

THE G5 ADVANTAGE

The G5 Core Design

IMT's internal magnetic core design maximizes magnetic field strength ensuring maximum reach out and holding forces. Our unique design focuses the magnetic field directly into the product stream, unlike some competitor models who are prone to project around the magnet which introduces performance challenges and loss of strength.



The G5 Cross Belt Upgrade Kit

With an IMT magnet installed, plant operators often encounter excess tramp metal extraction than they expected which creates cleaning challenges on manual cleaning magnets. To alleviate this, the IMT G5 Suspended Plate Magnet offers the flexibility to easily upgrade from manual cleaning to a continuous self-cleaning cross belt separator.



The G5 Cross Belt Upgrade Kit fully automates the separation and discharge of ferrous tramp material. The G5 CBU Kit is easily installed with only four (4) bolts and splicing the cross belt system. This kit is only available for IMT G5 Series suspended permanent magnets.

The G5 Actuated Maintenance System (AMS)

IMT's patented* manual self clean stand to allow operators to quickly, effortlessly, and safely remove captured tramp metal from the permanent magnetic separators surface. The frame eliminates the need for operations to come up with a costly suspension system for the separator while providing a safe and simple method of cleaning the captured tramp from the magnets surface.

The system is simple to install, offers full height adjustment and includes a mounted winch, enclosed AGM battery, waterproof fully interactive on-board charger, lifting clevises and a remote switch which can be used from either side of the conveyor.



*US Patent#10,112,201B2

G5 SYSTEM OPTIONAL EQUIPMENT



The G5 SPM Stand

Simplify the installation of a suspended plate magnet over your conveyor with an IMT SPM Stand. IMT's SPM Stands are custom designed to fit your conveyor system assuring reduced installation costs, labour time, effortless height adjustment, and consistent recovery from your suspended plate magnet. Request a specification sheet today from your local IMT sales contact.



AMS Solar

The Actuated Maintenance System offers a Solar option over the 120V standard charging system. By utilizing this option, operations do not require any outsourced electrical power thereby eliminating wiring and connection issues creating a simple and effective method of cleaning the magnet face.



Enhancing Idler

The IMT Enhancing idler will increase recovery performance of a suspended magnet (including cross belt separators). The idler is positioned 1/3 of the way under the magnet to flatten and create an upward movement of tramp towards the magnetic field. This action also opens up the material enhancing the magnetic separators effectiveness.



Customization

IMT specializes in designing custom suspended plate magnets to ensure optimal recovery even in the most challenging applications and environments.



QUALITY AT THE CORE

Quality control plays a critical role in all aspects to maintain high standards in IMT's manufacturing process.



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