



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.

When planning the installations of power presses it is advisable to consider vibration isolation. If incorporated it can provide the following benefits:

- Reduce **noise** through structural damping
- Reduce machine **reverberation**
- Prolongs machine & tool life
- Improves product finish

Farrat **NBR Isolation Bearings** deliver a high level of performance whilst being more economical and easier to install than alternative coil spring isolation systems (also available from Farrat). The following installations demonstrate the ability of such systems to deliver real customer benefits.

UK – 1999

Installation of:

1x 1000t FUKUI Press & 1x 2000t Press.

Both with Farrat NBR70-50 Vibration Isolation Pads & Hamamat HM28P2 AV Washers.

UK – 2001

Installation of:

2x 1000t FUKUI Presses

Both with Farrat NBR70-50 Vibration Isolation Pads & Hamamat HM28P2 AV Washers.

Iran – 2005

Installation of:

3x MFE8000 Hitachi Zosen Presses

All with Farrat NBR70-60 Vibration Isolation Pads & Hamamat HM25P2 AV Washers.

UK – 2006

Installation of:

1x MFE16000Kn -1 20spm Hitachi Zosen Press

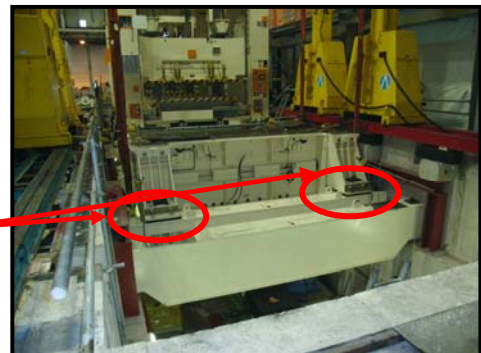
2x MFE8000Kn -2 20spm Hitachi Zosen Press

2x MFE6000Kn -5 20spm Hitachi Zosen Press

All with Farrat NBR70-60 Vibration Isolation Pads & Hamamat HM25P2 AV Washers.

Base frame of Hitachi Zosen Press during installation.

Farrat NBR70-60 Vibration Isolation Bearings were fitted and pre-loaded. This provided the required deflection to ensure the maximum performance of the elastomeric material.



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