

# TKF POSIGRIP MDR ACCUMULATION CONVEYORS

24 Volt Motorized Roller Accumulation



## Accumulation Zones

Accumulation zones are driven by motorized rollers containing a drive card with settings that allow for users to change speeds easily. The drive roller stops as a product reaches the photo-eye at the discharge point of the zone, to almost ensure no contact. Zones can be individually controlled for specific areas and are up to 60" long and 42" wide.

## Non-Contact Conveying

The revolutionary PosiGrip Accumulation Conveyor from TKF features non-contact, zero pressure accumulation that stages from the discharged end. The PosiGrip is ideal for industries where non-contact between product is crucial.

## ADVANTAGES

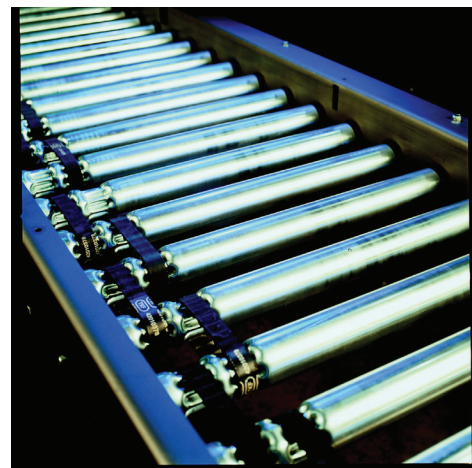
- Compact, low profile design enables freight consolidation
- Low power consumption
- Modular sections are pre-assembled and pre-wired, reducing installation and field wiring costs
- Positive product movement with toothed PosiGrip drive
- Quiet operation
- Variable speed in individual zones
- No compressed air required
- Handles unit load up to 350 lbs. in each zone.
- No lubrication required and no metal-to-metal contact

## OPTIONS

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

## Clean and Rugged

The PosiGrip Accumulation Conveyor does not require lubrication making it cleaner than the comparable conveyors. The positive PosiGrip gear belts provide superior drive force versus line shaft and O-ring driven conveyors. The PosiGrip is ideal for both clean environments and rugged usage.



# POSIGRIP ZONED CONVEYOR SPECS

## Straight PosiGrip Conveyors

Speed (FPM)	Speed Code	TKF Motor Roller Part #	Max Weight Unit Load
25-40	15	4321-15RL	350#
40-60	20	4321-20RL	300#
60-80	25	4321-25RL	200#
80-120	35	4321-35RL	150#
120-180	45	4321-45RL	100#

Max weight was determined with a wooden pallet. cardboard boxes or softer conveying surfaces will be lower.

Effective Width (EW)	Between Frame (BF)	Overall Width
18"	24"	26 1/8"
24"	30"	32 1/8"
30"	36"	38 1/8"
36"	42"	44 1/8"
42"	48"	50 1/8"

RL=BF-6

Other widths can be made but are non-standard with 54" maximum standard.

## Zone Lengths - Standard

15"	Will use a 10'-0" frame with 8 zones
22 1/2"	Will use a 11'-4" frame with 6 zones
30"	Will use a 10'-0" frame with 4 zones
37 1/2"	Will use a 12'-6" frame with 4 zones
45"	Will use a 7'-6" frame with 2 zones
60"	Will use a 10'-0" frame with 2 zones

Any non-standard zone length must be in either 2 1/2" or 3 3/4" increment equal to roller center. The maximum number of rollers per zone is 30, and the maximum length of a zone is 6'-6" 2.5" center, and 8'-0" 3.75" centers.

Please consult engineering for any other variation.

Published MTBF 15,000 hours  
Ambient Temp 32 to 120 degrees F



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