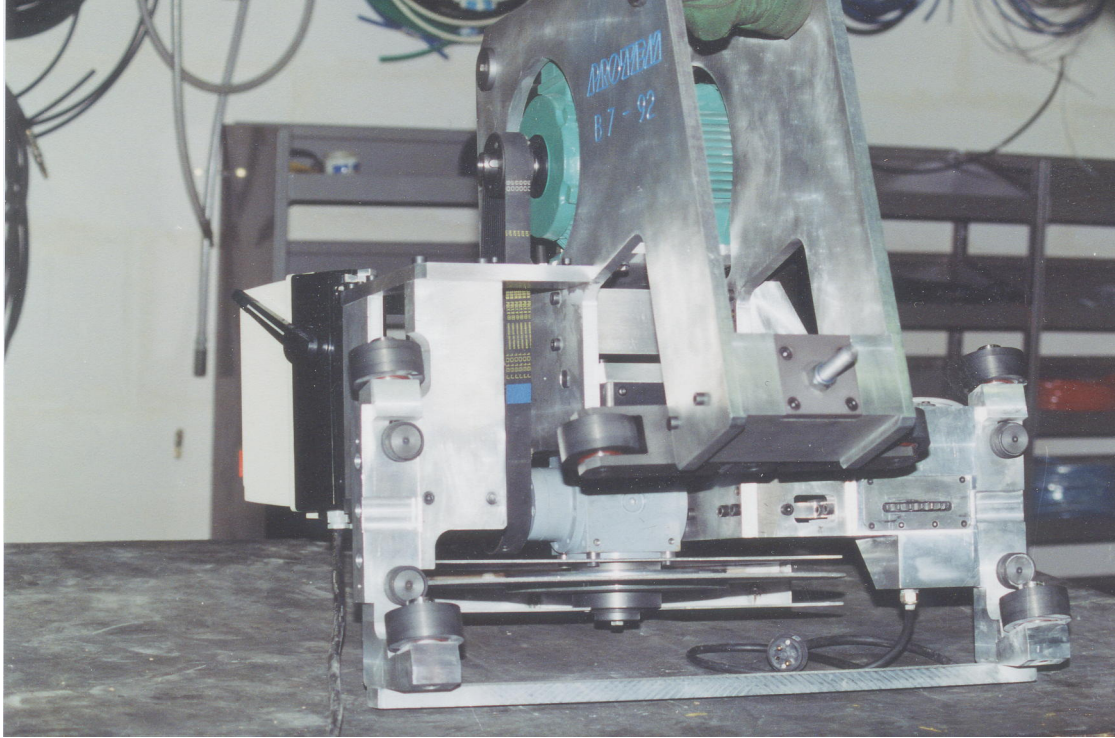


SONAR DOME CUTTING MACHINE



APPLICATION

SONAR dome on a nuclear submarine in a fabrication workshop.

WORK TO BE PERFORMED

Cutting of composite material to size and shape for covering on the SONAR dome of the submarine.
Material thickness : 80 mm.

SOLUTION ADOPTED

Design and manufacture of a portable machine equipped with a diamond tipped circular saw blade, 500 mm diameter and 5 mm wide.

DEPLOYMENT

- ⇒ The machine is located on the job by means of a circular guide rail with height adjustment.
- ⇒ The machine clamps to the guide rail using eccentric rollers.
- ⇒ The circular saw blade rotates at 2000 tr/mn driven by a 3 KW motor.
- ⇒ Automatic feed: Min : 80 mm/mn
 Max : 700 mm/mn