



# MOTION INDEX DRIVES

## Timing Belt Conveyor

Motion Index Drives' LZ Series Conveyors are an alternative for those seeking a more cost-effective conveyor system with the same quality Motion Index Drives brings to all of its products. The LZ Series features a high quality guide rail system, as well as a timing belt driven by one of Motion Index Drives' high quality indexers. LZ Series conveyors are custom made utilizing our high precision XP, TP, or RT Series indexers. By using our high precision cam indexing devices for transfer and positioning, you are guaranteed 100% repeatability on each index.

The chain is driven by a hardened cam wheel which is driven by a standard indexer or any other custom specified drive. At the other end, a hardened cam guides the chain. This cam is preloaded and has take up adjustment to ensure there is no backlash at the links. The linear stroke of the chain depends on the diameter of the cam wheel. One cycle of the indexer can equal many different combinations of stroke lengths.

### Key Features and Benefits

- Customized to your needs.
- Utilizes high precision cam indexers for positioning.
- Steel frame to mount fixtures and other automated devices.
- Available in freely programmable option.

For technical information, please contact Motion Index Drives and provide some basic application information.

