

## **When the Rest of the Line Can't Wait for You to Stop -- Use an Overton Engine™ Combined Linear and Rotary Drive.**

Now you can have both the precision of indexed motion, plus the speed and simplicity of a continuously moving line. The Overton Engine™ Combined Linear and Rotary Drive brings both types of motion to a single conveyor chain. On one side of the drive, the chain comes to a complete stop for up to 70% of the time, while on the other side it moves continuously at a steady speed.

You can use the precision cam-driven mechanism as your entire line. Move parts steadily through a curing oven or other continuous process, while stopping them for loading and unloading. Or, you can match the continuous side's speed to that of your main conveyor line. Transfer parts easily and precisely from the main line, and bring them to a stop for precision assembly, gluing, or machining.

For example, the unit shown above is used to assemble miniature spring-loaded doors at a rate of 80 parts per minute. Assemblies are shifted from the main conveyor to the Combined Linear and Rotary Drive. On the front side of the drive, the conveyor indexes through three stations. At the first station, the door is mounted on the hinge. At the second and third stations, springs are installed on alternate parts. Working at alternating stations, the manufacturer gained the additional time needed to feed and install the springs, which could only be done at 40 parts per minute.

The Overton Engine™ Combined Linear and Rotary Drive is custom-made to meet your specifications for dwell time, number of indexing stations, length, and chain style. It is faster and more precise than robots or servo-controlled devices, simpler than tooling that moves with your line, and less expensive than any of these alternatives.

Call today for your free video and technical paper describing the operation of the Overton Engine™ Combined Linear and Rotary Drive. Give us your dimensions for an estimate, or let us design your entire line.

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### **Hundreds of uses:**

- Loading and unloading
- Precision work
- Gluing
- Assembly
- Painting
- Curing
- Anyplace else you need to combine indexing and continuous motions.