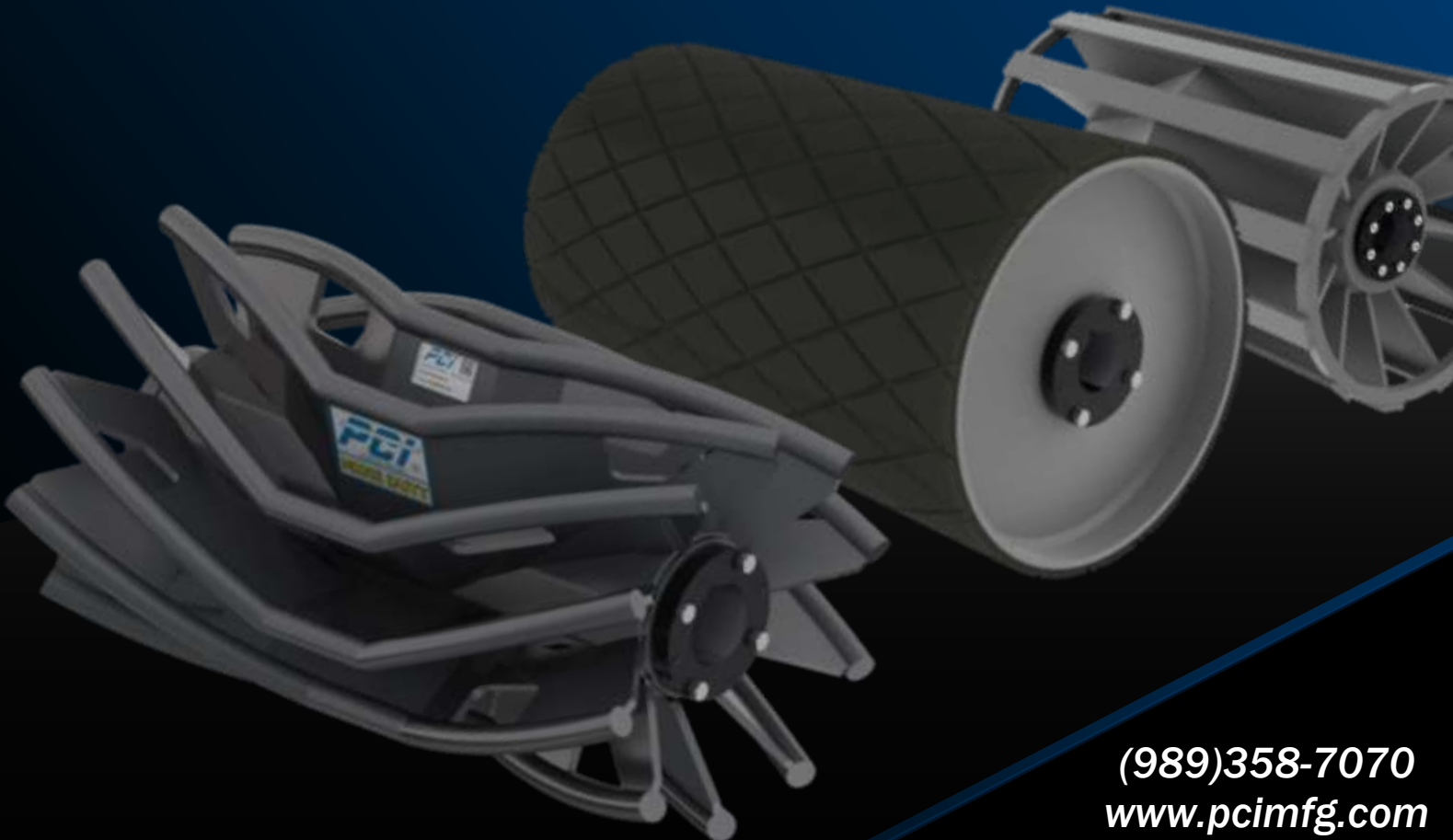




Solutions Through Innovation

PRODUCT OVERVIEW



(989)358-7070
www.pcimfg.com



PCI is an industry leading manufacturer of Load Bearing Roller Assemblies, Conveying Components and unique specialty Ancillary Products. PCI was founded in 1986 in Alpena, Michigan USA as a small job shop.

The key feature that distinguishes PCI's Innovative Solutions from our competition is the experience and dedication of our personnel. Sure, there are standard features that form the foundation of great products – effective technologies, analytics, strategies, processes, and practices – but those will only ever be as good as our people. PCI's staff synergize these various ingredients into the standards of service and performance that treat the satisfaction of our customers as the highest goal of everything we do. This isn't just an idea, but a philosophy steeped in team experience that can only result from a knowledgeable staff, who are committed to building upon our vision to be the highest value supplier in our industry.

We want to help you select your complete solution. PCI will provide analysis and application guidance to resolve problematic demands. Our broad industry experience has allowed us to expand and utilize the latest technology to provide you with unrivaled products and customer focused services. With the right people in place, we then provide comprehensive training, unique designs, patented solutions, streamlined processes, and cutting-edge technologies. PCI continues to develop and manufacture extensive product lines that will exceed expectations.

Our performance has earned us the loyalty of our client partners, with many relationships spanning decades, representing some of the largest markets and organizations in North America. We're not going to tell you we can do something we can't, we're not going to try to sell you something you don't need. We simply focus on what we're good at – great customer service, readily available quality products, competitive pricing all delivered with a personal touch.

Today, our products are recognized for their premium industrial quality and ability to serve a variety of industries and applications. We have the resources, the facilities, the technology, and most importantly a loyal team dedicated to product improvement.

PCI continues to provide Solutions Through Innovation!

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LOAD BEARING ROLLER ASSEMBLIES



Cam Followers



CAM FOLLOWERS:

BEARING TYPE: Needle Bearings

Available from 2" to 20" roller body diameter, these units provide maximum radial capacity in lower speed applications. An extra thick roller body provides high load carrying capability by minimizing distortion.

XR Rollers



XR ROLLERS

BEARING TYPE: Ball or Tapered Roller Bearings

Available from 1.5" to 10" roller body diameter, PCI XR Rollers provide the rugged seals and thrust load capacity of a PCI Track Roller in the sizing of a Cam Follower, for an easy, drop-in, maintenance-free upgrade.

DCB Rollers



DCB ROLLERS

BEARING TYPE: Cylindrical Roller Bearings

Available from 2" to 10" roller body diameter, these units provide maximum dynamic radial load capacity and allow for incidental thrust loads. DCB Rollers also offer rubber seals and are a drop-in replacement for Cam Followers.

LOAD BEARING ROLLER ASSEMBLIES



Track Rollers



TRACK ROLLERS

BEARING TYPE: Ball or Tapered Roller Bearings

Available from 1" to 20" roller body diameter, PCI Track Rollers provide balanced radial and thrust load capacity, maximized sealing provisions and profile options which include Crowned, Flanged, Double Flanged, V-Grooved, U-Grooved and Channel & I-Beam profiles. On stud type versions, a stainless steel dust cover provides added protection against contamination.

Extreme Duty Solutions



STAINLESS STEEL

Stainless Steel options and fluorocarbon seals for the ultimate in corrosion resistance.

NON-METALLIC

Economical corrosion resistant alternative to stainless that reduces noise by eliminating metal-to-metal contact with a contamination exclusion design.

HIGH TEMPERATURE

Rated for operation up to 660° F and available as regreasable or sealed for life.

Industry Solutions



LUMBER & SAWMILL PARTS

Replacement rollers for sawmill, lumber & pressure treatment equipment.

OIL & GAS PARTS

PCI "TDR" Rollers are a drop-in replacement for units found on top drive equipment commonly used in the oilfield.

WASTE & REFUSE PARTS

Replacement parts for waste & refuse equipment.

CONVEYOR PULLEYS



Drum Pulleys: Package Handling

*FC / MC Series
Diameters: 2" up to 12.75"*

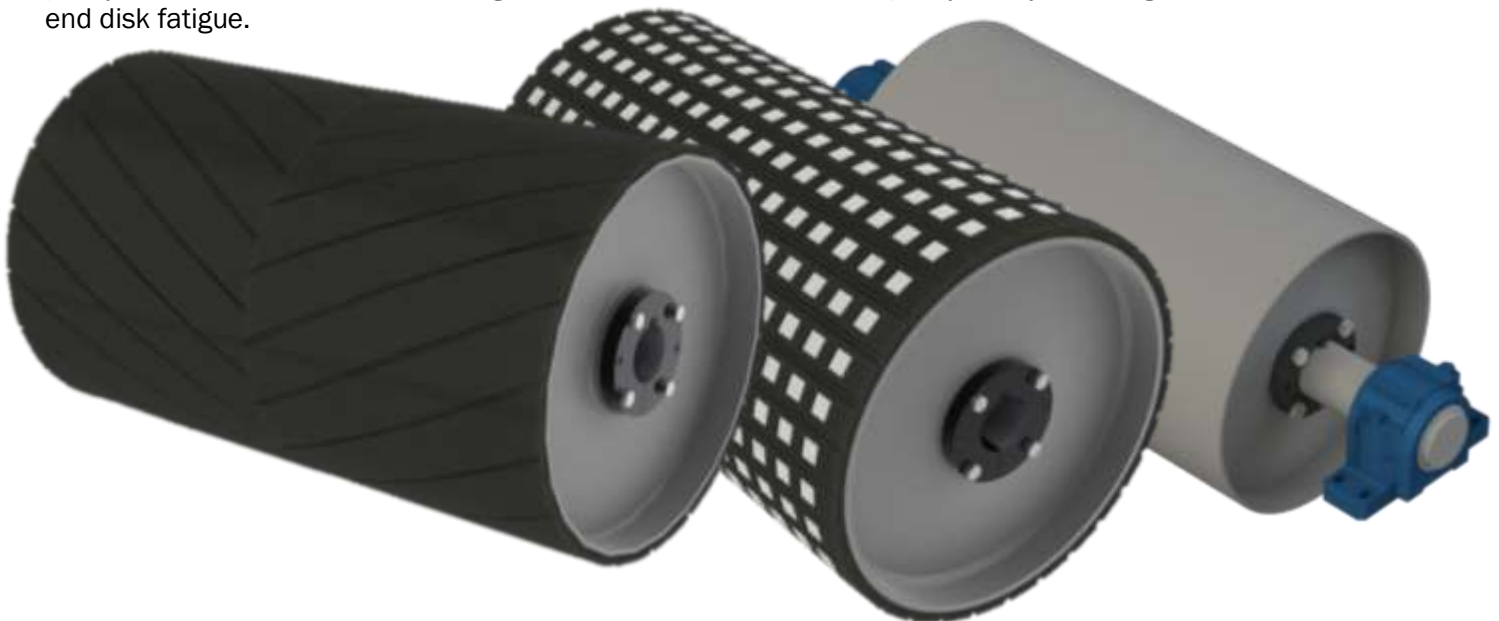
FC and MC Series pulleys are manufactured from light to heavy wall tubing or pipe. FC Series pulleys feature PCI's unique Trapezoidal Crown package. PCI's proprietary crowning process provides the consistency, performance, and dependability of a Trapezoidal Crown profile in an economic gauge wall construction. FC and MC Series pulleys are available in multiple hub configurations, lagging styles and surface finish options.



Drum Pulleys: Bulk Handling

*Heavy / Mine Duty
Diameters: up to 60"*

PCI® Heavy Duty and Mine Duty drum conveyor pulleys are designed to meet or exceed CEMA construction standards for belt conveyor applications where bulk goods are being conveyed. PCI Heavy & Mine Duty drum pulleys feature PCI's Contoured Integral End Disks, which maximize pulley life by reducing the risk of failure from end disk fatigue.



CONVEYOR PULLEYS



Wing Pulleys: Self Cleaning

Heavy / Mine Duty
Diameters: up to 52"

With over a dozen unique wing pulley configurations ranging from 4" to 60" diameter, PCI has North America's largest selection of true self-cleaning pulley solutions. PCI's patented technologies are field-proven to maximize component life and increase performance in the most demanding of applications.



Stainless Steel Conveyor Pulleys

Drum / Wing Series
Diameters: up to 60"

Selection of appropriate components plays a critical role in achieving ultimate success in conveyor design. Without the use of proper tools and training, this selection process can be cumbersome and time consuming for environments requiring stainless steel materials. To help simplify your selection process, PCI has developed four distinct classes of stainless steel conveyor pulleys that are designed to meet the requirements of a variety of applications. Our unique approach to stainless steel conveyor pulley design provides you with *stainless steel selection and solutions simplified.*



SANITARY CLASS

SUPER-CLEAN

EASY-CLEAN

EXTRA-VALUE

ACCESSORIES



Take-Up Frames

Narrow Slot / Wide Slot

Economical side mount in-line style frame designed for use Narrow & Wide Slot Take-Up bearings. Available with an optional cover assembly.

Center Pull

A top mounted, in-line frame providing versatility to numerous applications. A variety of Wide-Slot bearings can be used.

Telescoping

Economical side mount frame, which extends beyond the conveyor frame for use with pillow block bearings

Top Angle

Heavy duty rugged construction in a top mounted design provides durability and protection of the adjustment screw. Uses round bottom Take-Up bearings.

Protected Screw

Designed for ease of use with standard pillow block bearings, PCI Light Duty and Heavy Duty Protected Screw Take-Up Frames provide rugged construction and a top mount design for demanding environments.



Stainless Steel Hubs & Bushings

Precision Machined 300 Series Stainless Steel
XT®, HE, QD® and Taper-Lock® Styles
Stock Availability
Inch and Metric Bore Sizes
Made in the USA



Shafting



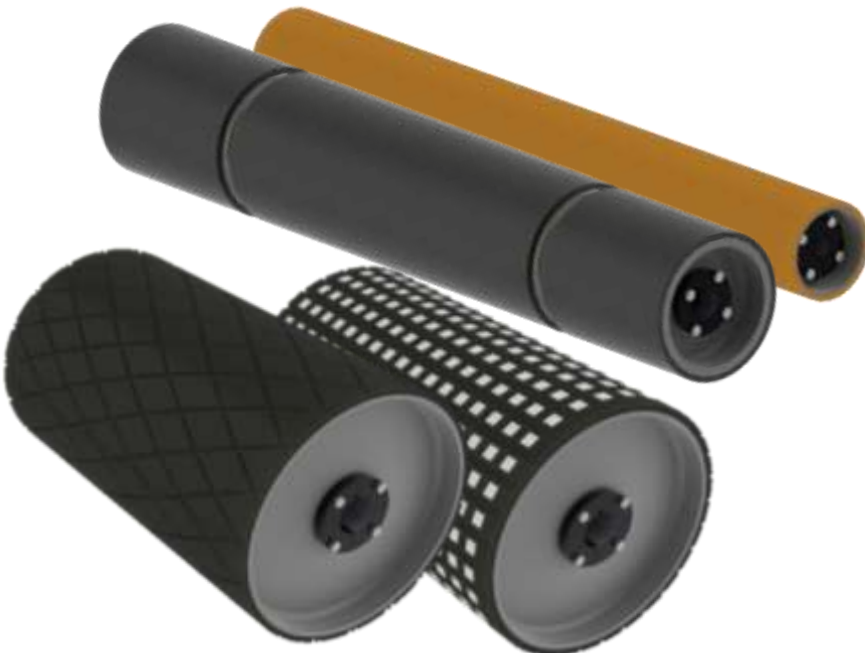
Common details and custom modifications include:

- Turn Downs (single, double, multiple)
- Keyways (single, double, multiple, full)
- Retaining Ring Grooves
- Threading (Internal & External)
- Thru Holes
- Milled Flats
- Keeper Bar Slots

Materials Available

- C1045
- C1018
- C1144
- Turned, Ground & Polished
- Fully Keyed
- 303/304/316 Stainless

Lagging & Coating



A variety of coating products including hot vulcanized rubber and urethane compounds, weld-on lagging, ceramic options and cold bonded lagging products.

Solutions Through Innovation for More than 35 Years!



**Can't Find What
You Need?
Call PCI
(989) 358-7070**

For additional information and to explore
all the choices for your solution,
contact PCI - ProCal Innovations, LLC.
or visit us on the web at
www.pcimfg.com.

PCI is your trusted advisor - providing you with:

PRODUCT KNOWLEDGE

PCI has a thorough understanding of what it takes to manufacture a successful product. PCI provides you with pre-engineered products, modified units or products engineered specifically for your needs.

PCI provides you the maximum number of viable choices, so you can make the best decision for your economic and delivery requirements.

APPLICATION ASSISTANCE

Our experience and market research enables PCI to offer unique market solutions that fulfill industry requirements including:

- food processing
- marine
- mining
- petrochemical

QUICKEST DELIVERY

Along with an innovative design, a solution needs desirable delivery.

PCI secures your application solution when you need it.

Pre-Engineered - IN STOCK
Industry Solutions - IN STOCK
Plus, Industry Leading Delivery for
Custom units including
EXPEDITES

Load Bearing Roller Assemblies

Cam Followers

Diameters: 2" through 20" – Full Complement Needle Bearings

XR Rollers

Diameters: 1" through 10" – Ball Bearings or Tapered Roller Bearings

DCB Rollers

Diameters: 2" through 10" – Full Complement Cylindrical Roller Bearings

Track Rollers

Diameters: 1" through 20" – Ball Bearings or Tapered Roller Bearings

Extreme Duty & Industry Solutions

Unique solutions to resolve failure modes and wear patterns in a variety of demanding industries

Custom & Made-To-Order

Custom solutions based on extensive product knowledge, application assistance and industry leading delivery



Conveyor Pulleys

Drum Pulleys- Package Handling - FC & MC Series

Diameters: 2" through 12.75" - Featuring PCI Trapezoidal Crown Technology

Drum Pulleys- Bulk Handling - Heavy Duty & Mine Duty

Diameters: standards up to 60" - Featuring PCI Contoured Integral End Disks

Wing Pulleys - Self-Cleaning

Diameters: 2" through 52" - Featuring The Eradicator®-The World's First True Wing Hybrid

Stainless Steel Conveyor Pulleys

Diameters: 2" through 60" - Featuring Refined Classes for Painless Stainless Selection



Accessories

Take-Up Frames & Covers

Narrow & Wide Slot, Center Pull, Top Angle, Light & Heavy Duty Protected Screw, and Telescoping Style

Lagging & Coating Services

Cold bonded, weld-on replaceable and over twenty hot vulcanized compounds

Stainless Steel Compression Hubs & Bushings

Several styles manufactured from 300 grade stainless steel materials

Axles & Shafting

Multiple diameters and materials with extensive capacity in custom detailing



Pneumatic Clutches & Brakes

PCI Pneumatic Clutches, Brakes and Clutch/Brakes are IDEALLY suited for

- Accumulation, Zone or Zero-Pressure conveyor systems
- High torque capacities from 0 to 6,300 inch pounds
- Occasional starts and stops, no more than 5 cycles per minute
- Low speed – less than 100 RPM

