

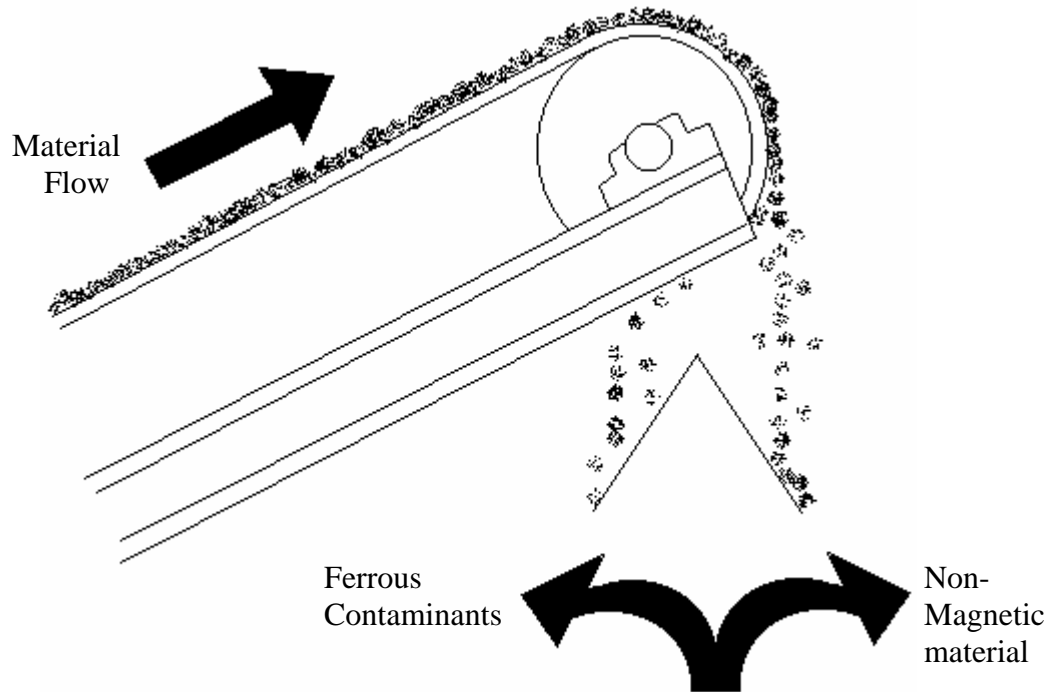


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# PERMANENT MAGNETIC PULLEYS

Efficient tramp iron separation at an affordable price



## Principle of operation

As the material carried on the belt comes within range of the magnetic pulley, magnetic particles are attracted and held fast to the belt surface until carried to the underside of the pulley where the belt takes them beyond the magnetic influence to be discharged. The non-magnetic material falls away from the pulley in a normal trajectory.

## Features of Permanent Magnetic Pulleys

1. Constant magnetic power – requires no energizing equipment
2. Magnetic strength guaranteed never to weaken for life of installation
3. Trouble-free – install it and forget it – in or out of the weather.
4. Highest surface strength (Approximately 2000 Gauss) for maximum concentration and purification.
5. No operating cost – no electrical power required – no collector ring maintenance.
6. No moisture problems – no coils to burn out.
7. Tremendous pulling and holding power – removes large, heavy pieces of tramp iron.
8. Easy to install – no wiring necessary.
9. Stainless steel shell.
10. Mild steel header plates.
11. Axial magnetic pole design for optimum efficiency.
12. High power Ceramic 8 magnetic material (The strongest in the industry).