



### **Mobile Buildings**

At Howdon nr. Newcastle-upon-Tyne for  
Wm. Press Production Systems Ltd

#### **DESIGNERS**

**Wm. Press Ltd**

#### **STRUCTURAL ENGINEERS**

**Hugill of Teesside Ltd**

#### **STEELWORK CONTRACTORS**

**Hugill of Teesside Ltd**

### **Judges Comments**

**These mobile sheds provide all-round weather protection on a grand scale for the construction of heavy engineering items such as oil rig modules, helidecks etc. They have overhead gantry cranes and their capability of longitudinal, transverse and rotational movement makes them highly adaptable.**

These two buildings have been designed to satisfy the need sometimes to position the envelope over the work rather than bring the work into a building. They provide all-weather protection during construction of oil rig modules, process plant packages, helidecks, dock gates etc. They can be moved in any direction, longitudinally, transversely or by rotation and slide on PTFE which is laid in a grid of grooves built into the concrete slab at a spacing of 10ft centre to centre.

When transverse or circular movement is required temporary lattice girders are attached to the feet of the portals. There are eight gable doors at each end of each building and they measure 10ft wide x 55 ft high; whenever movement of the building is being carried out these doors can be hung on the sides of the building.

The buildings are each 80ft x 100ft long x 75ft to eaves and at the 60ft level there is a 10 tonne electric overhead travelling crane. All steelwork was shotblasted and painted one coat of zinc-rich epoxy and two coats of chlorinated rubber.

The cladding is steel sheet PVC coated in the Colorsteel long-rib profile from BSC.

