

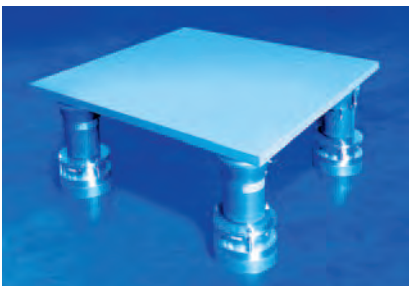
# Vibration isolation platforms

Many applications require indirect isolation due to the requirements for effective isolation and level control or due to insufficient integral rigidity. If foundation isolation is not possible as for example:

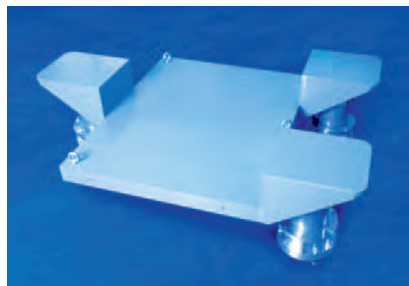
- installation is on the elevated floors of a building,
  - the site of installation is of restricted space,
  - the site of installation should be flexible (mobility),
- then mounting the machine to a vibration isolated platform is a proven solution.

Usually either welded steel constructions or cast plates are used. Depending on the design of the platform the base of the machine is additionally extended and the center of gravity is lowered by adding mass or the position of the isolators, which significantly enhances the stability of the overall system. In this way machines with a high center of gravity and/or small base area can also be mounted to very low frequency and therefore soft isolators.

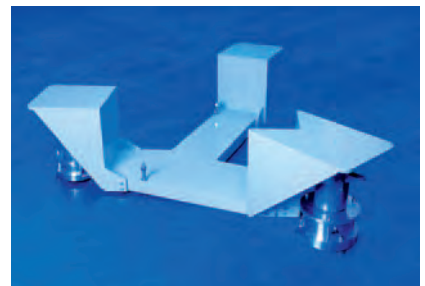
## DESIGN EXAMPLES



Basic platform



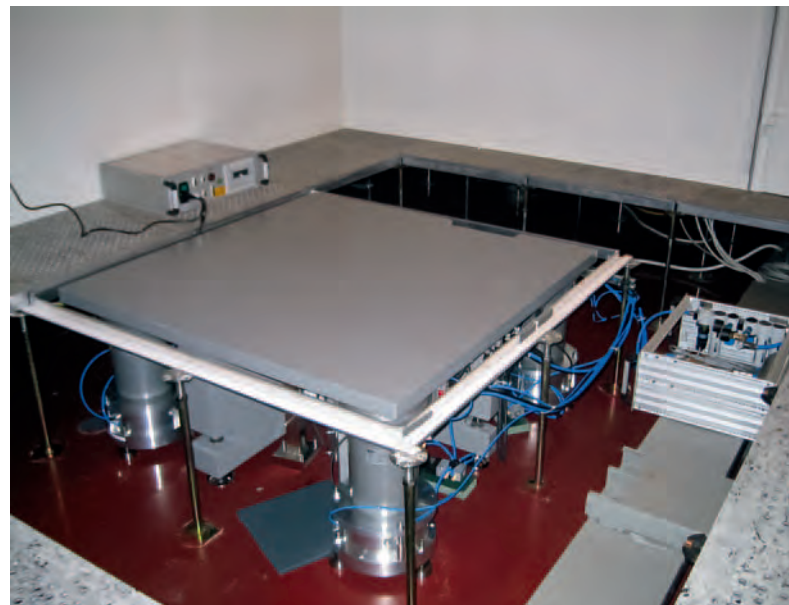
Platform for low installation height and for systems with a high center of gravity



Platform for minimum installation height and for systems with a very high center of gravity

## SERVICES

- Frequency analysis and vibration measurement
- Simulations
- Design, manufacture, delivery, assembly and commissioning of total vibration isolation systems
- Manufacture, supply and installation of cast platforms
- Manufacture, delivery and installation of cast plates



Platform for integration in raised floor / clean room floors with additional mass for the reduction of vibration peaks

