

CONVEYOR PULLEYS

Focus Flyer

The Eradicator® E²



The Eradicator E² (*Enhanced Elevator*) boot pulley incorporates the innovative features of the Eradicator D² on bucket elevators. The optimized rim design provides constant contact with the belt, which reduces belt jumping and unintended bucket shaking. Eradicator E² angled wings facilitate proper belt cleaning, while enabling particulate (such as grain) to fall through, rather than crush the valuable bulk materials.



NON-STICK COATINGS
AVAILABLE UPON REQUEST

Patent# 10,442,631

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

OPERATION IN BOTH DIRECTIONS - REVERSIBILITY

The Eradicator E² provides an enhanced cleanout solution for applications where the conveyor belt operates in both directions. The patented design of the Eradicator E² has a cleanout rate up to **40 times faster** than traditional wing pulley products.

SINGLE DIRECTION DISCHARGE

The aggressive angled wings of the Eradicator E² force material out of the pulley in one direction allowing the user to control the placement of the ejected material. In reversing or dual-direction applications, the direction of cleanout will change based on the direction of the conveyor belt.

MAXIMUM BELT CONTACT WITHOUT BULK MATERIAL DAMAGE OR LOSS

By utilizing a steel rim with passageways, the Eradicator E² achieves maximum continuous belt contact for increased traction, reduced noise, and decreased bucket shake. Particulate falls through without damage.

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THE ERADICATOR E² (ENHANCED ELEVATOR) BOOT PULLEY INCREASES YIELD



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BUCKET ELEVATOR CHALLENGES

Bucket shaking	Traditional wing pulley intermittent contact causes the belt to jump. Buckets then shake, forcing valuable product out of the bucket, resulting in lost profits.
Product damage	Drum pulleys placed in the boot position inadvertently crush or damage bulk materials which again, equates to profit loss.
Particulate buildup	Spiral wing pulleys tend to trap material inside of the spiral preventing belt cleaning.