

SUSPENDED PERMANENT MAGNET

Swenco Suspended Permanent Magnet is for installation over conveyor to extract tramp metal from material burden.

Specially designed magnetic circuit ensures a very deep magnetic field and Gradient to trap contamination from fast moving belts.

The Swenco Suspended Permanent Magnet comes in 5 different magnetic strengths to suit various belt widths and suspension height.

The magnets can be configured with the Manual Cleaning (MC) option and can be provided with Sliding plate (optional) for ease of removal of trapped contaminants.

The magnets can also be fitted with the Self Cleaning option. The system incorporates a belt built around the magnet to automatically remove metal trapped on the magnet face. Channel frame work built around the magnet supports two pulleys over which the belt with SS304 or vulcanized rubber cleats are mounted. The pulley is mounted on bearings and driven by a TEFC motor using V- Belts.



SPMA - up to 4" suspension height

SPMB - up to 6" suspension height

SPMC - up to 8" suspension height

SPMD - up to 10" suspension height

SPME - up to 12" suspension height