

MagSpin

Cleaner Shred with the best performing permanent magnetic drum in the Ferrous Downstream



- Alternating polarity causes ferrous material to flip around and achieve better cleaning results
- Steady and constant magnetic force across entire working width
- Side panels used as guide plates improve control over material flow
- Individually replaceable, bolted wear plates
- Separation in underflow operation mode
- Highest production quality of built in parts and machinery to ensure long lifetime and highest reliability
- No heating up of the magnet, always the same performance, no loss of nuggets during the day (electro magnets often lose nuggets, due performance decrease)

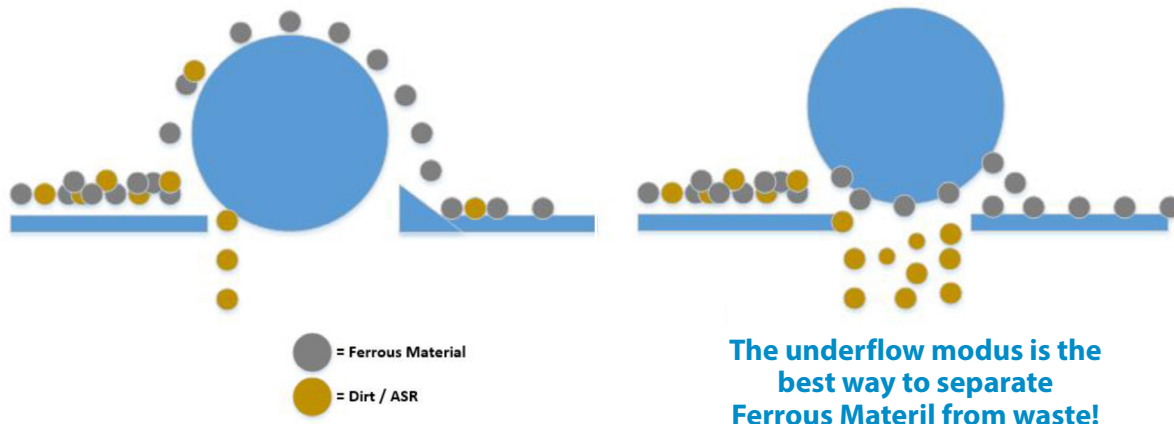
BENEFITS



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Overflow versus Underflow modus



SICON MagSpin

The preferred equipment for ferrous separation by shredder operators has conventionally been the electro magnet, generally operating in an overflow mode. Today, both practices are considered to be outdated with increasing problems of copper impurities within the shredder scrap. SICON has addressed the arising issue of gradual increase of copper in shredded scrap early on; identifying the design flow in magnet drums as the underlying cause for the problem we have adopted our equipment to perform the task more efficiently. Our efforts led to the development of the MagSpin as the solution to tackle the task of improving quality of shredded scrap. MagSpin is part of SICON's unique ScrapTuning® Ferrous Downstream which reduces the OPEX of any other Downstream significantly.

Option	
Working width	55" – 110" (1400 - 2800 mm) Custom sizes available upon request.
Diameter	40" – 71" (1020 - 1800 mm) Custom sizes available upon request.

We are here to upgrade your process to the latest state-of-the art technology increasing your profits on non-ferrous metal recovery as well as improve the quality of your shredder scrap. **Higher quality! Higher efficiency! Higher profits!**

Feature	Advantage	Benefit
Alternating polarity of poles	Flipping effect on the shred	Cleaner shred
Consistent magnetic force across entire magnet surface	Full use of magnet on the complete width	Cleaner shred across the entire width of magnet Consistently higher throughput
Replaceable, bolted wear shells	Easily replaceable	Lower maintenance costs / lower downtime

Other features

- Easy maintenance, much lower opex than with electro magnets
- Multiple poles made of Barium ferrite permanent magnets create an evenly distributed magnetic field
- Wear shells constructed of non magnetic, wear resistant hard manganese steel
- Driven by gear motor
- Robustly built to demanding standards for long lifespan

Contact us for more information about our products

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