

CONVEYOR PULLEYS

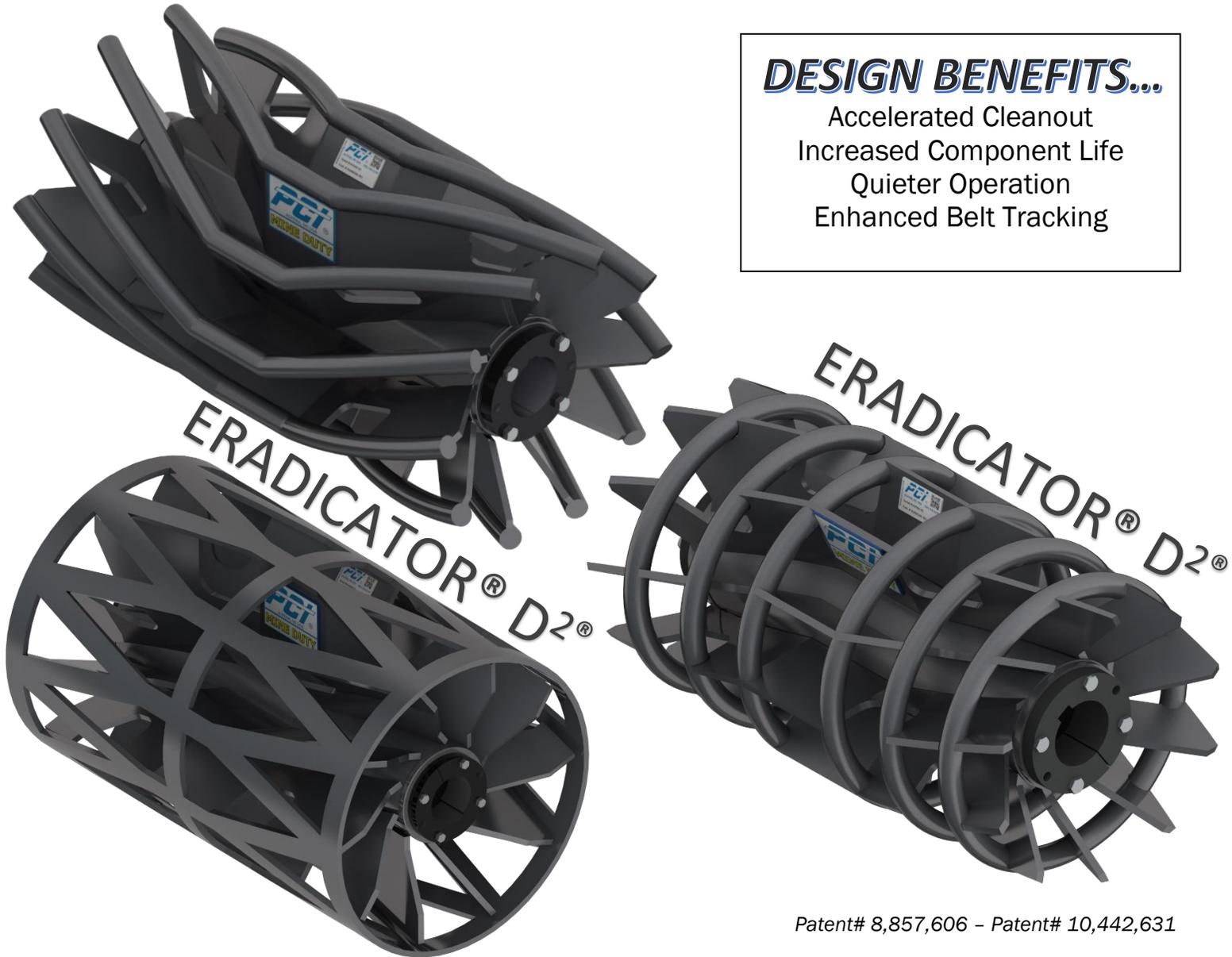
Wing Pulleys – The Eradicator®



The Eradicator® wing pulley combines the best features of a traditional wing pulley with several unique performance enhancing characteristics to create the optimum self-cleaning solution.

DESIGN BENEFITS...

- Accelerated Cleanout
- Increased Component Life
- Quieter Operation
- Enhanced Belt Tracking



Patent# 8,857,606 – Patent# 10,442,631

DIAMETERS AVAILABLE

6" through 48"

THICKNESSES	WING	WING TIP
Standard Duty	7 gauge(.180")	3/4" Round
Heavy Duty	1/4"	1" Round
Mine Duty	3/8"	1-1/4" Round
Tipless	3/8"	-

HUB STYLES AVAILABLE

Welded Compression Hubs/Bushings (Type 4)
Dead Shaft Assembly

"AR" ABRASION RESISTANT MATERIALS AVAILABLE
UPON REQUEST



(989)358-6149

www.pcimfg.com

CONVEYOR PULLEYS

Focus Flyer – The Tipless Eradicator®



The Tipless Eradicator® wing pulley combines the best features of a traditional wing pulley with several unique performance enhancing characteristics to create the optimum self-cleaning solution for small diameter applications.

PRODUCT DASHBOARD			
CLEANOUT RATE 20x FASTER	MATERIAL SIZE GRANULAR 	SINGLE DIRECTION 	NOISE

“AR” ABRASION RESISTANT WINGS
AVAILABLE UPON REQUEST



WATCH THE VIDEO



www.pcimfg.com/portfolio_page/the-eradicator/

Patent# 8,857,606

ALL OF THE BENEFITS OF THE ERADICATOR, PLUS...

SMALL DIAMETER PERFORMANCE

The patented design of the Tipless Eradicator is available in almost any outside diameter and length combination including small diameters. Traditional small diameter designs incorporate straight wings that contact the belt intermittently, entrapping and recirculating material rather than displacing it, often leading to belt damage and pulley failure. The features of the Tipless Eradicator power it with a cleanout rate up to **20 times faster** than a traditional wing pulley giving it unparalleled performance in applications with space limitations.

ENHANCED BELT CLEANING

The patented profile of the Eradicator provides the optimum balance of belt cleaning and cleanout performance. The flat at the center provides the highest level of belt beating of any angled wing product while the angled wing members actively work to discharge material out of the system. This unique combination makes the Tipless Eradicator the ultimate choice for installations in beater bar applications.

CONVEYOR PULLEYS



Focus Flyer – The Tipless Eradicator®

Solutions Through Innovation

How is the Tipless Eradicator different from the original Eradicator?

The Tipless Eradicator features the industry leading, patented design of the original Eradicator but eliminates the use of round bar tips to enable configuration in extremely small diameters. The Tipless Eradicator features increased component thicknesses to maximize rigidity and longevity in a small package.

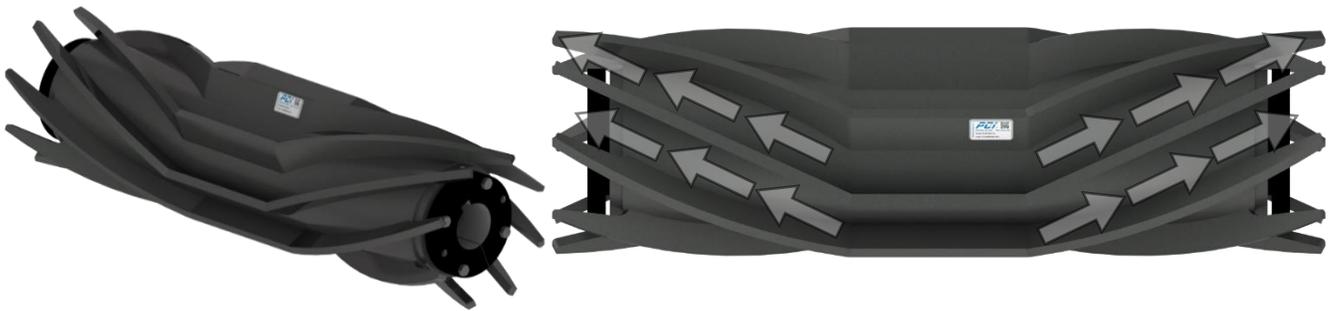
What applications benefit from using the Tipless Eradicator Wing Pulley?

Applications requiring a diameter of 6" or smaller where loose materials are causing damage would benefit from the use of The Eradicator. Because of its unique design and small diameter capabilities, the Tipless Eradicator is the optimum solution for any bulk handling application with diameter restrictions.

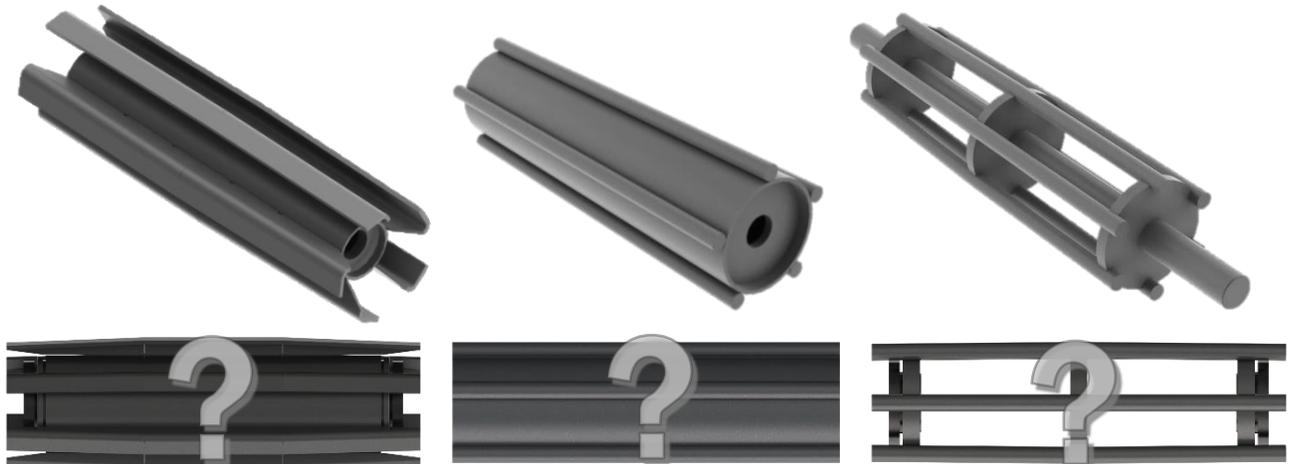
How does the Tipless Eradicator Wing Pulley compare to other small diameter wing designs?

Traditional small diameter wing pulleys have straight wings that entrap materials making them prone to failure due to weaknesses in their construction. The buildup of material in these designs, particularly with snub or beater bar applications, further encourages carryback through the system thereby contributing to premature wear on other components such as return rollers and bend pulleys. The Tipless Eradicator offers a solution to these common problems by beating the belt while effectively discharging unwanted material thereby reducing failure and increasing component life.

THE TIPLESS ERADICATOR®



SMALL WINGS - BEATER BAR – SQUIRREL CAGE



Patent# 8,857,606