



# Farrat

Shock & vibration isolation  
for Plant, Machines,  
Structure and Buildings

Since 1959 **Farrat Isolevel Ltd** has amassed a wealth of experience in all aspects of vibration, noise and shock isolation in both industrial and civil applications. Projects like this demonstrate our abilities as an engineering and manufacturing company. Farrat can advise on or develop bespoke vibration isolation and precision levelling solutions.

Please contact us for more detailed information and literature or technical advice on how best to overcome noise and vibration problems. Otherwise visit our website [www.farrat.com](http://www.farrat.com).

## Isolation of Vertical Hydraulic Table Test Rig

Used for low frequency vertical and horizontal sine testing to Naval and Rail specifications this rig achieves accelerations of 2g with a combined test table & payload of mass of 2000kg.

Farrat were asked to provide an economical yet high performance shock and vibration isolation system.

The proposed and subsequently installed system consisted of:

- Isomat (IM BR) isolation bearings (250 x 150 x 52mm)
- Isofoam void filler to fill gaps between Isomat isolators
- End stop buffers to isolate horizontal movement

The Isomat system proved itself to be an ideal solution to meeting the stringent criterion set out by the customer.



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