



We make it **possible**

# FLEXIBLE MOUNTS





# 1 - INTRODUCTION

The reduction of noise and vibration has become very important :

- the need to improve operating conditions makes it essential;
- the increasing mechanisation of industrial and domestic equipment and appliances make it necessary;
- the lightness and increasing complexity of equipment demand it.

The following pages are dedicated to protection against vibration and shock. They offer design engineers the means to resolve isolation problems using elastomer alone or elastomer bonded to metal supports.

The first few pages start, therefore, with a summary of definitions and an explanation of the terminology used as well as the principal formula on which suspension calculations are based. The design of a flexible mounting system is a major undertaking and is the subject of a special section which gives the principles used to select a mounting system according to its size, characteristics, type and applications.

**Warning :** solving flexible mounting system problems very often requires the services of a specialist and we advise, very strongly, that if a simple solution cannot be found, then our technical services should be consulted.



