



The Next Generation of Turns

FLOW-TURN's SKR Straight Knife Roll Conveyors are designed for applications requiring narrow gaps between up- and downstream conveyors to transport even smallest items safely and reliably.

Flow-Turn's design offers a number of key benefits:

- **Narrow, fixed position transfer gaps**
The belt travels around a series of sealed roller bearings; the transfer point is fixed and not affected by belt tensioning. This design has been proven over many years with Flow-Turn's Knife Roll-Turns.
- **Design Flexibility**
SKR Conveyors are available in various lengths and widths. Typical speeds are up to 300 FPM and the design load can go up to 30 lb/ft. SKR Conveyors can be designed for an ambient temperature range of -5F to 130F.
- **Rugged Steel Construction**
SKR Conveyors have robust sliderbed frames, constructed in mild or (optional) stainless steel.
- **Easy Belt Replacement**
Replacement of the endless belt is quick and simple. The belt only wraps around the end rolls, the drive pulley and the tension roller. The tension roller can easily be removed to allow the belt to be taken out.

SKR Conveyor Straight Knife Roll



SKR Scan Belt with endless white Nitrile belting



7/8" Diameter Knife Roll with fixed location, not affected by belt tensioning

Also Available

Knife Roll-Turns with 7/8" diameter end rolls, matching the **SKR Conveyor** design.

Ideal for applications requiring precise, narrow belt transitions and fixed centerline distances.



Typical SKR Applications

- Scan Belt Systems
- Gapping / Metering
- Food & Beverage Production
- Food Processing & Bakeries
- Transportation of Small and Fragile Items

About FLOW-TURN

Flow-Turn Inc. is a New Jersey based manufacturer with more than 40 years of experience in the design and build of powered curve conveyors for a large variety of applications, ranging from small production systems to large industrial warehouses.

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SKR Conveyor Rev01



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*Custom design is a FLOW-TURN specialty.
We manufacture to rigid specifications and provide answers to unusual requirements.*



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Standard Specifications

FRAME CONSTRUCTION

- 7/8" dia. or 1.9" dia. end rolls
- Load capacity 30 lbs per linear foot (standard)
- Safety guarding per OSHA
- Finger guards and safety covers
- Mild steel (powder coated) or stainless steel

DRIVE SYSTEM

- Shaft-mounted integrated garmotors or reducers with flange mounts for C-Face motors

BELT

- Black quality belts (Standard)
- White Nitrile belt or other belts upon request

ACCESSORIES

- Floor supports, +/- 2" minimum adjustment
- Side Guards 12 and 14 Ga Steel
- Combination with Knife Roll-Turn Belt Curves

Options

FRAME

- Bottom guards in plastic or steel mesh

ACCESSORIES

- Ceiling hangers

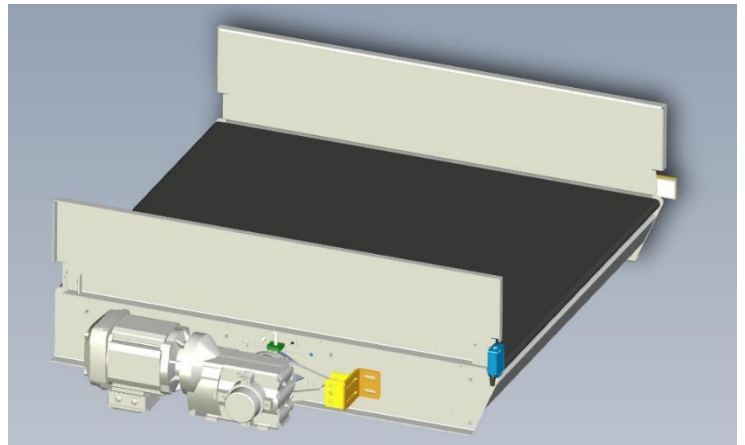


The narrow transfer between **SKR Conveyor** and downstream conveyor (here: **Knife Roll-Turn** belt curve) is ideally suited for small and difficult to handle items

SKR Conveyor Straight Knife Roll

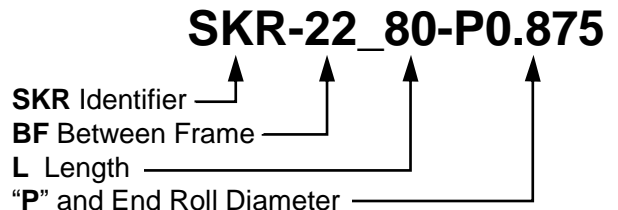


SKR Conveyor used as metering conveyor for a **Flow-Lift S-Conveyor** (CVC Continuous Vertical Conveyor)



SKR Conveyor used as gapper conveyor, with integrated photo sensor and reflector. Gappers are typically installed in groups, e.g. six or nine gappers, to optimize sorter induction processes

SKR Conveyor Model Code



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