The Right Equipment For The Job

En-Masse Drag Conveyor

The most efficient and versatile conveying technology.

- Move up to 1,000 TPH in a single unit.
- Convey in an enclosed, long-lasting, abrasion-resistant housing.
- Efficient size-to-capacity ratio; convey high volumes in a small footprint.
- Uses the longest-wearing, drop-forged chain in the industry.
- Conveys a wide range of material from ash to zinc.

Streamline your process with an En-Masse drag conveyor system engineered for the unique needs of your application:

- Complete material handling systems from off-load to process or storage.
- Engineered electrical and controls with system integration.
- On-site installation and start-up supervision available.

We’re here to make a difference
Contact Gordy Brodhagen at (269) 382-8226
or by e-mail at gordon.brodhagen@hapman.com
hapman.com
En-Masse Drag Conveyor

Specifications

<table>
<thead>
<tr>
<th>NOMINAL CONVEYOR SIZES AND CAPACITIES*</th>
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</thead>
<tbody>
<tr>
<td><strong>Conveyor Size</strong></td>
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<tr>
<td>-------------------</td>
</tr>
<tr>
<td>Product:</td>
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<tr>
<td>Alumina (Dry)</td>
</tr>
<tr>
<td>Ash (Dry)</td>
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<tr>
<td>Cement (Finished)</td>
</tr>
<tr>
<td>Coal (Bituminous)</td>
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<tr>
<td>Fertilizers</td>
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<tr>
<td>Grains (Whole)</td>
</tr>
<tr>
<td>Limestone</td>
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<tr>
<td>Malt</td>
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<tr>
<td>Meats (Food)</td>
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<tr>
<td>Petro-Coke</td>
</tr>
<tr>
<td>Phosphate Rock</td>
</tr>
<tr>
<td>Salt Cake</td>
</tr>
<tr>
<td>Soda Ash (Dense)</td>
</tr>
<tr>
<td>Silica/Quartz (Sanded)</td>
</tr>
<tr>
<td>Woodchips (Sized)</td>
</tr>
<tr>
<td>Urea</td>
</tr>
<tr>
<td>Zinc (Calcined)</td>
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</tbody>
</table>

* The hourly capacities are nominal and meant to provide the preliminary data for conveyor sizing. Each product has its own special characteristics, volumetric efficiency, kW factors, recommended chain speed, etc. Capacities reflect chain speeds from 0.05 - 1.03 m/s; contact Hapman for specific recommended speeds.

For application of incline or vertical conveying, please contact Hapman. Higher capacities and wider dual strand conveyors are also available.

Options

LAYOUT OPTIONS

- Horizontal
- Straight Incline
- L-Path

FLIGHT SELECTION

These flight options represent the most common designs. Other styles are available.

DROP FORGED CHAIN — CrMn Alloy Chain Link

- Our core hardness for strength and ductility is set at 300-400 BHN.
- Chain links are totally carburized to provide an effective case hardness of 550-650 BHN (60Rc) at a depth of 0.76 mm to 1 mm.

ENGINEERED CONVEYOR DESIGN

- Adjustable Top Flanged Draw-off Box Inlets (Optional)
- Segmental/Symmetrical Drive Sprockets Reversible Teeth
- Heavy A.R.S. Construction
- Safety End Flap (Optional)
- In-line Scoop Mounted Drives, Oil Tight Chain Casings
- Synthetic Backed Bearing Slide Plates
- Spring Loaded Chain Take-ups
- Drop-Forged Carburized Chain with Machined Pins
- Split Pillow Block Roller Bearings (Optional)
- Packing Gland Shaft Seals (Optional)
- Self-Feeding Side Inlets (Optional)
- Segmental/Rim Terminal Idlers

We offer a true performance guarantee ensuring your Hapman equipment achieves the specific results it was designed and manufactured to deliver. And if you need technical support, call us. We are available 24/7.

See More Equipment At hapman.com

Hapman offers a complete line of material handling equipment that easily integrates into existing systems, including:

- Flexible Screw Conveyors
- Tubular Drag Conveyors
- Bag Dump Stations
- Feeders
- Bulk Bag Unloaders
- Bulk Bag Fillers
- Bag Compactors
- Lump Breakers
- And More

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