



GREEN MAGNETIK DOO.

May the magnetic force be with you!

24000 Subotica, Blaha Lujze 23.

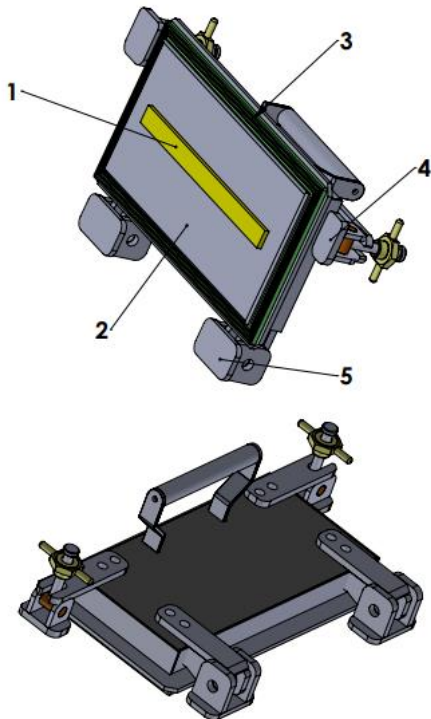
Tel. +381 (0) 63-198-03-59

E-mail: office@greenmagnetik.rs

www.greenmagnetik.rs

INSTRUCTIONS FOR INSTALLATION, HANDLING, MAINTENANCE AND SAFE OPERATION

GM-PMP-...-(UPU)-



It is a simple but highly efficient magnetic separator with a very wide range of applications. Most often, the magnetic plate is installed in chutes, spouts, ducts or pipes to remove ferrous fine particles and larger pieces of tramp iron from various types of bulk materials. It is suitable above all for the applications where a more sophisticated magnetic separator (e.g., due to the limited installation space or because of the already existing production technology) cannot be placed. You simply cut a hole in the existing pipeline and insert the magnetic door. Thanks to its advantageous price, the magnetic plate is a very popular type of the magnetic separator. We equip this „magnetic door“ with very strong neodymium magnets, achieving high efficiency of the magnetic separation. The plate magnet door is also suitable for abrasive or poorly permeable materials, as no obstacle (e.g., a magnetic grate) is inserted into the material flow which would block it or could be damaged by the abrasive material.

It can also be used for liquid, half liquid type materials (wet salt, oil, cooling fluid, etc.), because we produce it out of AlSi316L material, and the magnets are well sealed (water proof).

INSTALLATION INSTRUCTIONS

It can be installed in several ways using the internal threads on both sides, or with the hinged solution of the UPU shown in the picture. The magnetic sheet (2) has two hinges (5) and two clamps (4). The chosen location should be chosen in such a way that the material falls directly on the surface of the magnet sheet (2). During installation, the surface of the magnet must be cut out on the top (+5 mm in both directions), then, holding the plate in place, the hinges (5) must be welded to the wall of the pipe, and then we do the same with the clamping clips.



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MAINTENANCE OF THE METAL SEPARATOR

During maintenance of the magnetic plate, it is worth checking whether the hinges (5) rotate easily, if not, it is recommended to oil them. Do not try to fill or weld dents or holes that may have occurred on the magnetic bar, as this may damage the magnets inside, in which case our company will replace the plate covering the magnets. Over time, the rubber seal can wear and tear, causing the material to become dusty. As soon as this is detected, the seal needs to be replaced.

CLEANING

All you need to clean the automatic metal separator is a storage compartment or bag for the separate outlet (closed from the clean material) on the back. In case of disinfection or washing, the door (4) on the front and back can be removed to help cleaning and maintenance.

IMPORTANT!

Workers who have a PACEMAKER must not work with the device as it has powerful magnets!

Cleaning should not be done with metal objects that are attracted to the magnet, but instead with plastic, rubber, stainless steel, etc. Using tools.

It is strongly recommended to use rubber gloves, safety glasses and facemask for cleaning.

The magnetic bars must not be exposed to a higher temperature than the maximum temperature prescribed for the given type of magnet (N 80 C°, SH 150 C°, TH 250 C°, etc.)!