

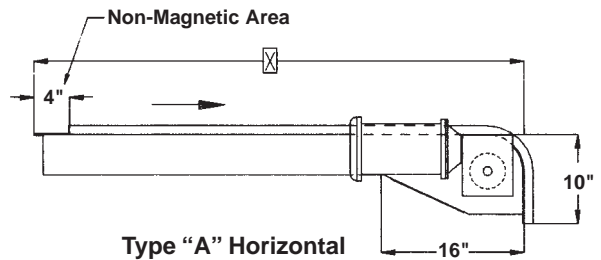
MagSlide™ Medium-Duty Conveyors

Medium-Duty Conveyors are ideally suited for removing small parts, chips, and turnings from machining centers throughout your plant. They come in a variety of standard lengths and widths and work equally well for machining, milling, stamping, slitting, and forming operations. For especially demanding applications, powerful Rare Earth magnets can be substituted for the standard Ceramic magnets.

Medium-Duty MagSlide conveyors come in two versatile configurations. Type A Straight Frame MagSlide Conveyors can be mounted horizontally to transfer parts between chutes, bins, and other conveyors...or inclined to elevate and transfer parts to containers or successive operations. Type B Angled-Incline MagSlide Conveyors can capture and transfer material dropped from machining or stamping operations to containers or other work areas.



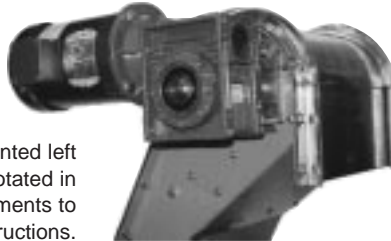
Type "A" Horizontal MagSlide



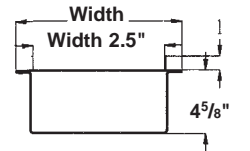
Type "A" Horizontal



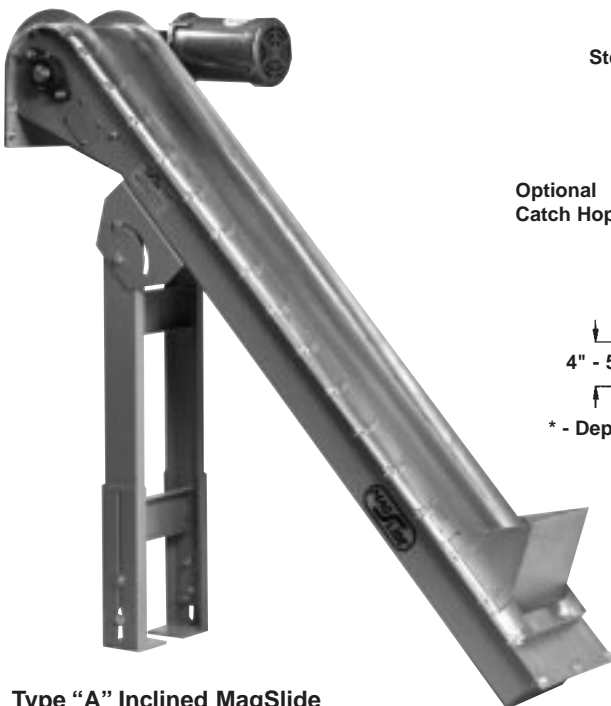
Supplemental oil fittings allow the use of manual or automatic oilers to extend chain life.



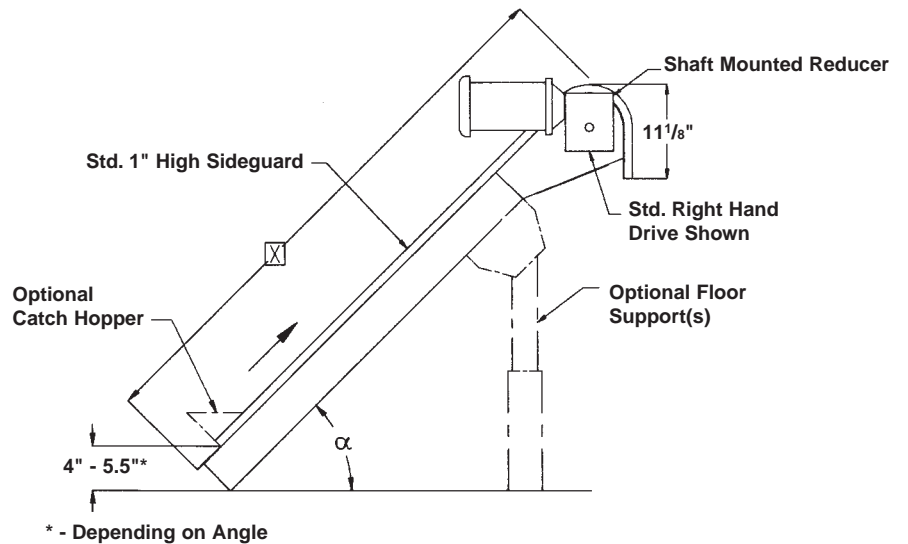
Drives can be mounted left or right and rotated in 45-degree increments to avoid obstructions.



Typical Cross-Section



Type "A" Inclined MagSlide



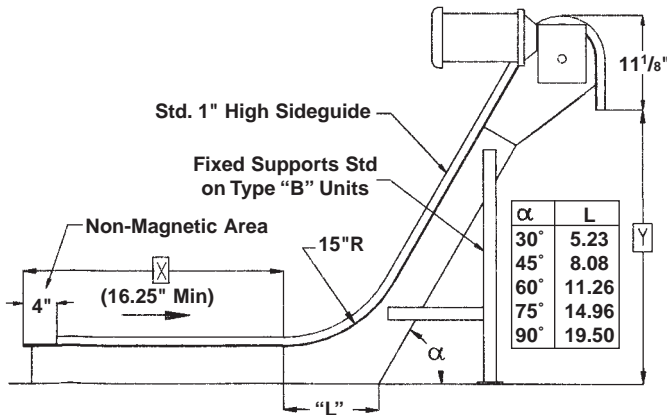
Type "A" Incline

* - Depending on Angle

See page 6 for application information.



Type "B" Angled-Incline MagSlides are ideally suited to transfer material from machining centers and stamping presses to totes, bins, or other work areas.



Type "B" Incline

Specifications and Options

Frame Widths: 10", 12", 15", 18".

Guidework: Oil-filled UHMW chain guide provides continuous lubrication; supplemental oil fittings are provided to further extend chain life.

Magnets: Std ceramic on 12" c/c; Rare Earth magnets and custom centers for special applications.

Sliderbed: 13ga 304SS; optional rigidized (textured) stainless steel available for transfer of oily slugs and scrap.

Sideguides: Std 1" high sideguides; additional chutes, guides, hoppers, tanks and impact plates available upon request.

Drive: Flange-mounted hollow shaft reducer minimizes space and eliminates bulky sprockets and chainguards, std 230/460V, 3ph motor at 30 fpm, 1/4 to 1 hp; drive can be rotated in 45 degree increments and mounted left or right to avoid nearby obstructions.

Supports: Std welded floor supports on Type "B" model. Optional casters, floor supports, skid plates, or mobile bases available on all models.

Construction: 12 ga. mild steel frame with machinery enamel paint. Optional epoxy paint and sealed lower frame for submersible applications.

Controls: Optional toggle switch for 1ph drives or starter with pushbuttons for 3ph drives. Controls supplied either mounted and wired or shipped loose.

Chain: Std #60 roller chain.

Take-Up: Automatic spring-loaded chain tensioning.

Configurations: Available in straight and angled-incline configurations

Other Specifications and Options: See Model Designation chart.

MagSlide™ Medium-Duty Model Designation

Use this chart to describe the conveyor you need when discussing or selecting options, ordering, or requesting quotes.

MSM				- X ¹ -Y ¹ -		
Angle (α)	Width (in)	Type	Drive Type	Drive Side	Drive Speed²	
0 - 0°	10"	A - straight	A - std 230/460V, 3ph	R - right (std)	3 - 30 fpm (opt)	
1 - 15°	12"	B - incline	B - opt 115/230V, 1ph	L - left (opt)	4 - 37 fpm (opt)	
3 - 30°	15"		C - opt air drive		5 - 50 fpm (std)	
4 - 45°	18"		D - opt DC var. speed with 115/230V, 1ph SCR controller		6 - 60 fpm (opt)	
6 - 60°						
7 - 75°						
9 - 90°						

¹ For X and Y dimensions, see drawing above, round up to nearest foot in model number and specify exact length in inches. For type "A" conveyors, omit Y dimension.

² Drive speeds are available from 10 fpm or less to the top-rated speed for each of the four drive-speed options.