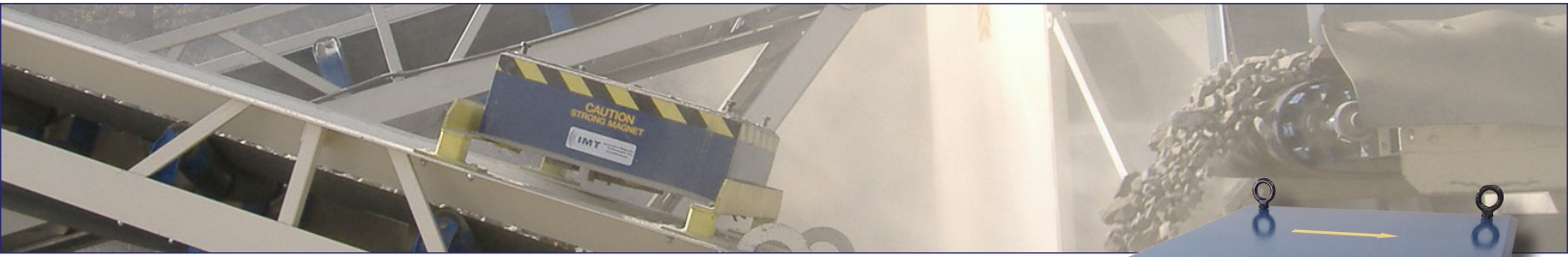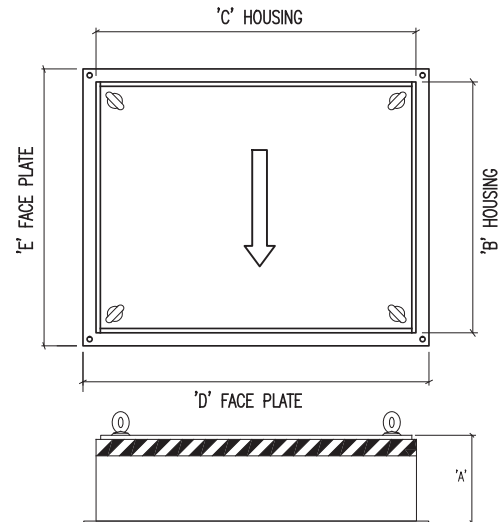## SUSPENDED PLATE MAGNETS

Extract ferrous contaminants from industrial belt conveyors and provide protection for downstream equipment. Permanent magnetic forces provide continuous and effective removal of unwanted tramp metal and will increase uptime, reduce maintenance costs and provide a metal free product.

INTRODUCING THE IMT G5 SERIES

STRENGTH IN DESIGN - The IMT G5 magnetic core 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.

ECONOMICAL - Unsure of how much tramp iron you will encounter? The G5 series suspended plate magnet allows operations to upgrade to continous self-cleaning crossbelt separator option within minutes.

UPGRADEABLE - The SPM series magnet is the core of the G5 system which offers multiple upgrades such as cross-belt / inline self cleaning kits and the AMS actuated maintenance stand.

SPM mounted over a Head Pulley

SPM Model Specifications

BELT WIDTH	MODEL	A	B	C	D	E	WEIGHT (LBS)
24	SPM 2433-10	10.5	21	30	24	33	1205
30	SPM 3033-10	10.5	27	30	30	33	1675
36	SPM 3633-10	10.5	33	30	36	33	1870
42	SPM 4233-10	10.5	39	30	42	33	2230
48	SPM 4833-10	10.5	45	30	48	33	2625
54	SPM 5433-10	10.5	51	30	54	33	2995
60	SPM 6033-10	10.5	57	30	60	33	3335

Custom Sizes Available - Contact your local IMT Representative

QUALITY AT THE CORE™

APPLICATION WORKSHEET

Company: _____

Contact: _____ **Address:** _____

Phone: _____ **City:** _____ **State/Prov:** _____

Email: _____ **Postal:** _____ **Country:** _____

- ☐ Suspended Plate Magnet
- ☐ Cross Belt Separator
- ☐ Magnetic Head Pulley
- ☐ Electromagnet
- ☐ Magnetic Plate Separator
- ☐ Drum Separator
- ☐ VIBRA-SEP
- ☐ Grate Magnet
- ☐ Unknown

APPLICATION INFORMATION

Type of Material: _____ **Bulk Density:** _____

Particle Size Range: _____ **Product Temp:** _____

Max Lump Size: _____ **% Moisture:** _____

Ferrous Size Range: _____ **Burden Depth:** _____

CONVEYOR INFORMATION

Flat Belt ☐   **Troughed Belt** ☐   **Conveyor Incline:** _____   **Ambient Temp:** _____

Chute ☐   **Vibratory** ☐   **Belt Width:** _____   **Head Pulley Dia:** _____

Other (Please Specify): _____   **Belt Thickness:** _____   **% Moisture:** _____

Belt Speed: _____   **Plant Voltage:** _____

NOTES: