

# PERMANENT LIFTING MAGNETS

## SafeHold® APL-serie

*Lift, move or position in less time, efficiently and economically, without having to manually release the magnet. SafeHold® Lifting Magnets make quick work of difficult, time-consuming steel handling.*

With the new SafeHold® APL Series permanent lifting magnets you can lift and transfer steel and iron without slings, hooks or cables. And without marring the surface. They require fewer operators and helpers, and when properly installed and operated, provide greater safety than other mechanical material handling devices. The SafeHold APL Series is ideal for loading and unloading steel sheets from burning tables or anywhere that limits operator access. They can be used singly or in multiples on a spreader beam.

### FEATURES

SafeHold® APL Series permanent magnets turn off and on automatically to provide smooth operation for hundreds of lifting positioning applications.

- No manual magnet activation required
- No electricity needed, so power failures don't interrupt operation
- Continuous magnet power until magnet is turned off
- No costly D.C. power supply
- No batteries to recharge or replace

ON'-position



'OFF'-position



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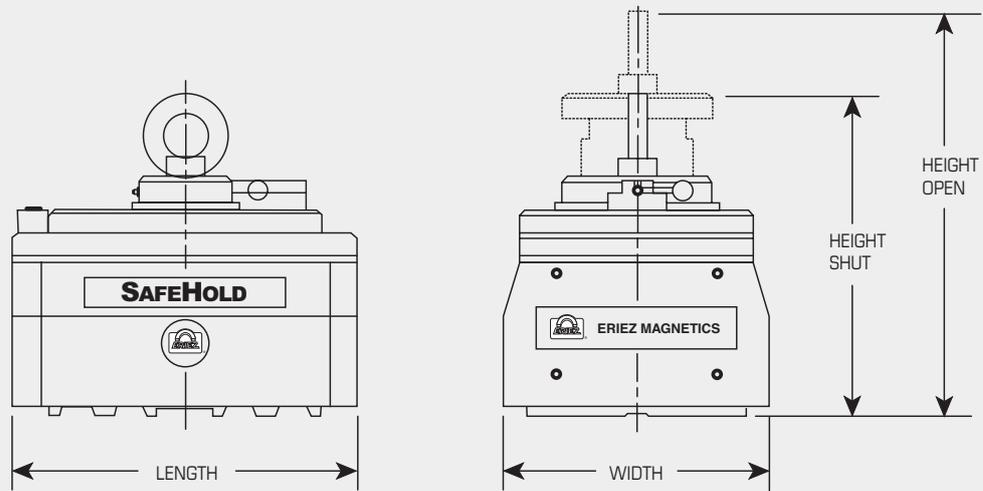
Ideal for carrying semi-finished products with flat surfaces such as machine parts, press molds for forming, steel plate, etc. Permanent magnetic type, requiring no power supply, thus eliminating hazards due to failure of wiring system or service interruptions. Small lightweight magnet features powerful magnetic force.

Operation is easy. Internal on/off changeover mechanism eliminates possible scratches on the work surface when loading/unloading.

Combine several SafeHold lift magnets to conform to the specific shape and weight of complex work pieces.



### SPECIFICATIONS



Drawing number Eriez	Model number APL-serie	Length		Width		Height (shut)		Height (open)		Eye hook diameter		Weight kg	Lifting capacity flat steel (3:1 SF) kg
		inch	mm	inch	mm	inch	mm	inch	mm	inch	mm		
3R9938862	APL-150	10-5/16	262	9-9/16	243	9-7/8	251	16-5/8	422	2	51	70	283
3R-9910052	APL-152	11-3/4	298	13-15/16	354	16-15/16	430	21-1/2	546	1-7/8	48	156	500
3R-9910048	APL-154	18-3/16	462	13-15/16	354	17-5/8	448	22-1/8	562	2-3/8	60	266	1100
3R-9910049	APL-156	24	610	13-15/16	354	17-5/8	448	22-1/8	562	2-3/8	60	326	1753

**NOTE:**

1. These are actual ratings on flat, clean, polished steel plate.
2. Maximum attractive force of each model is approximately twice the Lifting Capacity.
3. Thin sheets, rough and irregular surfaces, odd shapes and scale all affect holding power adversely and must be considered in establishing a safety factor.

Dimensions and specifications are subject to change without notice.