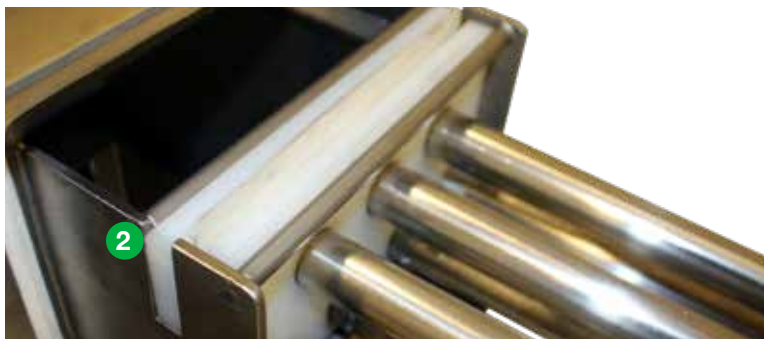
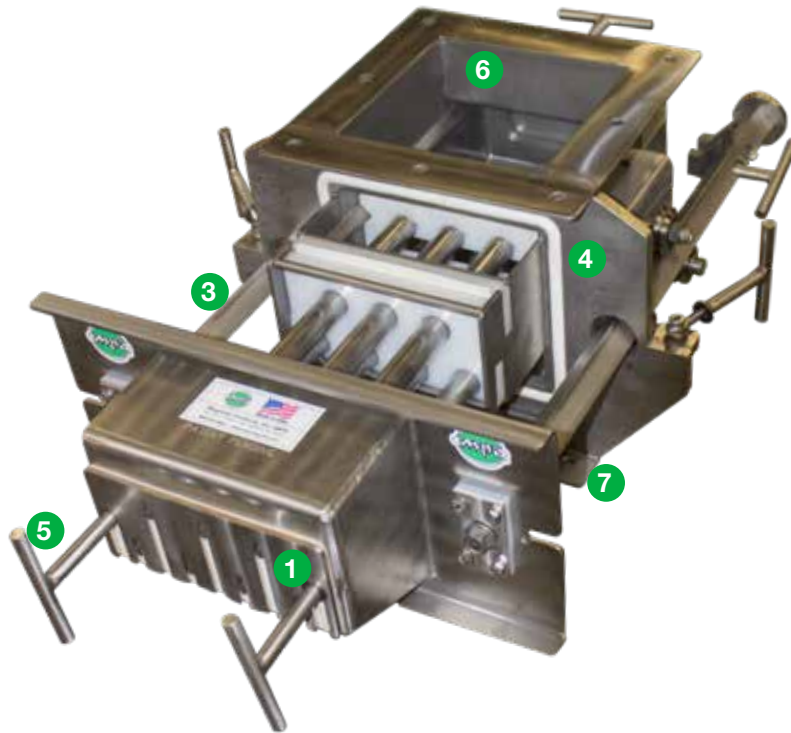




Magnets | Material Handling
Electronic Inspection | Service

Sanitary Toolless Drawer Magnet Quick-Clean

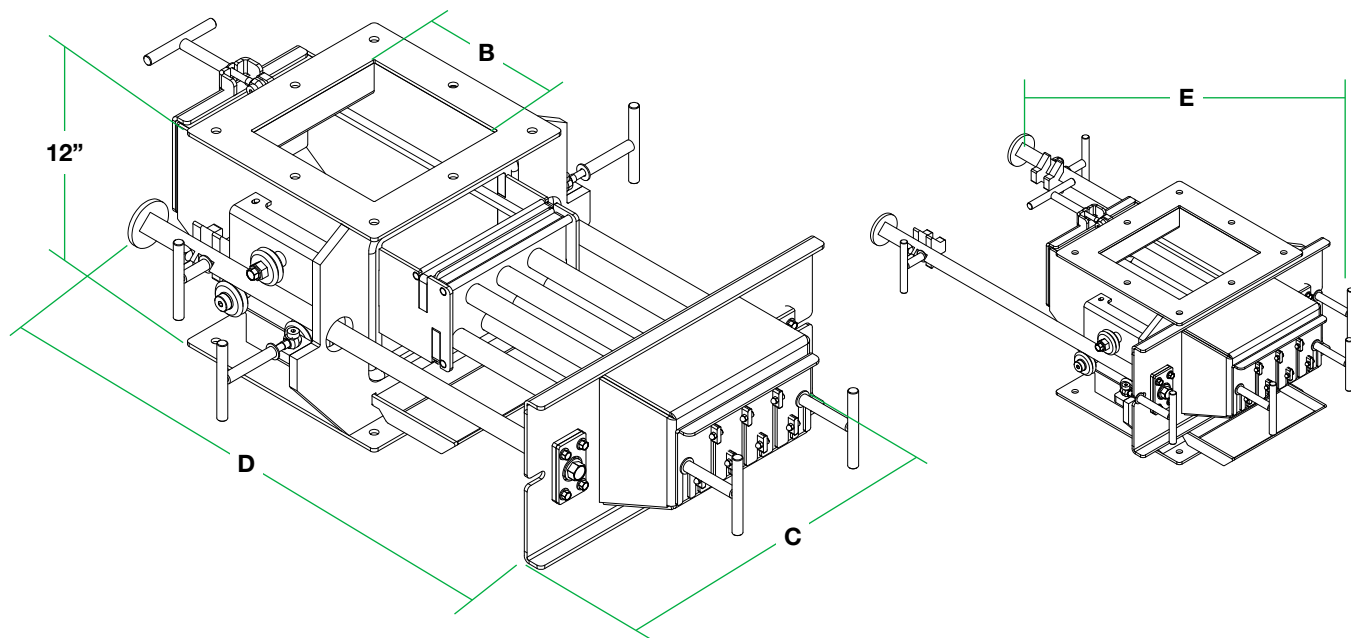
Series: ILGDM-QC



- 1 Patent Pending Sanitary Design:**
 - Locking tubes do not require fasteners and leave no cracks or crevasses
 - No fasteners in the working area for proper sanitary design
 - Allows toolless maintenance and sanitation (safety fasteners included for self-clean models)
- 2 Stripper Block:**
 - Tool-less cartridge style stripper design for quick and easy replacement and sanitation
 - Fixed outside product flow to prevent jams and cleaning of tubes in product flow
 - Dual stripper design to remove ferrous fines commonly left behind by single stripper designs
 - Material: FDA approved UHMW & Buna
- 3 Cleaning Cycle:**
 - Start: Unlatch the drawer and pull the magnetic tubes through the stripper assembly to deposit the collected tramp iron from the magnetic tubes into the collection tray
 - Finish: Push the magnetic tubes back through the stripper assembly into the housing (working position) and re-latch the drawer
- 4 Sani-TIGHT Seal™ Gasket**
 - Type: Compression style "O-ring" cord gasket
 - Sealing plate: ½" thick machined stainless plate
 - 100% Positive seal, cannot be over-compressed
 - Sanitary: Can be removed for wash-down, no adhesive required
 - Material: FDA approved silicon
- 5 Easy Grip T-handles**
- 6 Rear Access Panel:**
For easy inspection and maintenance
- 7 Tramp Iron Collection Tray:**
 - Attachment: Removable cantilever tray
 - Locking notch prevents tray from vibrating loose
- 8 Robust Drawer Tracking:**
 - Type: DualVee guide wheels
 - Material: Stainless steel square bar and wheels
 - Design: Self-cleaning for harsh environments
 - Stops: (3)
 - Stop 1: For regular cleaning, factory default
 - Stop 2: For replacing stripper mechanism or sanitation, tool-less
 - Stop 3: For replacing magnetic tubes, tools required

*Specifications subject to change

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ILGDM-QC Selection Guide

ILGDM MODEL NUMBER	FLOW OPENING "B"		OVERALL WIDTH "C"		OVERALL LENGTH "D" (DRAWER OPEN)		OVERALL LENGTH "E" (DRAWER CLOSED)		NUMBER OF MAGNETIC TUBES 2-ROWS	APPROX. UNIT WEIGHT		FLOW RATE FT ³ /HR
	IN.	CM.	IN.	CM.	IN.	CM.	IN.	CM.		LBS.	KG.	
ILGDM 8	8	20.32	19	48.26	64	162.56	35	88.9	7	120	54	600
ILGDM 10	10	25.4	21	53.34	100	254	39	99.06	9	150	68	1,350
ILGDM 12	12	30.48	23	58.42	144	365.76	43	109.22	11	180	81	2,400
ILGDM 14	14	35.56	25	63.5	196	497.84	47	119.38	13	210	95	3,037

Units larger than 14" square are available as a self-clean model only. Reference the self-cleaning model (ILGDM-SC) datasheet for specifications.

ILGDM-QC Selectable Options

Cleaning Method:

- **Manual quick-clean (standard)**
- Automated self-cleaning [reference datasheet ILGDM-SC]

Material Construction:

- **304 Stainless Steel (standard)**
- 316 Stainless Steel

Magnetic Tubes [reference datasheet MT]:

- Ceramic
- REN Rare Earth
- **Hi-G high performance Rare Earth (standard)**
- TW Thin Wall high performance Rare Earth

Magnetic Material Temperature:

- 400° @ 3.5 MGO (ceramic)
- **176° F @ 52+ MGOe (rare earth) (standard)**
- 248° @ 48 MGO (rare earth)
- 356° @ 38 MGO (rare earth)
- 662° @ 30 MGO (rare earth)

Tube Spacing:

- **2" horizontal and vertical spacing (standard)**
- 3" (approx.) horizontal and vertical for increased flowability (recommended for products that bridge or choke) (adds 1" to OAH)
- 3" (approx.) horizontal only for increased flowability (available for height restrictions only)
- Custom configurations available

Tube Coatings:

- **Stainless steel with no coating (standard)**
- Synergistic Coating [reference datasheet Synergistic Coating]

Gasket Material:

- **White silicon, FDA approved (standard)**
- Buna, FDA approved
- Metal detectable blue silicon, FDA approved

Stripper Material:

- **UHMW material (standard)**
 - Maximum temperature: 180° F
- Hydrex material
 - Higher wear resistance compared to UHMW
 - Higher maximum temperature: 221° F
- Teflon material
 - Higher wear resistance compared to UHMW
 - Higher maximum temperature: 500° F

Position Switch: For unit closed confirmation or safety interlock

- **Not included (standard)**
- Proximity switch for unit closed confirmation (MPI Standard model and mount)
- Mechanical safety switch for unit closed confirmation and safety (MPI Standard model and mount)
- Switch mounting bracket only (customer supplied switch)
- Customer specified model

Transitions: Stainless steel transitions for easy installation

- **Not included (standard)**
- Inlet, outlet or both, configured as required for installation

Companion Flanges: Matching companion flanges for customer to weld onto existing chute work for easy installation

- **Not included (standard)**
- Stainless steel companion flanges
- Carbon steel companion flanges

Housing Vibrator: Housing mounted vibrators improve product flowability over magnetic tubes

- **Not included (standard)**
- Pneumatic vibrator

*Specifications subject to change

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