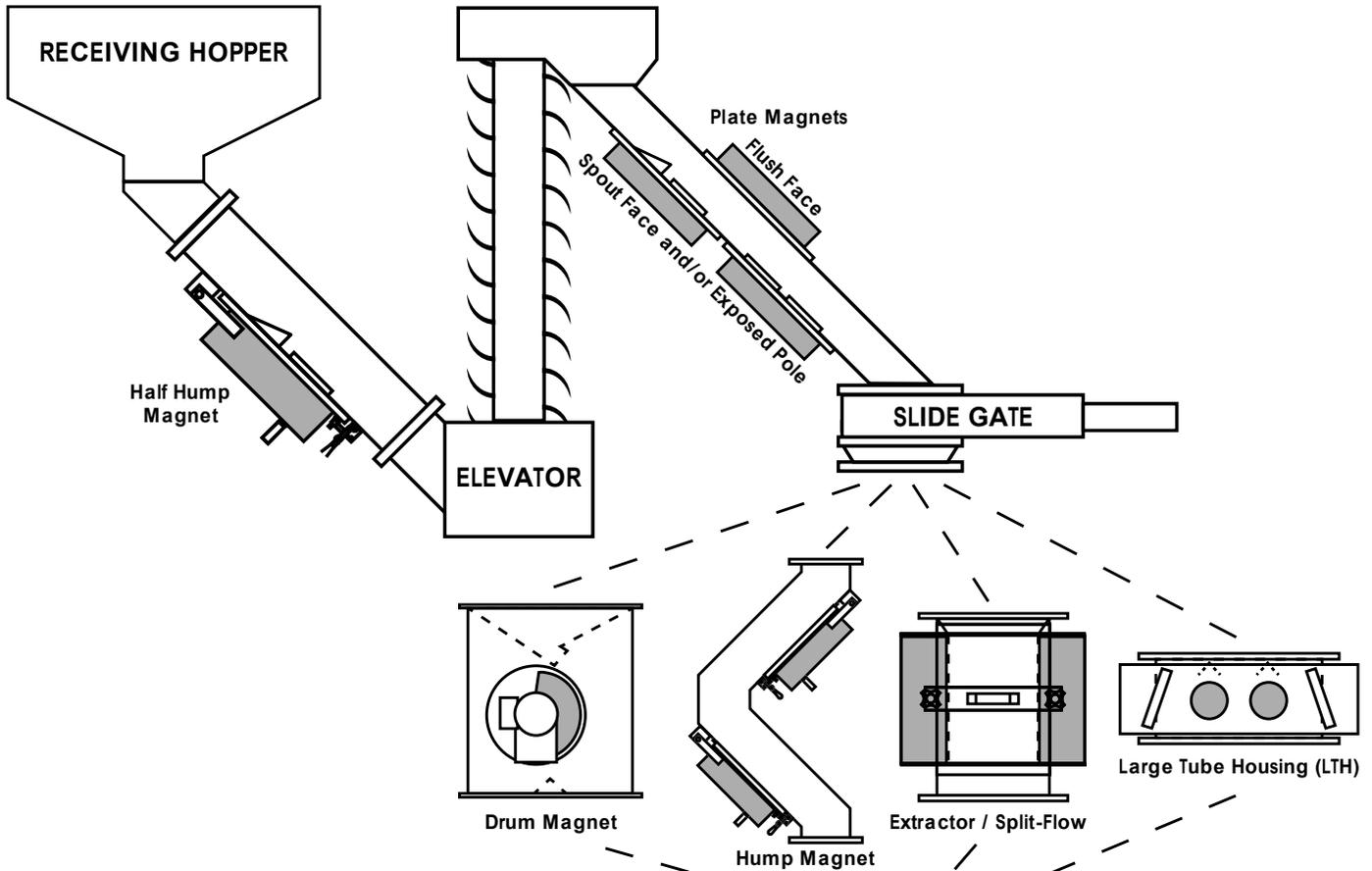




Dense, Coarse & Bulk Material Flows

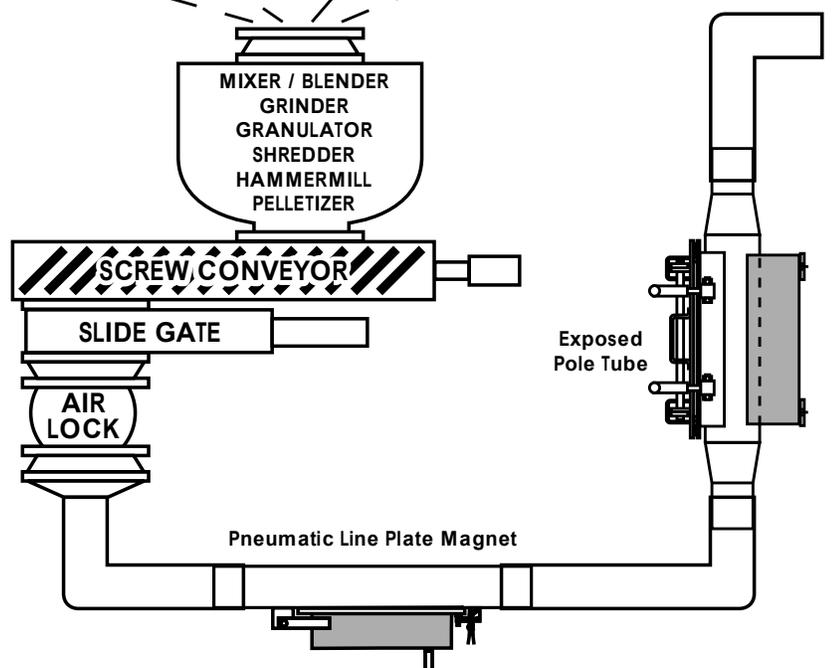


Magnets Outside Of The Product Flow

These magnets are designed to reach into the product flow area, pulling out tramp metal from product stream without causing potential bridging issues, size reduction or product degradation.

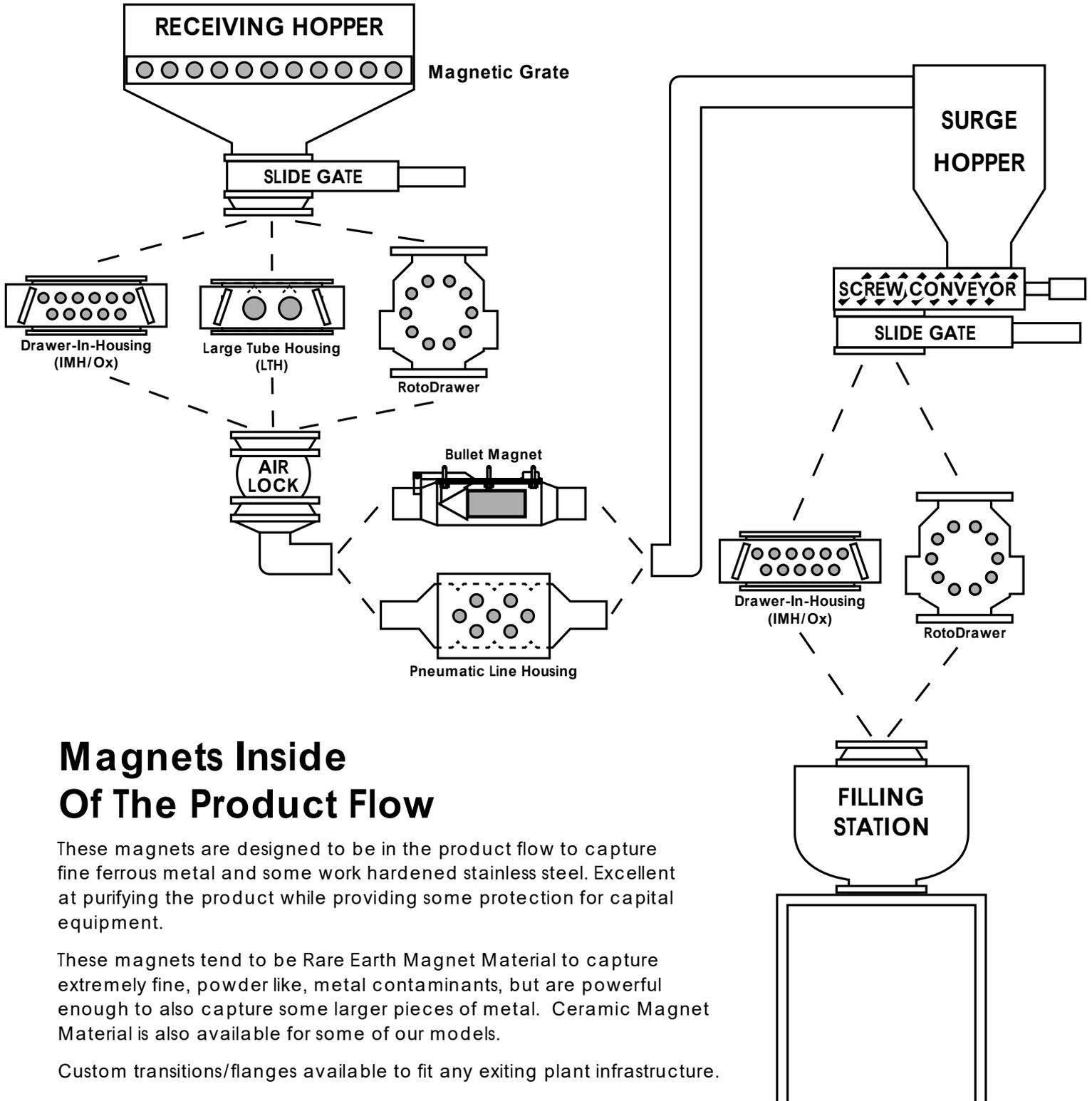
These magnets tend to be Ceramic Magnet Material to capture larger metal contaminants such as nuts, bolts, washers paperclips, etc. Rare Earth Magnet Material is also available for most models.

Excellent at protecting capital equipment while purifying the product. Custom transitions/flanges available to fit any exiting plant infrastructure.





Fine, Free Flowing Materials



Magnets Inside Of The Product Flow

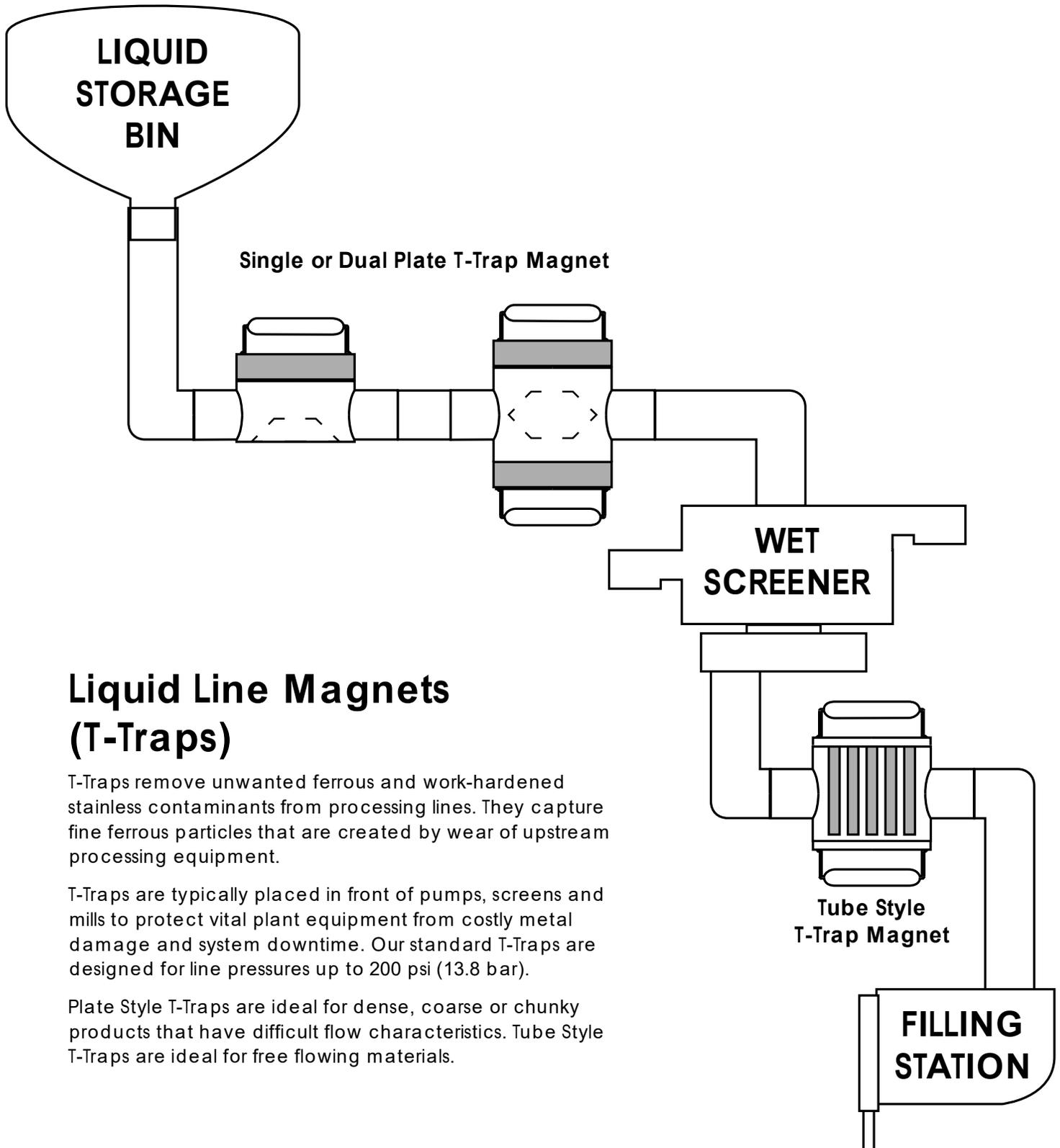
These magnets are designed to be in the product flow to capture fine ferrous metal and some work hardened stainless steel. Excellent at purifying the product while providing some protection for capital equipment.

These magnets tend to be Rare Earth Magnet Material to capture extremely fine, powder like, metal contaminants, but are powerful enough to also capture some larger pieces of metal. Ceramic Magnet Material is also available for some of our models.

Custom transitions/flanges available to fit any exiting plant infrastructure.



Liquid Line Flowing Materials



Liquid Line Magnets (T-Traps)

T-Traps remove unwanted ferrous and work-hardened stainless contaminants from processing lines. They capture fine ferrous particles that are created by wear of upstream processing equipment.

T-Traps are typically placed in front of pumps, screens and mills to protect vital plant equipment from costly metal damage and system downtime. Our standard T-Traps are designed for line pressures up to 200 psi (13.8 bar).

Plate Style T-Traps are ideal for dense, coarse or chunky products that have difficult flow characteristics. Tube Style T-Traps are ideal for free flowing materials.



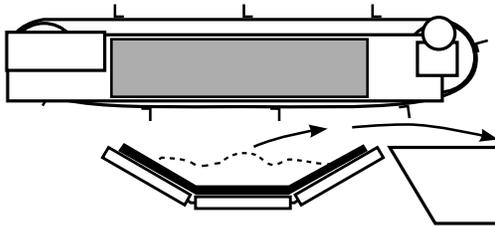
Belt Conveyed Materials

CROSS-BELT APPLICATIONS

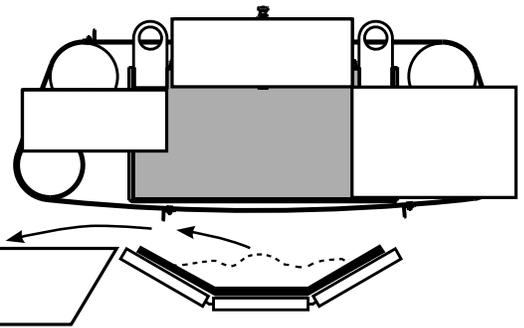
Self-Cleaning Suspended Magnets

Self-Cleaning Suspended Permanent and Electromagnets offer optimum operating efficiency with a continuous cleaning belt to keep the magnet face free of collected metal. The powerful, deep reaching magnetic circuit pulls metal to the face of the magnet where the cleaned belt can remove the metal off the end of the magnet and out of the product flow.

Self-Cleaning Permanent Magnets (SMS)



Self-Cleaning Electromagnet (SEMO-SC)



METAL COLLECTION

IN-LINE APPLICATIONS

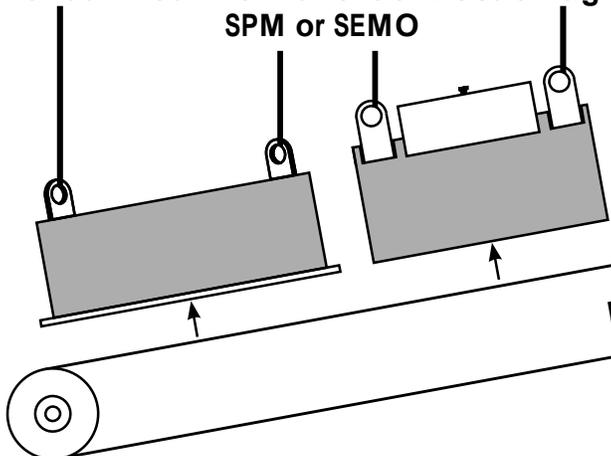
Manual and Self-Cleaning Magnets

Suspended Magnets are designed for separation of ferrous metal from a variety of over-the-belt conveyor applications. Proven in industries such as Mining, Aggregate, Recycling, Tire Shredding, Foundry, Wood Chip, Pulp & Paper, Power Generation, Construction and Demolition.

Drum Separators provide continuous ferrous metal removal and self-cleans in the process. Utilizing a stainless steel rotating drum around a stationary permanent magnet, ferrous metal sticks to the stainless drum due to the magnetic field and is rotated out of the clean product flow.

Separation Pulley Magnets are typically installed as head pulleys in conveyor system applications. They provide effective, automatic and continuous removal of tramp metal from material flow.

Manual Clean Permanent or Electromagnet (SPM or SEMO)



DRUM, SMS or SEMO-SC

