

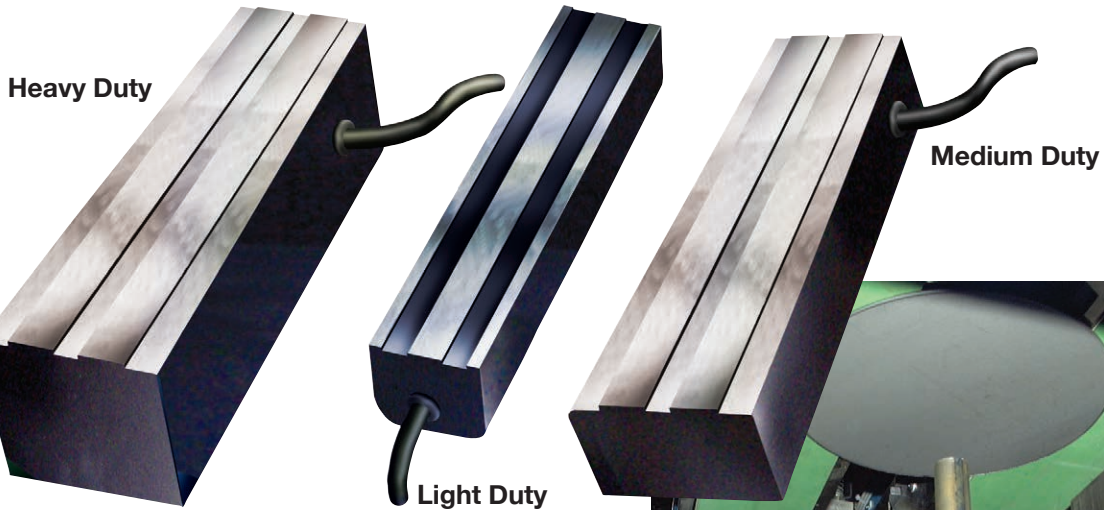


Electromagnet Conveying Rail

Hold Ferrous Parts Firmly To Your Belt During Conveying

AUTOMATION

AG-08E



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APPLICATIONS:

- Automated Sheet Handling
- Transfer of parts between presses
- Stacking/Destacking
- Overhead Conveying

INTRODUCTION:

IMI's Magnetic Electro-Rail is commonly used for automated conveying, transferring and lifting of steel sheets and parts in various industries including: Automotive, Appliance, and Office Furniture. Electro-Rail eliminates the need for costly and time-consuming manual handling and feeding of presses, magnetic electro-rail increases production speeds and improves safety. They also are ideal for use in conjunction with many Magnetic Skate Rail applications.

Using a powerful electromagnetic circuit to hold steel objects during conveying, these electromagnets provide on/off capability and allow the user to control drop points throughout the system.

BENEFITS:

- Automated press feeding
- Controlled Drop Points

FEATURES:

- Continuous duty
- On/Off cycling for drop zones
- Handles variety of sheet thicknesses
- Industrial duty construction
- Stainless steel housing
- Rapid cycling capabilities
- Pre-tested coils prior to delivery
- Customer specified mounting

OPTIONS:

- Customized designs readily available
- Standard and custom power supplies (See Tech Sheet AG-10B)
- 3 pin, automotive-style, power cable connectors (3 Ft. increments)
- Waffle top Stainless construction
- Epoxy potted for impact/vibration resistance

Key Markets

Stamping, Fabrication, Blanking

Related Products

Sheet Fanners, Transporters®, Electromagnets

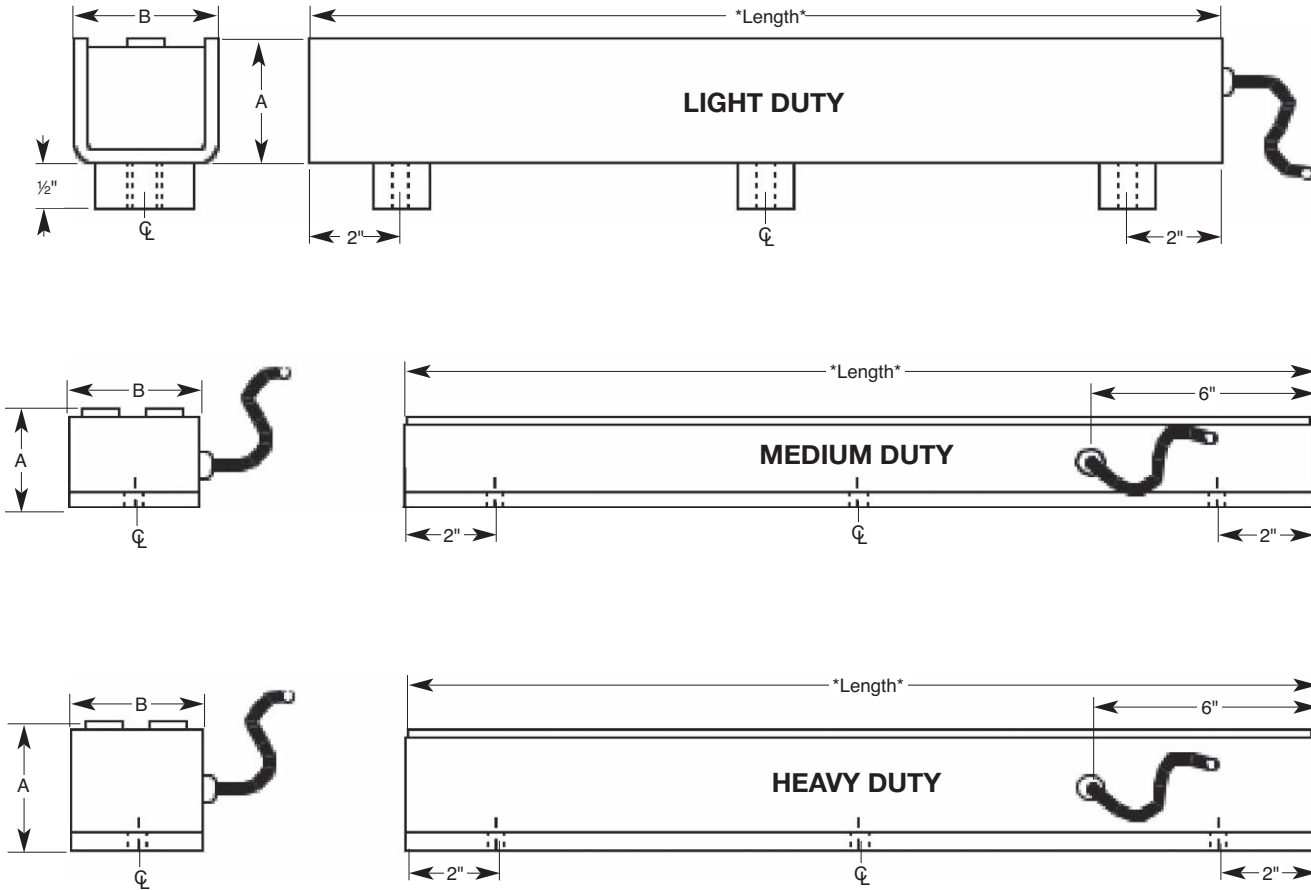
Conveying Rail Specifications

Dimensions and Specifications Standards

SPECIFICATIONS:

- Stainless steel and mild steel construction
- 110v DC operation
- 70° - 90° C temperature rise
- SJO Cable (36" Standard Length) with Strain Relief Fitting

ELECTROMAGNETIC CONVEYING RAIL DIMENSIONS:



Type of Rail	Height A	Width B	Approx. Wt. Lbs./Ft.	Approx. Watts/Ft.	*Length*
Light Duty	2 $\frac{1}{4}$	2 $\frac{1}{2}$	12	50	Length is specified as required by project.
Medium Duty	2 $\frac{1}{2}$	3 $\frac{3}{8}$	20	100	
Heavy Duty	3 $\frac{3}{4}$	4 $\frac{1}{2}$	33	125	

*Dimensions representative of product at date of publication. If dimensions are critical, call for up-to-date changes.

INSTALLATION:

- Non-ferrous mounting framework is suggested
- Customer mounting configurations are required to ensure correct product design and application