



Why Install a Magnet or Magnetic Separator?

Often, when faced with a metal separation problem, the immediate reaction is to turn to a Metal Detector. The [Metal Detector](#) is an electronic system that detects and, on certain models, then automatically rejects metal. The [Magnet or Magnetic Separator](#) is often overlooked.



A Magnet or Magnetic Separator uses magnetic force to attract and hold magnetically susceptible metal including some stainless steel. There are a wide range of designs with weak and exceptionally strong magnetic strength, but why are Magnets or Magnetic Separators installed at all?

1. Magnetic Separators are commonly easier to incorporate into an existing process line;
2. Magnetic Separators tend to cost less to purchase and install;
3. Magnetic Separators enhance the performance of Metal Detectors by removing metal prior to the detection phase;
4. Magnetic Separators are easier to maintain;
5. Magnetic Separators either:
 - a. Capture and hold metal contamination until manually cleaned;
 - b. Capture and automatically remove attracted metal;

In an earlier blog, we assessed [5 key questions when assessing installing Metal Detectors or Magnetic Separators](#) and concluded that by working together the best level of separation can be achieved.

For further details on the Bunting range of [Magnetic Separators](#) and [Metal Detectors](#) please contact Carlton Hicks (carltonhicks@buntingeurope.com) or our technical sales team on:

- sales@buntingeurope.com
- call us on 01442 875081
- [Send an enquiry via our website](#)