

Magnetic Conveyors

By Jorgensen Conveyors, Inc.



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Applications

Engineered for moving ferrous materials such as small chips, fines, small parts and stampings – the Magnetic Conveyor is an effective solution for cast iron and steel machining operations where fines are too small and numerous for removal by conventional conveyor systems.

Custom Fabricated

Magnetic Conveyors are engineered to meet customer specifications. Conveyors can be fabricated with coolant reservoirs for machine tool applications where cutting oil and coolant is involved; with tank configuration per requirements.

Jorgensen custom fabrication includes conveyor configuration, leg length, incline angle, chain design and width, drive system components and optional safety equipment.



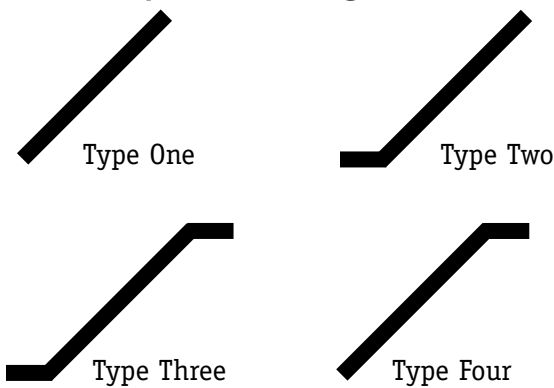
Features and Benefits

- ▼ Effective for ferrous broken/fine chips, small parts and stampings.
- ▼ Carry wet or dry material at steep angles.
- ▼ Submersible water-tight construction.
- ▼ Safe/maintenance friendly.
- ▼ Totally enclosed, no moving external parts. No belts to replace.
- ▼ Effective in heavy oil and grease applications.
- ▼ Special designs for difficult wet fines applications.
- ▼ Rare earth magnets for maximum strength and effectiveness.
- ▼ Self adjusting chain tensioning device.
- ▼ Heavy duty stainless steel slider plates.

New product development group -

you can count on our commitment to be proactive in developing new innovative products to meet the needs of our customers.

Conveyor Configuration Types



System Options

- ▼ High pressure coolant system
- ▼ Pumps/plumbing/coolant transfer
- ▼ Downstream filtration
- ▼ Tramp oil skimmers
- ▼ Coolant chillers/heat exchangers
- ▼ Complete electrics/controls
- ▼ Air knife

Magnetic Conveyors Application Chart

Material Type*	Steel	Cast Iron
Chip Type		
Broken Chips (<i>6's & 9's</i>)	▼	▼
Fine Chips (<i>Free Flow Granular</i>)	▼	▼
Swarf Sludge	▼	▼
Bushy & Tight (<i>Birds Nest</i>)	▼	—
Bushy & Loose	▼	—

▼ Recommended Application ▼ Used In Some Applications ▼ Not Recommended

* Conveyors for parts, stampings, scrap and other materials, please contact a Jorgensen proposal engineer.

What Customers are Saying

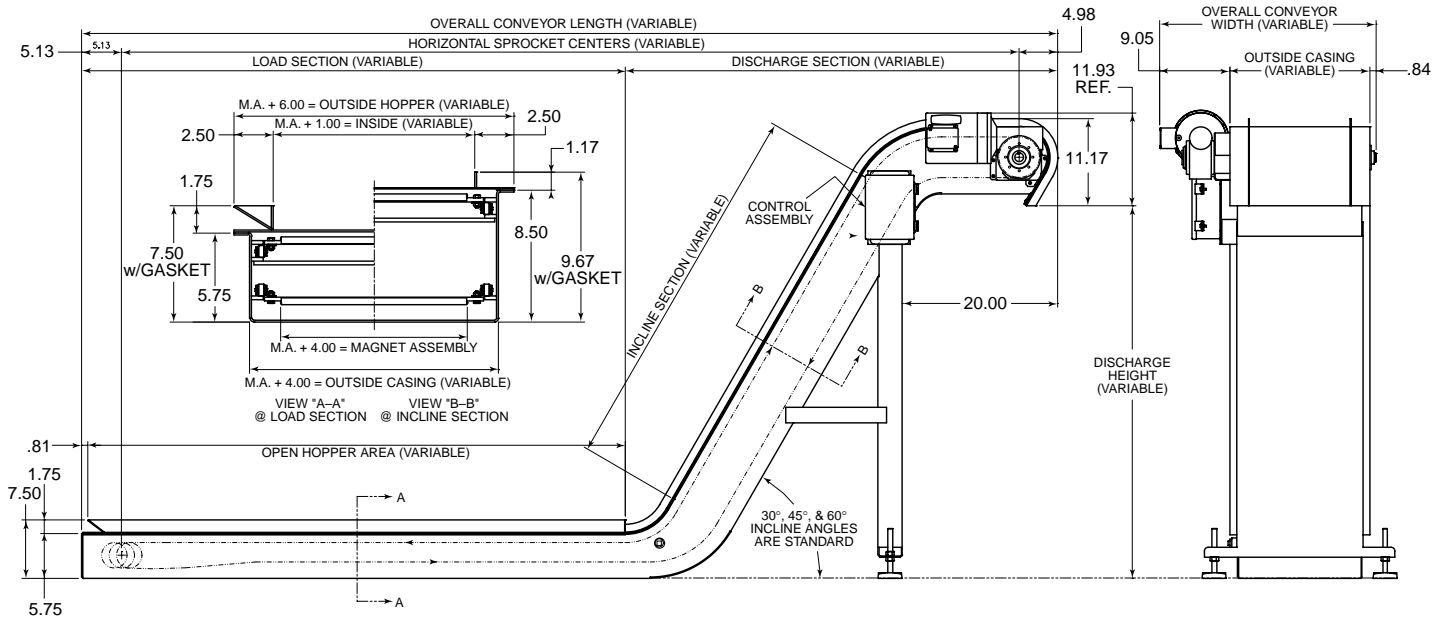
" Jorgensen's conveyor cleans out the chips better than some of the other conveyors we're using. We're very impressed with the quality of the conveyors and the speed of delivery. It's just a couple of days from order to delivery rather than waiting weeks...that makes our customers very happy."

*Wes Daughaday
Kitamura Machinery USA*

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Engineering Specifications



ISO 9001:2008 Certified

The international standard of excellence certifying our commitment to a controlled design and manufacturing process.

Prompt Delivery

Jorgensen's customer focus means we do everything possible to meet your delivery requirement. Lean capabilities enable Jorgensen to produce in lot sizes of one, assuring minimal cycle times and prompt delivery without the necessity to maintain finished goods inventory.



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