

# 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 |
|---------------------------------|-------|-----------|----------|-------|
| <b>Chip Type</b>                |       |           |          |       |
| 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.

## 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.*