



## Patented Flux Design — Lifetime Guarantee on Magnetism !

The Dings patented flux control circuit (DFC) was a breakthrough in the design of permanent magnetic separators. It eliminates internal leakage between magnetic poles and improves separating performance.



Conventional magnetic circuits contain air or filler material between the magnetic poles. This gap causes the flux, or excess magnetism, to be wasted. In Dings DFC design, blocking magnets are strategically positioned in the spaces between magnetic poles. These blocks redirect the flux outward, into your product, converting wasted force lines to working force.

The overall strength of the magnet is improved three ways – the field is stronger, the field is extended deeper and the field pattern is more uniform and therefore more efficient. By efficiently using the magnetism, a Dings magnet can be sized to provide the right amount of magnetic power for your application – a potential savings in weight and cost.

