

Hinged Steel Belt Conveyors


For Machine Tool Applications.
Our hinged belt conveyors are rugged,
long wearing and low maintenance with
many options to choose from.

*Custom Engineered Conveyors and
Belting to meet a broad range of
material handling applications.*



Direct Drive Option

FEATURES

- Belt sizes of 1.5", 2.5" and 4" to meet a wide variety of profile and application needs
- Heavy duty steel components made from a variety of gauges and plate thicknesses for durability
- Optional UVS control with jam manager and complete electrical for the ultimate in conveyor control
- Powder Coating and Wet Paint Color options available
- Greased, sealed, self-aligning ball bearings
- 4 types of design configurations 
- ISO 9001:2015 Certified Manufacturing Standards
- Convertible to Drag Flight for application flexibility
- Jorgensen warranty and after-market component parts support provides trouble-free operation

BENEFITS

- All conveyors are engineered to meet customer specs
- Conveyors can be fabricated with coolant reservoir for machine tool applications where cutting oil and coolant is involved, with tank configuration per requirement
- Completely detachable belt design for ease of maintenance, pioneered by Jorgensen
- Ideal for handling parts, stampings, small or long chips in a variety of different applications including wet or dry, horizontal or inclining, and single or multiple conveyor systems
- Complete design flexibility gives you a choice of conveyor type with any reasonable length legs and angles, belt design and width, and drive systems with optional safety equipment, accessories and controls for maximum efficiency

HINGED STEEL BELT CONVEYORS APPLICATION CHART FOR METAL CUTTING MACHINE TOOLS

| Material Type* | Steel | Cast Iron | Aluminum | Brass |
|---------------------------------|-------|-----------|----------|-------|
| Chip Type | | | | |
| Bushy & Tight (Birds Nest) | ▼ | - | ▼ | ▼ |
| Bushy & Loose | ▼ | - | ▼ | ▼ |
| Broken Chips (6's & 9's) | ▼ | ▼ | ▼ | ▼ |
| Fine Chips (Free Flow Granular) | ▼ | ▼ | ▼ | ▼ |
| Swarf Sludge | ▼ | ▼ | ▼ | ▼ |

▼ Recommended Application ▼ Used in Some Applications ▼ Not Recommended

*Conveyors for parts, stampings, scrap and other materials, please contact a Jorgensen Proposal Engineers

OPTIONS

- Air Knife
- UVS EcoLogic® Controls with JamManager®
- Direct Drive option



The UVS EcoLogic® Control provides the ultimate in control functionality, featuring an optional hand held control.

PARTS

Axles

Heavy-duty high carbon steel forms the base of Jorgensen's exclusive long-wearing, damage-resistant construction.



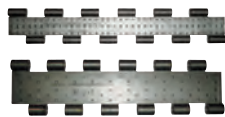
Rollers & Block Links

Hardened steel and cast iron rollers, bushings and block links are used to meet a variety of engineered applications.



Apron Plates

Heavy steel plates with integral piano hinges through which axles pass. There are many styles of apron plates to handle scrap, chips or parts.



Side Links

Aids in belt containment and tracking while increasing belt strength.



Side Wings

Held on by axle passing through them. No welds to replace. Overlapping construction forms flush, jam-proof inner surface. Weld on side wings available for super heavy duty applications.



Safety Devices

Standard safety devices include ratchet clutches, inverter controls and shear pin hubs. Other safety devices are available.

Belt Specifications

Width: 3 inches to 96 inches—as required (7.62 cm to 243.84 cm).

Standard heavy-duty conveyor models have been our mainstay. We also offer Extreme Duty conveyors with abrasion resistant materials, through hardened components and all welded belt construction.