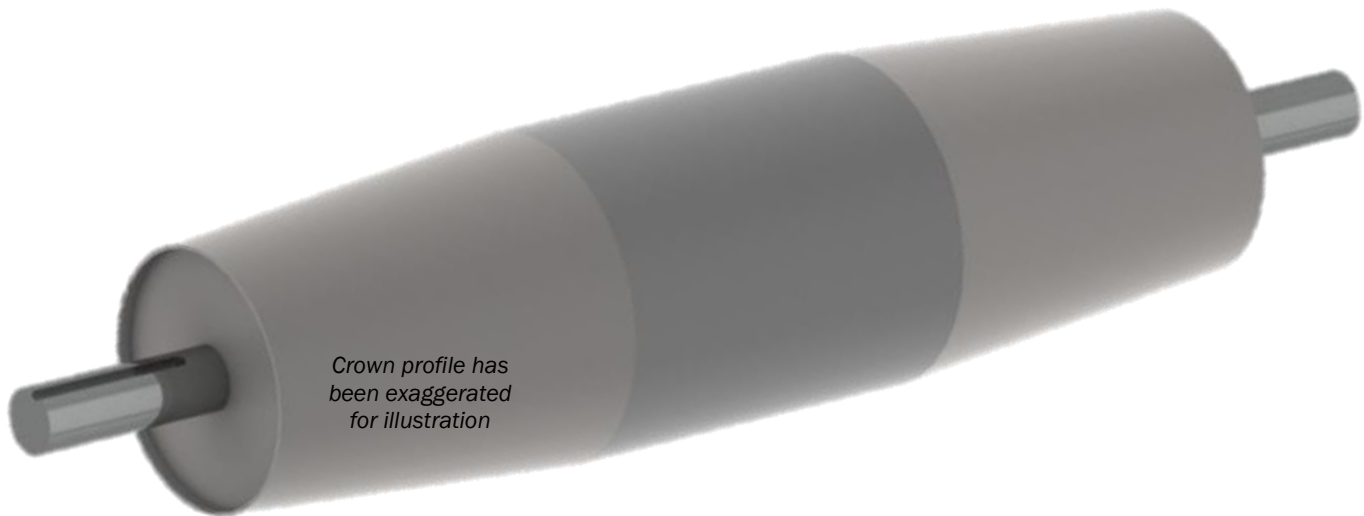


# CONVEYOR PULLEYS

## Focus Flyer – FC Trapezoidal Crown



Drum pulleys from 2” to 12” in diameter are available in FC Series construction. FC Series pulleys are manufactured from gauge wall or light duty tubing and feature PCI’s unique Trapezoidal Crown package. PCI’s proprietary crowning process provides the consistency, performance, and dependability of a Trapezoidal Crown profile in an economic gauge wall construction.



**INCREASED BELT LIFE:** PCI Trapezoidal Crown pulleys lengthen conveyor belt life by minimizing center stretch commonly associated with single crown profiles. Because of its many performance-enhancing features, the “trap crown” profile is the preferred crown of many conveyor belt manufacturers.

**ENHANCED BELT TRACKING:** A conveyor belt will track towards the high point or largest diameter of a conveyor pulley. Trapezoidal crown pulleys are flat in the center and have tapers on each end providing an even, center located plateau for the conveyor belt to track around.

**IMPROVED RUNOUT:** PCI’s proprietary crowning process provides improved runout characteristics over alternate methods of forming a crown in gauge wall tubing. Improved runout provides more consistent performance, reducing maintenance costs associated with belt tracking and belt replacement.

**PRODUCTION RUN CONSISTENCY:** PCI’s proprietary crowning process also provides consistency between production runs. This means that by purchasing a PCI conveyor pulley, you will receive the same quality product with every purchase.

**ECONOMICAL CONSTRUCTION:** Most manufacturers can provide the advantages of a trapezoidal crown by machining it into the face of a heavy wall pulley. By forming the trapezoidal crown into the face of the pulley, our FC Series pulley eliminates the cost of machining and excess material, giving you maximum performance at an optimum value.