

# TKF POP-UP TRANSFER CONVEYOR

24 Volt Motorized Roller Driven



The new Pop-up Transfer Conveyor from TKF features a patented linkage mechanism that lifts your product and transfers it at 90° to an adjoining conveyor. This lift design does not use vertical guides or cam ramps to help with positioning. No slides or bearings, which make for low maintenance, cushioned lift stops that help smooth out end-of stroke actuation. The transfer is lifted by an air bag actuator which eliminates seals, lubrication in the air prep unit, and complicated air circuits that are synonymous with air cylinders. All air bags are equipped with a pressure relief valve to guard against an over pressure condition.



## Options

- Urethane V-Belt, Urethane O-Ring, or Chain strands.
- Multiple strands available, depending on requirements.
- Various stand centers for different needs.
- Different stroke heights available.

## ADVANTAGES OF TKF TRANSFER

- Modular sections are pre-assembled and pre-wired which decrease the installation and field wiring costs
- No slides or bearings to maintain
- Cushioned actuation
- No air cylinders (i.e. No lubrication, seals, or complicated air circuits.)
- The TKF Transfer is ideal for both clean environments and tough, rugged applications
- Because the strands are driven by motorized rollers, there are no chain drives. Resulting in quiet operations
- Variable speed driver control card (speed differential to create product spacing)



## Call Us for a Quote

Information Required for Quote:

1. Description of products including size, weight, and contact surface
2. Maximum handling rate (quantity per minute)
3. Infeed and discharge elevations
4. Plant electrical requirements
5. Special conditions i.e. extreme temperature, moisture, etc.
6. Direction of travel (one direction or reversible)

# POSIGRIP TRANSFER SPECS

## PosiGrip Transfers

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

### 2 Strand

Effective Width (EW)	Strand Spread			
	18"	10 3/4"	18 1/4"	25 3/4"
24"	10 3/4"	18 1/4"	25 3/4"	33 1/4"
30"	10 3/4"	18 1/4"	25 3/4"	33 1/4"
36"	10 3/4"	18 1/4"	25 3/4"	33 1/4"
42"	10 3/4"	18 1/4"	25 3/4"	33 1/4"

### 3 Strand

Effective Width (EW)	Strand Spread			
	18"	14 1/2"	22"	29 1/2"
24"	14 1/2"	22"	29 1/2"	37"
30"	14 1/2"	22"	29 1/2"	37"
36"	14 1/2"	22"	29 1/2"	37"
42"	14 1/2"	22"	29 1/2"	37"

### 4 Strand

Effective Width (EW)	Strand Spread		
	18"	10 3/4" and 25 3/4"	10 3/4" and 33 1/4"
24"	10 3/4" and 25 3/4"	10 3/4" and 33 1/4"	18 1/4" and 33 1/4"
30"	10 3/4" and 25 3/4"	10 3/4" and 33 1/4"	18 1/4" and 33 1/4"
36"	10 3/4" and 25 3/4"	10 3/4" and 33 1/4"	18 1/4" and 33 1/4"
42"	10 3/4" and 25 3/4"	10 3/4" and 33 1/4"	18 1/4" and 33 1/4"

(Minimum elevations of 10 1/4" to the top of the roller standard with 2" stroke)

#### V-Belts

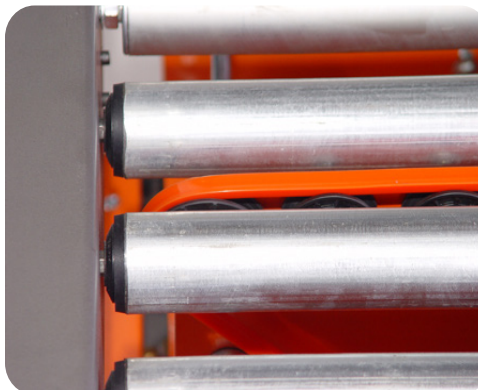
- Standard Orange Urethane 75#
- High Strength 100#

#### Chains

- RC40 ( Motor Roller) 350#
- RC50-80 (Motor Driven)

#### O-Belts

- High Strength 150#



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[www.tkf.com](http://www.tkf.com)