

STORCH MAGNETIC SLIDE CONVEYORS . . .

For Efficient Transfer
Of Ferrous Chips,
Stampings, & Parts



Improving Productivity through Magnetic Solutions!



**STORCH
MAGNETICS**
Since 1952

STORCH MAGNETIC SLIDE CONVEYORS . . .

. . . for dependable, maintenance-free operation, and the safe transfer of stock, parts, and scrap materials.

Storch Magnetic Slide Conveyors easily convey hot, cold, wet, oily, and dry ferrous materials virtually anywhere trouble-free transference is required. Magnetic conveyors, with permanent and powerful ceramic magnets chain driven under a non-moving slide plate, are ideal for small turnings, stampings, and small assembly components as well as scrap such as punch-outs, trim stock, and chips.

Whether your need is for light duty jobs or heavy work loads, the four series of

Storch conveyors are designed with all moving parts completely enclosed so there's nothing to jam, become contaminated, or wear. And no external moving parts means these conveyors are safe for employees.

Magnetic slide conveyors from Storch can be configured with perforated side guides, auxiliary collection tanks, and vertical rises to efficiently and economically separate parts or scrap from oils and coolant. This results in simpler coolant reclamation with less wear and tear on filtering equipment. Plus, dryer chips means more value and less danger to the environment.

A far ranging list of options and exclusive features make Storch Magnetic

Slide Conveyors simple to integrate into existing systems or as specified for new installations. Standardized component design and modular construction allow maximum flexibility and adaptability for custom application requirements while minimizing lead times.

What's more, Storch Magnetic Slide Conveyors actually increase your machines' uptimes with their jam-free operation and low maintenance requirements. Automatic chain take-up adjustment, sealed continuous lubrication system, and a special magnet-to-chain "floating" attachment which eliminates binding, all keep Storch conveyors running longer, your production machines running longer, and your profitability soaring.

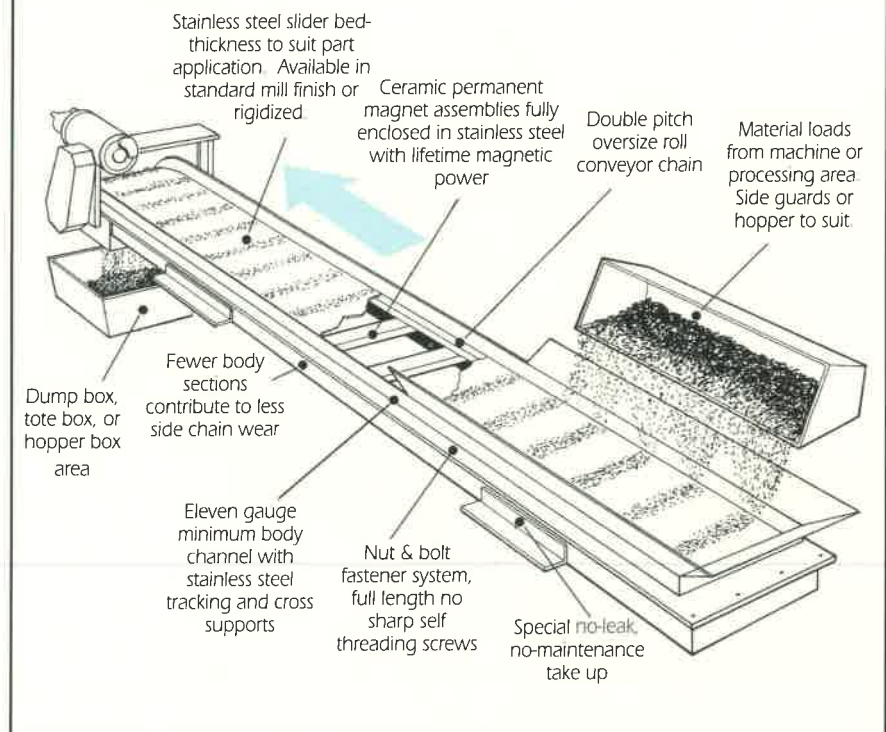
Storch Magnetic Slide Conveyors offer these operational advantages:

- Maintenance-Free, Jam-Free, Safe & Reliable Operation
- Can Be Used in Submerged Applications
- Easily Configured To Custom Applications
- Long Life, Trouble-Free Service
- Storch Provides Free Engineering Assistance For Every Installation

and these features:

- Constant Or Variable Speeds
- Stainless Steel Slider Bed, Single Piece Construction
- All Moving Parts Are Enclosed
- Continuous, Sealed Lubrication
- Simple, Trouble Free Design
- No Belts To Wear Out & Replace
- Smooth & Quiet Operation
- Economical
- Guaranteed Permanent Magnets
- Oil-tight Construction
- Self-Contained

How the System Works



Feature for feature, Storch Magnetic Slide Conveyors outperform all other types of conveyors, providing you with efficient transfers, increased production machine uptime, and lower maintenance costs.

Storch Magnetic Slide Conveyors . . . Fast Response Inquiry Data

Photocopy this form, fill in the requested data, and return to Storch by Fax, **734/591-2582**, for our fastest reply.

Your Name _____ Title _____ Date _____

Company Name _____

Address _____ City _____ State _____ Zip _____

Phone No. _____ Fax No. _____

Type of Operation (Drilling, Milling, Stamping, Broaching, etc.) _____

Description of Material To Be Conveyed (Parts, Press Scrap, Chips, etc.) _____

Material Shape _____ Size _____ Alloy Or Composition _____

Temperature Of Material _____ Samples Available Yes No

How will material be fed to Conveyor? _____ Rate of Production (Pieces Or Pounds/Hour) _____

Wet Or Dry? (If wet, describe liquid type) _____

G.P.M. of liquid onto conveyor inlet _____ If conveyor is to be submerged, how deep? _____

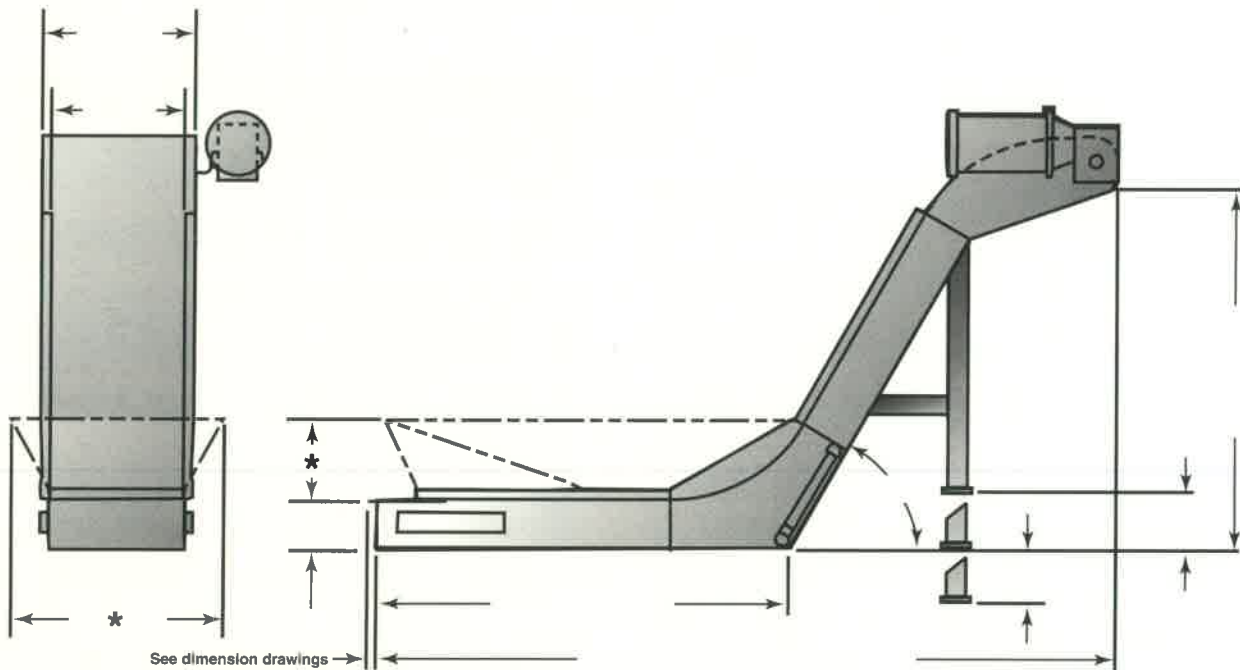
What will conveyor discharge into? _____

Does material need to be demagnetized? _____ Does conveyor require casters? _____

Does application require receiving hopper? _____ Motor voltage? _____

Paint specification _____

Having the proper information will allow us to provide you with a timely and accurate proposal. If your application is a replacement of an existing system, fill in dimensional data below. CAD drawings will be submitted for approval before manufacture. Storch guarantees customer satisfaction for the application as well as parts and workmanship.



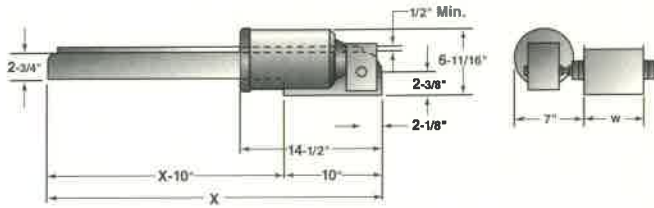
*If input hopper is required - See page 7

4000 Series (Style A Only)

The Storch 4000 Series of Magnetic Slide Conveyors are the economical choice for light duty jobs, providing long, trouble-free, and virtually

maintenance-free operation. Four widths and modular construction allow the 4000 Series conveyors to be tailored to application requirements for work such as the transfer of small

stampings and manufactured parts, for handling lightweight scrap materials, or for moving components (like screws, nuts, and bolts) to assembly operations.

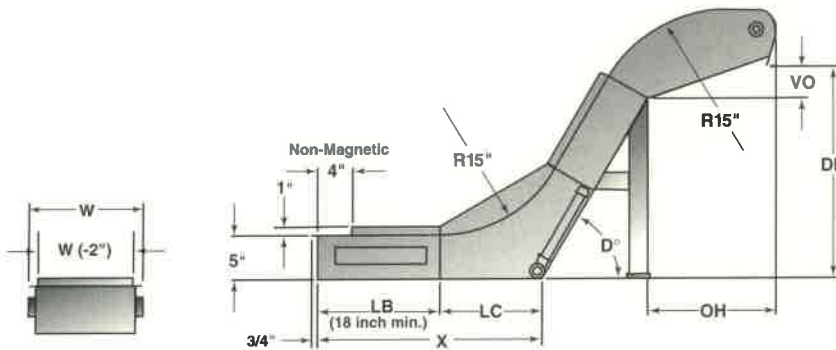


Model No.	W	Lbs/Hr
4004A	4	150
4006A	6	250
4008A	8	350
4010A	10	450
4012A	12	550

Load capacities for #16 gauge x 1/2" dia. steel stamping slugs based on standard 6" magnet centers @ 60 FPM speed.

4200 Series

Widths: 8, 10, 12, 14, 16, 18 inches



Storch 4200, 5200, and 6200 Series of Magnetic Slide Conveyors are built tough for heavy duty service yet require minimal maintenance. These conveyors provide superior strength, wear resistance, and durability because of features such as oversize roller and solid pin conveyor chain construction, large head and tail shaft sprockets, stainless steel chain tracking (double thickness tracking in curves), stainless steel side plates, and Oilite® bronze bearing idler sprockets.

Style	D	X	DH	LB	LC	OH	VO
A	0	*	*	—	—	—	—
B	45	—	*	—	—	13.06	1.93
B	60	—	*	—	—	14.63	4.00
C	45	*	*	*	8.25	—	—
C	60	*	*	*	11.50	—	—
D	45	*	*	*	8.25	13.06	1.93
D	60	*	*	*	11.50	14.63	4.00
D	75	*	*	*	15.38	15.63	6.38
D	90	*	*	*	20.00	16.00	9.00
D1	45	*	*	*	8.25	*	1.93
D1	60	*	*	*	11.50	*	4.00
D1	75	*	*	*	15.38	*	6.38
D1	90	*	*	*	20.00	*	9.00

—Does not apply.
 *Indicates customer furnished dimension.
 All dimensions in inches.
 ■ See page 6 for style designation.

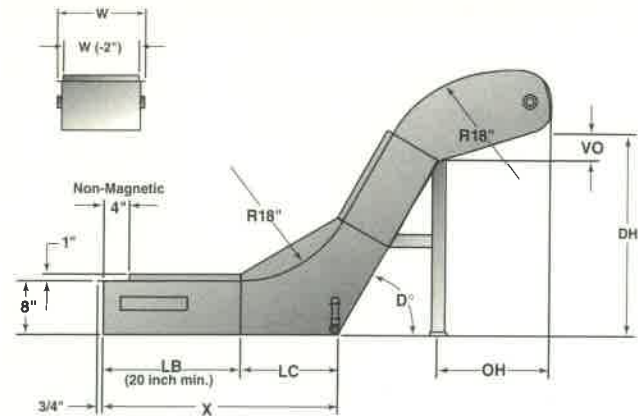
Load Capacity, Lbs/Hr, 4200 Series						
Speed, FPM	4208	4210	4212	4214	4216	4218
	Cast Iron Chips					
25	190	300	375	400	500	570
30	225	360	450	500	590	675
45	340	540	675	750	890	1010
60	450	720	900	1000	1180	1350
Steel Chips						
25	140	225	300	330	420	495
30	170	270	360	395	505	595
45	255	405	540	595	755	890
60	340	540	720	790	1005	1190
Steel Stampings						
25	280	450	550	630	720	810
30	340	540	650	755	865	970
45	505	810	970	1135	1300	1460
60	675	1080	1300	1510	1730	1945

Load capacities assume the following: Standard 12" magnet centers. Cast iron particles no smaller than 1/16". Steel chips are thumbnail size to 1" curls. Steel stampings are #16 gauge x 3/4 dia. slugs.

5200 Series

Widths: 12, 14, 16, 18, 20, 22, 24, 26, 28, 30 inches

Style	D	X	DH	LB	LC	OH	VO
A	0	*	*	—	—	—	—
D	45	*	*	*	10.75	15.06	1.88
D	60	*	*	*	15.00	16.63	4.00
D	75	*	*	*	20.00	17.75	6.43
D	90	*	*	*	26.00	18.00	9.00
D1	45	*	*	*	10.75	*	1.88
D1	60	*	*	*	15.00	*	4.00
D1	75	*	*	*	20.00	*	6.43
D1	90	*	*	*	26.00	*	9.00

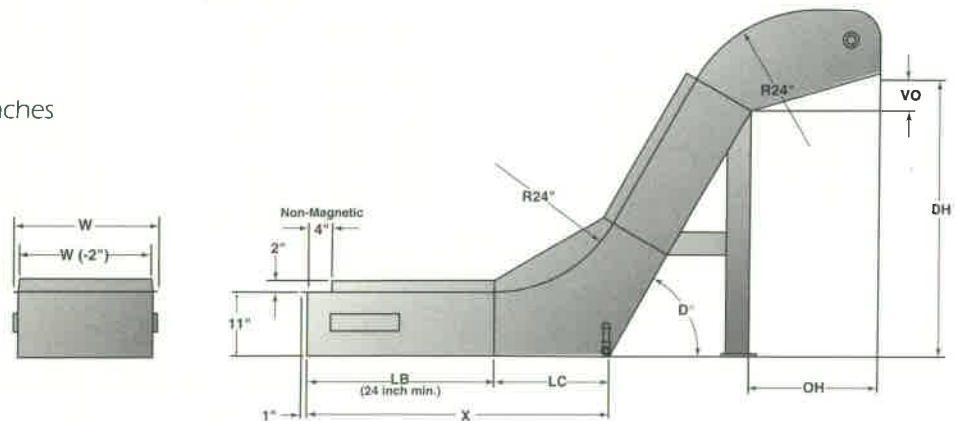


Load Capacity, Lbs/Hr, 5200 Series										
Speed, FPM	5212	5214	5216	5218	5220	5222	5224	5226	5228	5230
	Steel Stampings									
25	610	710	810	915	1015	1115	1215	1320	1420	1520
30	730	850	975	1095	1215	1335	1460	1580	1700	1825
45	1095	1275	1460	1640	1825	2005	2190	2370	2555	2735
60	1460	1700	1950	2190	2430	2675	2920	3160	3405	3650

Standard 12-1/2" magnet centers
Capacities based on #14 gauge x 1" x 2" steel
■ See page 6 for style designation.

6200 Series

Widths: 18, 20, 24, 28, 32, 36 inches



Style	D	X	DH	LB	LC	OH	VO
A	0	*	*	—	—	—	—
D	45	*	*	*	14.50	20.19	2.81
D	60	*	*	*	20.20	23.38	5.50
D	90	*	*	*	35.00	24.00	12.00
D1	45	*	*	*	14.50	*	2.81
D1	60	*	*	*	20.20	*	5.50
D1	90	*	*	*	35.00	*	12.00

—Does not apply. *Indicates customer furnished dimension.
All dimensions in inches.
■ See page 6 for style designation.

Load Capacity, Lbs/Hr, 6200 Series						
Speed, FPM	6208	6220	6224	6228	6232	6236
	Steel Stampings					
25	3750	4165	5000	5835	6665	7500
30	4500	5000	6000	7000	8000	9000
45	6900	7665	9200	10730	12265	13800
60	9000	10000	12000	14000	16000	18000

Standard 12" magnet centers
Capacities based on #7 gauge x 2" x 6" steel

The load capacity charts on these two pages provide a general view of conveyor capacities and are to be used as a guideline only. Consult Storch Engineering if you are applying a magnetic conveyor to conditions other than those listed. When sizing a magnetic conveyor, the important criterion is how much of a load will one magnet handle. When this is known, the hourly or daily capacity is a simple calculation. When handling irregular shapes and sizes, it is sometimes necessary to submit samples to Storch for evaluation prior to manufacture.

MAGNETIC EQUIPMENT & SOLUTIONS FOR INDUSTRY

PERMANENT & ELECTROMAGNETS

Permanent Magnets:

Dependable, high-quality, economical holding magnets in a variety of shapes, materials, and sizes.

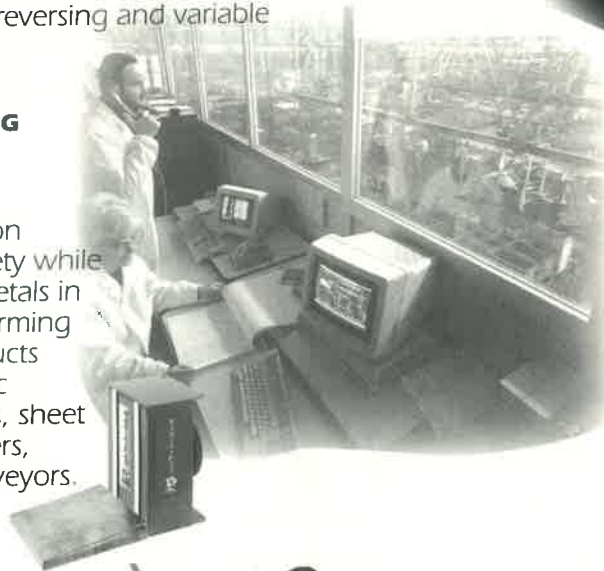


Electromagnets:

Withstand harsh industrial production environments. DC Power Supplies are available in fixed, reversing and variable outputs.

SHEET HANDLING EQUIPMENT & SUPPLIES

Increase production efficiency and safety while handling sheet metals in fabricating and forming operations. Products include: magnetic fanners, skate rails, sheet grabs, press feeders, and gearbelt conveyors.



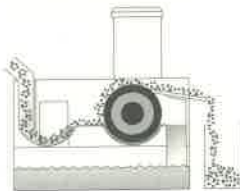
MAGNETIC SWEEPERS

For clean, safe working environments, Storch Magnetic Sweepers pick up and eliminate metal debris. Available in a range of hand-operated or vehicle-mounted options.



CHIP COOLANT SEPARATORS

Remove chips and grinding grit from machine tool coolants, thus increasing tool and coolant life.



MAGNETIC PURIFICATION, RECYCLING & SEPARATION

Magnetic grates and housings entrap and separate ferrous fragments from nonferrous bulk materials such as powders, granules, and liquids.



MAGNETIC TOOLS & SUPPLIES

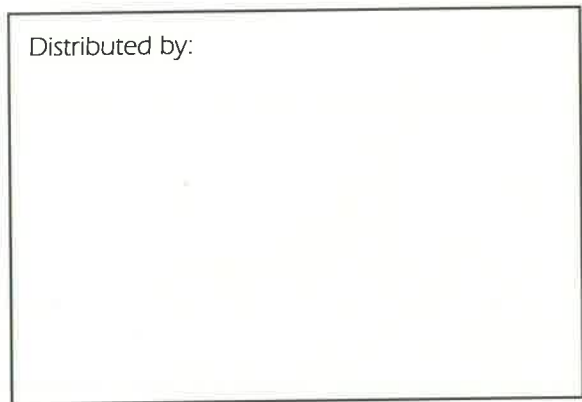
Magnetic bolt and nut pickers, pressfeeders, paws, hand tools, retrievers, tank cleaners, light bases, and eye shields.



SPECIAL ENGINEERED PRODUCTS

Ask about our application assistance. We continue to adapt our products and welcome your ideas. Call our engineering or application professionals, 1-800/338-3482.

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**STORCH
MAGNETICS**
Since 1952

Phone, fax, write, e-mail, or visit our website for more information on our other products for transfer of ferrous chips, stamping & parts

Storch Magnetics

11827 Globe Road • Livonia, MI 48150

Tel: 734/591-2200 • Fax: 734/591-2582 • WWW: <http://www.storchmagnetics.com>