K-FACTOR FILTER
FILTRATION SOLUTIONS

Your Innovative Filtration Solutions Provider

Magnetic Separation

K-MAG FILTER

K-Factor's K-MAG filter is an in-line industrial magnetic separation system that delivers 80% better capture rates than conventional magnetic separators. The K-MAG is fully automatic, self-cleaning and it's stainless-steel construction means it's extremely durable. Operating continuously and requiring no maintenance or downtime the K-MAG filtration solution will save you both time and money immediately. The K-Factor K-MAG represents the latest evolution of self-purging high intensity magnetic filters for high flow, high contamination industrial applications.

Tel: 289-362-6108
Toll Free: 1-855-593-7301
Website: www.kfactorfilter.com

CERTIFIED ISO 9001:2015

WHAT A K-FACTOR K-MAG FILTER CAN DO FOR YOU?

K-Factor's K-Mag Filter system offers the most advanced technology. Engineered and designed to suit countless industrial applications where the removal of unwanted solids from liquids is required. The K-Factor K-Mag Filter is a fully automated, self-cleaning system that saves you money by eliminating maintenance and downtime.

We can fully customize your K-Factor Filter to meet your specific needs with the following options:

- Solid State PCB Controls
- Buna or EPDM ETP O-Rings
- Spring Return Actuator

APPLICATIONS

- Automotive
- Grinding
- Honing
- Machining
- Engine washing
- Pump protection
- Motor protection
- Parts washing
- Steel mill wash lines
- Spray nozzle protection
- Coolant recovery
- Milling

FEATURES

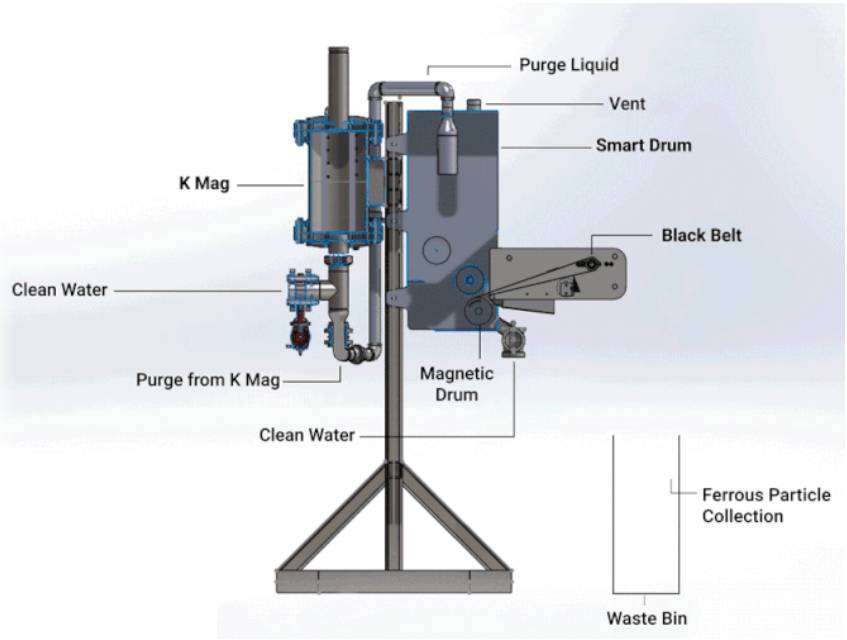
- Self -cleaning
- Fully automatic
- Fitted Inline
- Continuous operation
- Magnetic strength (10,000 Guass)
- All stainless steel contruction
- Flows from 12 GPM & up

BENEFITS:

- No maintenance
- Cost saving
- Easy installation
- No down time
- 15 times more powerful than conventional type
- Durability and long life
- Meets all flow requirements

HOW THE K-MAG WORKS

1. Contaminated fluid enters K-Mag from its top connection at system pressure.
2. The dirty fluid comes in contact with the thin walled, stainless steel tubes that contain powerful rare earth magnets.
3. The flow velocity inside is reduced, maximizing the contact time the particles are in contact with the magnetic field.
4. The combination of high-intensity magnets, low flow velocities, and a unique flow path will provide 80% better capture rates than conventional magnetic separators.
5. Once a sufficient quantity of debris is captured on the magnetic tube, an automatic purge is initiated. Using compressed air, the magnetic core is shuttled above the internal baffle plate. 100% of the captured solids are quickly released as the magnetic force is removed.



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