

FEATURES & BENEFITS

SANITARY COMPONENTS



The food industry has exceptionally high standards. If products fail to meet these standards, the impact could be significant to the operation. This is why so many in the industry trust PPI for their sanitary conveyor component needs. With over 40 years of experience in the industry customers can be confident in our understanding of industry challenges and our ability to provide effective solutions.

PPI offers sanitary components including: Sanitary Pulleys, Self-Leveling Foot Pads, Hubs and Bushings as well as custom components.

PPI has what it takes to keep your operation running. ***WE KEEP IT MOVING®***



WHAT WOULD YOU RATHER CLEAN

PPI offers sanitary pulleys that are an engineered one-piece design. They are on the cutting edge of technology for the food industry. This patented design combines composite and stainless steel to create one of the most sanitary designs for positive drive conveyor belting in the industry.

Use sanitary pulleys from PPI to replace shaft and sprocket drives for a more sanitary, easy-to-clean option.

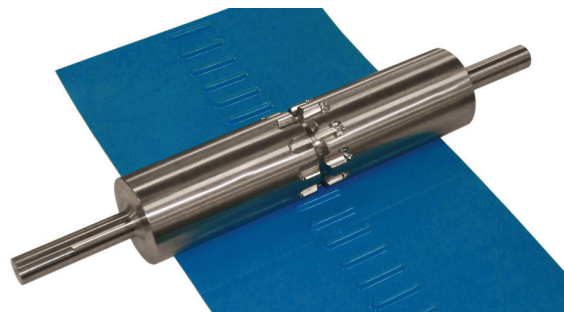
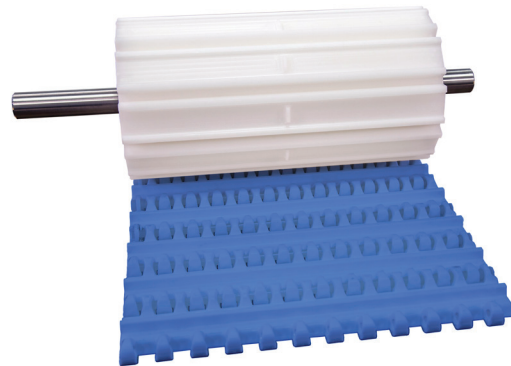
Existing assembly drives consist of a square shaft with locking collars or snap rings to position sprockets in place. These assemblies are difficult to clean and lend themselves to migrating sprockets which decrease drive efficiency and can break into the product. PPI's revolutionary one-piece, sanitary pulley technology eliminates those components for ease of cleaning and provides superior wear as well as less belt stress.



Sanitary Pulleys can be built to accommodate different styles of positive drive conveyor belting as a drop in replacement for square shaft and sprocket assemblies. It will make your conveyor more hygienic.

FEATURES AND BENEFITS

- Positive drive system
- Self-tracking belt
- Low-Maintenance
- Quiet operation
- Various design options



POSITIVE DRIVE SANITARY PULLEY FOR V-GUIDE BELT

PPI has designed and engineered a pulley product that will eliminate slipping, belt tracking and sanitation concerns. This patented Sanitary Pulley has a positive, quiet and self-tracking feature with 304 stainless steel construction and 3-A dairy approval. The composite and stainless steel option has FDA approval and is extremely sanitary. Designed to run on multiple belts such as the flat belt and standard "A" section V-Guide belt designs. The Sanitary Pulley, when used with Volta SuperDrive belt, will outlast and outperform modular belts with plastic sprockets.

PPI produces many shapes of Sanitary Pulleys including drum and wing options. At PPI we understand you also face unique challenges requiring unique solutions.

DRUM PULLEYS

Surface finishes and shaft attachment methods are very flexible and can be modified to meet customer demands.

XT®, QD®, Taper-Lock®, weld in shafts or fixed bores with set screws are a few of the more popular hub types available.

PPI is capable of producing pulley surfaces such as knurling, V guide sections or proprietary PPI Sanitary Pulley positive drive systems.

CUSTOM PULLEYS

PPI understands that you face unique challenges requiring unique solutions. PPI produces custom pulleys every day for all timing and positive belt drives. Give PPI the opportunity to help solve your most demanding challenges.

Whether it's cooling drums or specialized timing pulleys, no matter what size or application, call the pulley experts at PPI to get it right the first time.

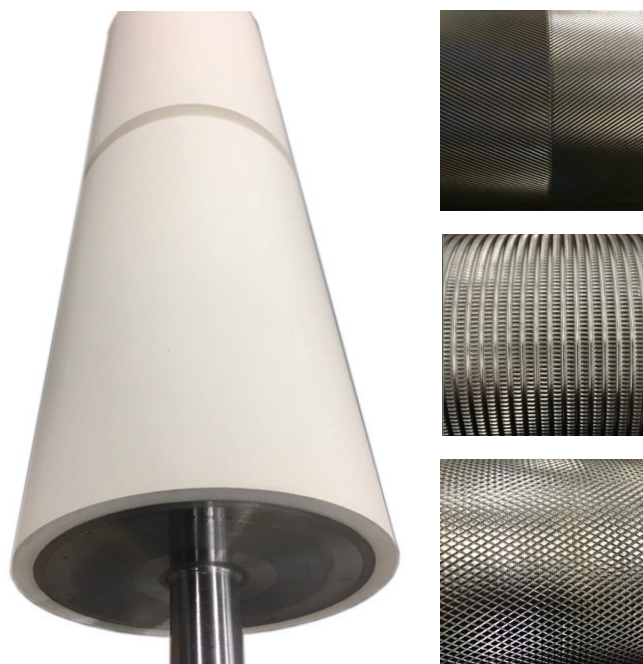
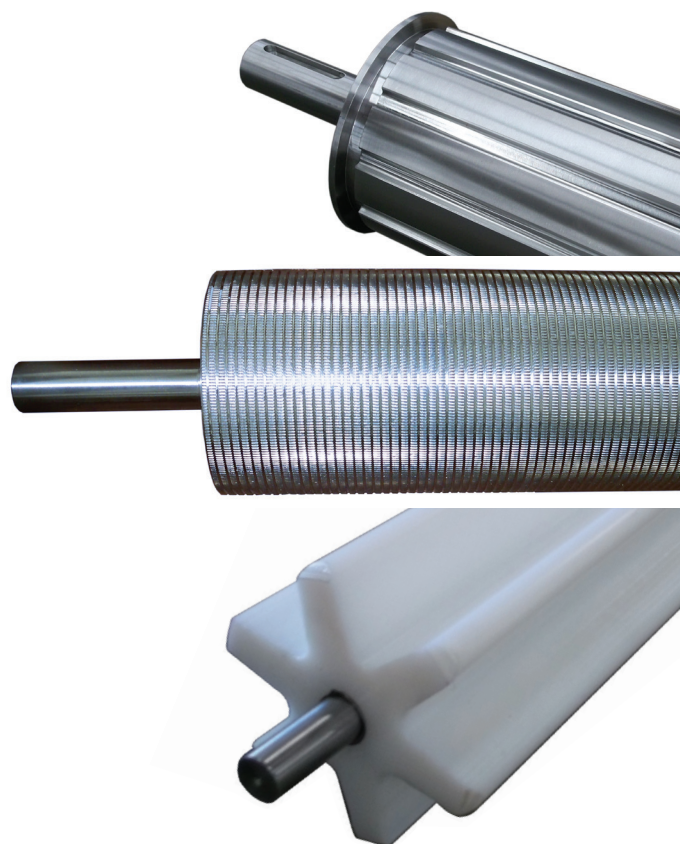
LAGGING OPTIONS AND KNURLING

Lagging is the use of an elastomer compound on the face or contact surface of a pulley to increase the friction between the pulley and the belt. Increasing this friction reduces belt slipping and the belt tension required to drive the conveyor. This equates to longer belt and component life and increases reliability.

Lagging can also greatly reduce wear caused by abrasive materials and prevent buildup of sticky material on pulley surfaces.

PPI offers a variety of lagging compounds for a broad range of applications. These include SBR, white neoprene, urethane, carboxylated nitrile (XNBR), nitrile, EPDM and silicone.

For applications that require additional grip from a steel rim, PPI offers complete knurling services. Options include straight groove, herringbone and diamond as well as custom designs.



SELF-LEVELING FOOT PADS

PPI Self-Leveling Foot Pads are an all stainless steel design so they can be used in food production applications.

They are available in a wide variety of standard sizes and lengths, with load carrying capacities of up to 28,000 lbs.

HUBS AND BUSHINGS

A pulley assembly is only as good as the components that go into it. That is why PPI makes their own stainless steel hubs and bushings. The process allows PPI to control the quality of the raw materials and the machining tolerances that go into each one. Available in XT®, QD®, and Taper-Lock®.

OTHER CAPABILITIES

Pulleys are not the only components PPI can provide for the food industry. Our engineering team and facilities have the capacity to design, duplicate and manufacturer most parts to meet your needs. Contact your PPI representative to learn more.



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