

# Introducing The New



from Jorgensen Conveyors!

**Providing “the ultimate” in chip conveyor control functionality for optimal performance and efficiency in your CNC metal cutting machine tool chip removal operations!**

### Minimize Coolant Carryout and Extend Conveyor Service Life

The variable conveyor speed feature of the UVS-EcoLogic® Control allows you to adjust the running speed of the conveyor to be as slow as possible and still allow effective chip removal without excessive chip accumulation on the conveyor. By running the conveyor at the slowest necessary speed, coolant carryout is minimized. Also, this reduces overall wear on the conveyor allowing for longest possible service life.

### Save Energy and Reduce Wear

Program the conveyor to run in an intermittent on/off cycle automatically. Run the conveyor regularly enough to not allow chips to accumulate in large quantities on the loading section of the conveyor, but also allow the conveyor to pause in a programmed sequence. This pause in operation will allow coolant on the belt and chips to drain back and minimize costly coolant carryout and reduce energy consumption. Running the conveyor intermittently also will reduce wear and provide a longer conveyor service life.

### Convenient Control Location Simplifies Regular Tasks

Control located at discharge section of conveyor so that operator can readily stop the conveyor and exchange the chip scrap bin when full of chips.

### Total Flexibility of Power Source Selection

The UVS-EcoLogic® control is available in all common supply voltages.

### Machine Tool Interface

The UVS EcoLogic® Control comes standard with an I/O Board. This provides the capability to build a direct conveyor operation interface to the machine tool such that the conveyor can be operated from the machine tool control panel.

### NEMA – 4X/IP-65 Aluminum Die-Cast Enclosure

Wash-down and watertight enclosure for indoor and outdoor use.

### Eliminate Conveyor Jams with Patented Jam Manager® Technology\*

The UVS-EcoLogic® Control provides constant load monitoring to protect conveyor motor and drive train components from damage in a “conveyor jam” condition where excessive torque on the conveyor may occur.

Automatic “stop/reverse/stop/forward” conveyor operation to protect the conveyor in a jamming condition. This sequencing attempts to automatically clear the jam a predetermined number of times without any required operator intervention. Ideal for unattended machining operations. Automatically clears minor jams before they become problematic and shut the conveyor down!

\* Jam Manager® functionality not available with single phase power input.



### Optional Remote Control Kit

An optional handheld remote control kit can be purchased for a small additional cost. This electrical cable and control box gives the user a simple way to control the conveyor (Forward/Off/Reverse Jog) remotely from the machine tool operator station. It includes a speed potentiometer, 10 feet of cable, connector and mounting bracket.



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