INSTALLATION INSTRUCTION

for the correct installation of isoloc Vibration Insulation Panels IPL and Packs IPK

General installation guidelines:

Before installing the machine or plant, the area around the mounting surface has to be free from oil and grease and properly cleaned in order to give optimum anti-slip protection. This can be achieved by using solvents, e. g. acetone. Rough concrete should be given a clean smooth coating. The admissible evenness and angle tolerances on the upper side of the mounting surfaces and on the lower side of the machine pedestals base on DIN 18202. Localized loads have to be avoided. It should additionally be ensured that the specified maximum load indexes (F_{max}) are not exceeded. If they are not known, please ask us. If the **centre of gravity of the machine is not central**, larger elements have to be used at the higher loaded mounting points, if necessary.

All the mounting points have to be at the same level (check with a precision spirit level if necessary) and the machine lowered **carefully** on to them. Major unevenness of the floor can be compensated with our Anti-Slip Panels GPL 3025 (h = 2.5 mm) or 3050 (h = 5 mm) together with sheet steel (please see image 1).

It must be avoided that the machine or plant is lowered diagonally or that it tilts (image 2) as otherwise the vibration insulation panels or vibration insulation packs can be damaged irreparably. **Once the machine has been lowered it can no longer be shifted horizontally due to the very high friction coefficient!** In this case the machine has to be lifted again. If this is disregarded the vibration insulation panels or vibration insulation packs are damaged.

The vibration insulation panels or vibration insulation packs must have the load applied to them **on their full area**. This means that the support surface of the machine feet (machine support surface) must have at least the same dimensions as the used vibration insulation panels or vibration insulation packs. If this is not the case pressure spreading plates (image 3), e. g. sheet steel plates, should be placed on the vibration insulation panels or vibration insulation packs or be stuck to them. Possibly existing levelling screws for the levelling of the machine have to be removed before lowering the machine onto the vibration insulation panels or vibration insulation packs.

CAUTION!
In the case of one-sided or localized loading the vibration insulation panels or vibration insulation packs are damaged!

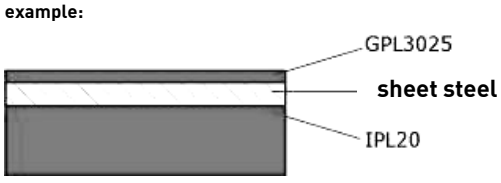

image 1

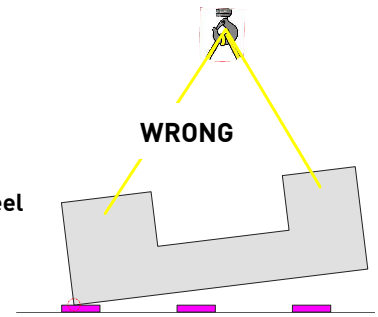

image 2

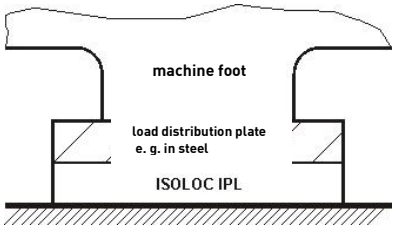

image 3

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