



# MAG-RAM™

DESIGNED FOR USE IN

## MEAT & BONE MEAL APPLICATIONS

### A revolution in the magnetic separation world!

The MAG-RAM™ is a very versatile machine that has the ability to collect weak magnetic fragments such as work hardened stainless steel wear from grinders and magnetic stone particles and can be automatically cleaned both during production and after/before production runs.



Suitable for a range of applications for extraction of stone, work hardened stainless steel, wear iron and tramp metal from meat, bone meal, feather meat and blood meat.

Each magnet is the ram of a pneumatic cylinder which when retracted, wipes the magnetics to the end of the ram and into a magnetics chamber at the back of the magnet housing.



AUSTRALIAN & OVERSEAS PATENTS PENDING.

During the process of turning offal into meat meal, small drenching capsule springs left in the animals stomach at the time of slaughter are ground up by mills and grinders, causing metal contamination.

If not properly detected and removed, this can cause considerable damage for the companies involved, including financial loss, brand name damage, injury to pets and a potential product recall.

**RARE EARTH MAGNETIC SEPARATION TECHNOLOGY**

Fully designed and manufactured by MAGNATTACK™ Global.

**RENDERTECH**

# ATTRACT ► RETAIN ► COLLECT ► ASSESS ► PROTECT

- RE80™ 10-11,000 Gauss
- Product security
- Reduce WHS issues caused from cleaning heavy magnets
- Eliminate risk of metal fragment issues caused by magnets not being cleaned properly (reduce operator error).
- Machinery and plant protection
- Customer satisfaction
- Risk reduction
- Conformance with 0909MAGSEP 1-2010 Standard.



Units can be sized to suit existing chutes and hoppers and replace existing low strength or inefficient grate magnet configurations.

The unit can be supplied with standalone automatic controls in an IP rated stainless steel enclosure or the unit can utilise in house PLC pneumatic controls.

Ram sizes are 2" (51mm) in diameter and can be configured in single magnet bars through to multiple Rams in Housing.

The rams rotate/twist when retracting to equalise abrasive wear and avoid material buildup.

## Testimonial

"We experienced customer issues with metal including drenching capsule spring pieces. MAGNATTACK™ Global assisted us and came up with the MAG-RAM™ system which allowed us to remove these metal contaminants and I have no hesitation in recommending this equipment to the rendering industry.

It has been a great investment which has undoubtedly proved its worth over nearly 3 years. There has been negligible maintenance. Since we load out of the MAG-RAM™ into skips in a driveway, we invented a vacuum cleaner system to suck away the metal fragments and deposit them in a vacuum drum beside the driveway. MAGNATTACK™ appreciated what we did and now have a pneumatic transfer option of their own as standard.

I must say the MAG-RAM™ self-cleaning separator has given us assurance that we have a safer, much cleaner and more valuable product than before. Highly recommended innovation!"

Scott Newton — Southern Meats



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[www.magnattackglobal.com](http://www.magnattackglobal.com)



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