

# TKF

## POSIGRIP CONVEYOR 24 VOLT MOTORIZED ROLLER ACCUMULATION



*The PosiGrip Accumulation Conveyor features TKF's patented PosiGrip roller drive gear teeth formed directly into the rollers and powered by smooth, quiet synchronous belting in a positive drive. There are no separate sprockets or gears and no welded drive components.*

Guard removed for illustration only.

### Non-Contact Conveying

The revolutionary new PosiGrip Accumulation Conveyor from TKF features non-contact, zero pressure accumulation that stages from the discharged end. The PosiGrip is ideal for the computer and electronic component, food and beverage, appliance, automotive, and glass industries where non-contact between product is crucial.

### Accumulation Zones

Accumulation zones are driven by motorized rollers, each with a drive card with settings that allow easy adjustment of speed. The drive roller stops as product reaches the photo-eye at the discharge point of the zone, virtually ensuring no contact. Zones can be individually controlled for specific assembly areas and are available up to 75" long and 45" wide.

### Clean and Rugged

The PosiGrip Accumulation Conveyor. It requires no lubrication and therefore is much cleaner than comparable conveyors. The positive PosiGrip geared belts provide superior drive force versus line shaft and O-ring driven conveyors. The PosiGrip is ideal for both clean environments and tough, rugged applications.

Contact us today  
for more  
information and  
pricing.  
**(513) 241-5910**



# TKF

## POSIGRIP ACCUMULATION CONVEYOR

### No Impact Conveying

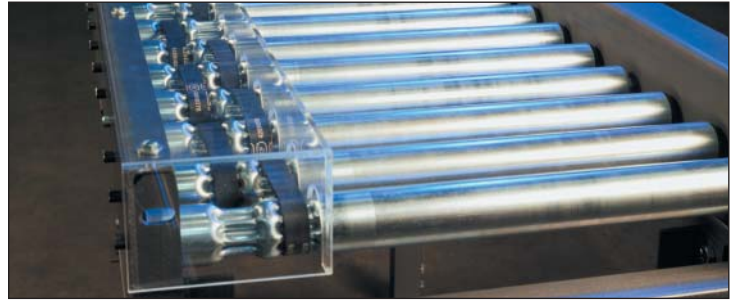
The entry zone of the PosiGrip accumulation conveyor is activated when the conveyed product trips the induction sensor, which starts the motorized roller. Each consecutive downstream zone is powered until the product reaches the furthest unoccupied zone. The product will block the electric sensor in that zone which stops the motorized roller and the zone. When the next product reaches the end of the preceding or upstream zone, that electric sensor is blocked, which stops that zone. This sequence repeats until all the zones are filled. When a load is removed from the conveyors discharge end, the electric sensor is cleared which signals the accumulated loads to advance one zone at a time to the next vacated zone. Because of this unique control system, even the most fragile loads can be conveyed and accumulated without damaging contact. The zones are only powered when required, reducing expensive power consumption.

### Advantages

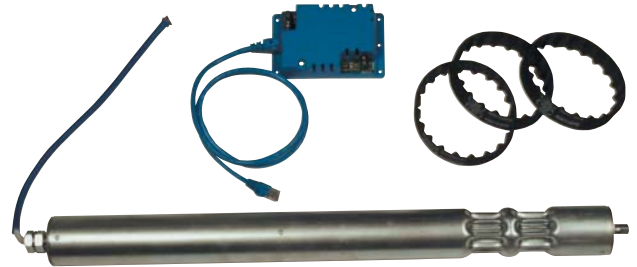
- Compact, low profile design enables freight consolidation
- Low power consumption (zones only run when required)
- Modular sections are pre-assembled and pre-wired, reducing installation and field wiring costs
- Positive product movement with toothed PosiGrip drive
- Quiet operation (no metal-to-metal contact)
- Variable speed in individual zones (speed differential between zones to create product spacing)
- No compressed air required

### Options

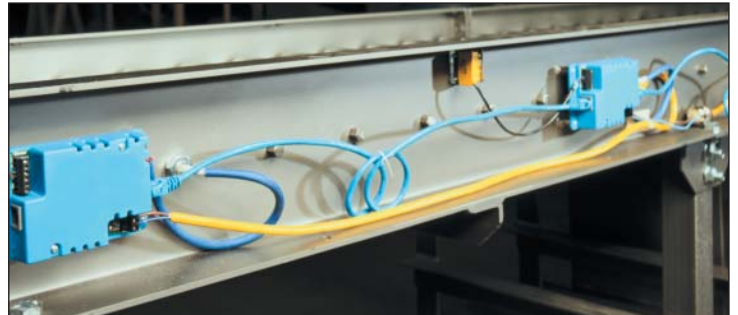
- Reversible
- Stainless steel
- Tapered and straight roller curve sections
- Paint colors
- Close roller centers



With compact design and a lower profile than ever before possible in a powered conveyor, the PosiGrip Accumulation Conveyor easily handles a wide array of products with unit loads up to 400 lbs. in each zone.



Smooth, quiet operation is ensured by the absence of noisy chain or sprockets. No metal-to-metal contact means that no lubrication is required. Spare part requirements are minimized due to fewer moving components.



All electrical controls are self-contained within the side frames, which eliminates the need for wiring back to PLCs, thus reducing the cost of field wiring as well as wear, contact damage and maintenance. The PosiGrip is ideal for both clean environments and tough, rugged applications.



Vertical Conveyors • Overhead Conveyors  
• Turnkey Systems • Specials

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