

COUNTER-VIBRATION FRAMES

CAST COUNTER-VIBRATION FRAME FOR SAND LUMP BREAKER



CAST COUNTER-VIBRATION FRAME TO THE KNOCK-OUT GRID



When positioning large and heavy vibration machines it is possible, particularly on bases containing water, for vibrations to be transferred to other areas away from the machines. This is the so-called transfer of structure-borne noise.

This is undesirable if sensitive processing machines are located in the vicinity or disturbances to neighbouring residential areas develop.

Considerable insulation effect can be achieved by installing a counter-vibration frame beneath the machine.

Depending on

- spring constants of the positioning elements
- weight of the counter-vibration frame
- frequency of the vibration machine

degrees of insulation greater than 90 % can be achieved.

It is important that this counter-vibration frame be taken into consideration when planning the installation dimensions because it will only rarely be possible to install it subsequently.

APPLICATION AND FUNCTION:

Is installed between the vibration machine and the foundation.

TECHNICAL DATA AND FACTS:

Depending on use, the counter-vibration frame weighs between 1.0 x machine weight and 3.0 x machine weight.

BENEFITS:

- Minimises the transfer of structure-borne noise to the foundation.