

Mobile magnetic separator MS01 in Trial-operation.

The mobile magnetic separator MS01 commenced operation at the slag-landfill in the Czech republic at the same time as the hydraulic jaw crusher - in mid-January.

The plant convinces particularly due to the construction design and the multitude of possible applications.

The MS01 was specially designed and developed for a project in an iron-ore quarry for the enrichment of iron ore metals.

During summer 2012 the first machines of this type have been delivered.



Compared with stationary plants, the mobile magnetic separator can easily be placed on the jobsite and follows the material. This allows a reduction of logistic costs and therefore an economic operation.

Initially developed for a project in an iron-ore quarry, the mobile magnetic separator MS01 is also suitable for the operation with slag, for the separation of fractions up to 50 mm.

Magnetic separation.

The principle of the magnetic separation is 'state-of-art'.

Especially permanent magnetic over-band separators are used in slag-separation due to their cost effectiveness.

However, the big disadvantage of these separators are the dissatisfying results particularly when being used for fine fractions.

But exactly the fine fractions usually contain the majority of scrap metal - partially the fraction lower 10 mm contains up to 50 % of the scrap.

Many recyclers are afraid of an investment in stationary magnetic separator, due to the high acquisition costs. In many cases an investment of this amount would not pay-off, because of the size of the landfill and the quantity of the recycleable material.

For this reason, we dedicated our time in the development of a mobile plant and can now offer an alternative solution with our mobile magnetic separator MS01.

Analysis during the test operation in CZ.

Our mobile magnetic separator will stay in operation for 2 more months at the landfill of our customer in the Czech republic: The aim is the further analysis of the diverse materials and the determination of the throughput and the final quality.

We will keep you updated about the results of the ongoing analysis with our Newsletter.