

# Legg Co. "Eliminator" Swather/Header Draper

## "ELIMINATE" Edge Tearing

The "Eliminator" utilizes a unique fabric for the side laminate. This fabric has significantly greater

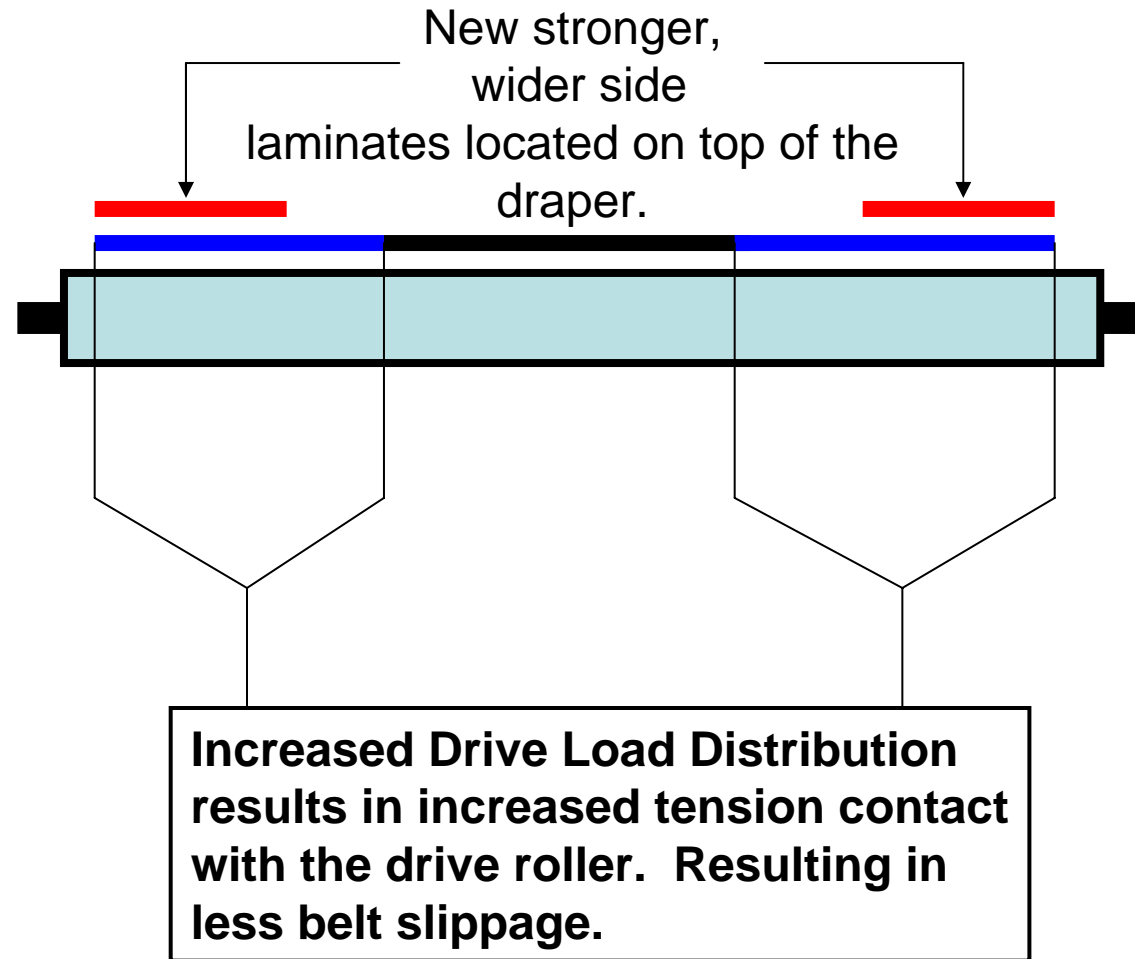


strength (rip resistance) than standard drapers that merely fold over, or 2 ply, the base belt material. Thus "**ELIMINATING**" premature edge tear. This design will increase the rip resistance of the edge of the draper by 50%, if the base fabric is 19oz, and by 30%, if the base fabric is 250z, over the standard folded edge.

**Patent Pending "Eliminator" Side Laminate**

# Legg Co. "Eliminator" Swather/Header Draper

**"ELIMINATE" drive roller slippage.**

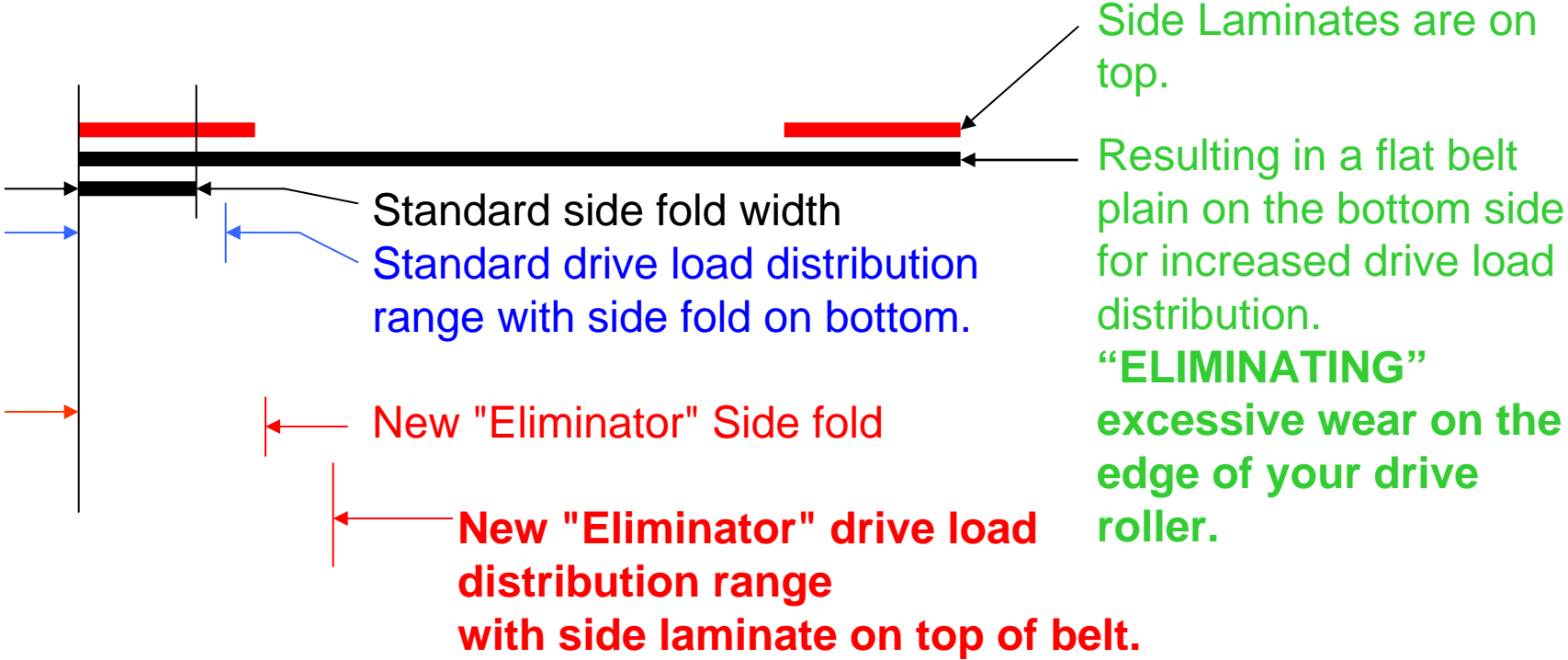


**Patent Pending "Eliminator" Side Laminate**

# Legg Co. "Eliminator" Swather/Header Draper

**"ELIMINATE" excessive pulley wear**

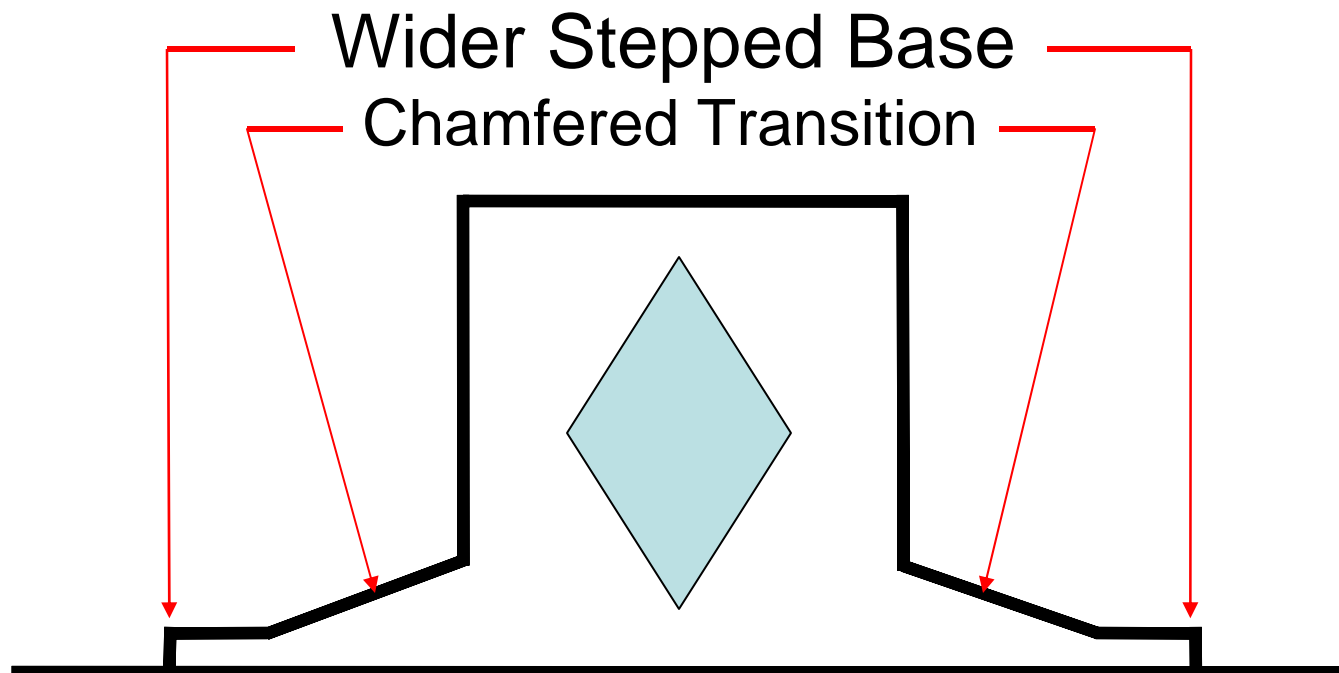
**Patent Pending "Eliminator" Side Laminate**



# Legg Co. "Eliminator" Swather/Header Draper

## "Eliminate" Cleat Base Tear

The wider base of the "ELIMINATOR", in conjunction with the new chamfered cleat transition, allows for a smoother transition over the rollers vs. the old radius or narrow base cleats. This results in a substantial increase in draper life.

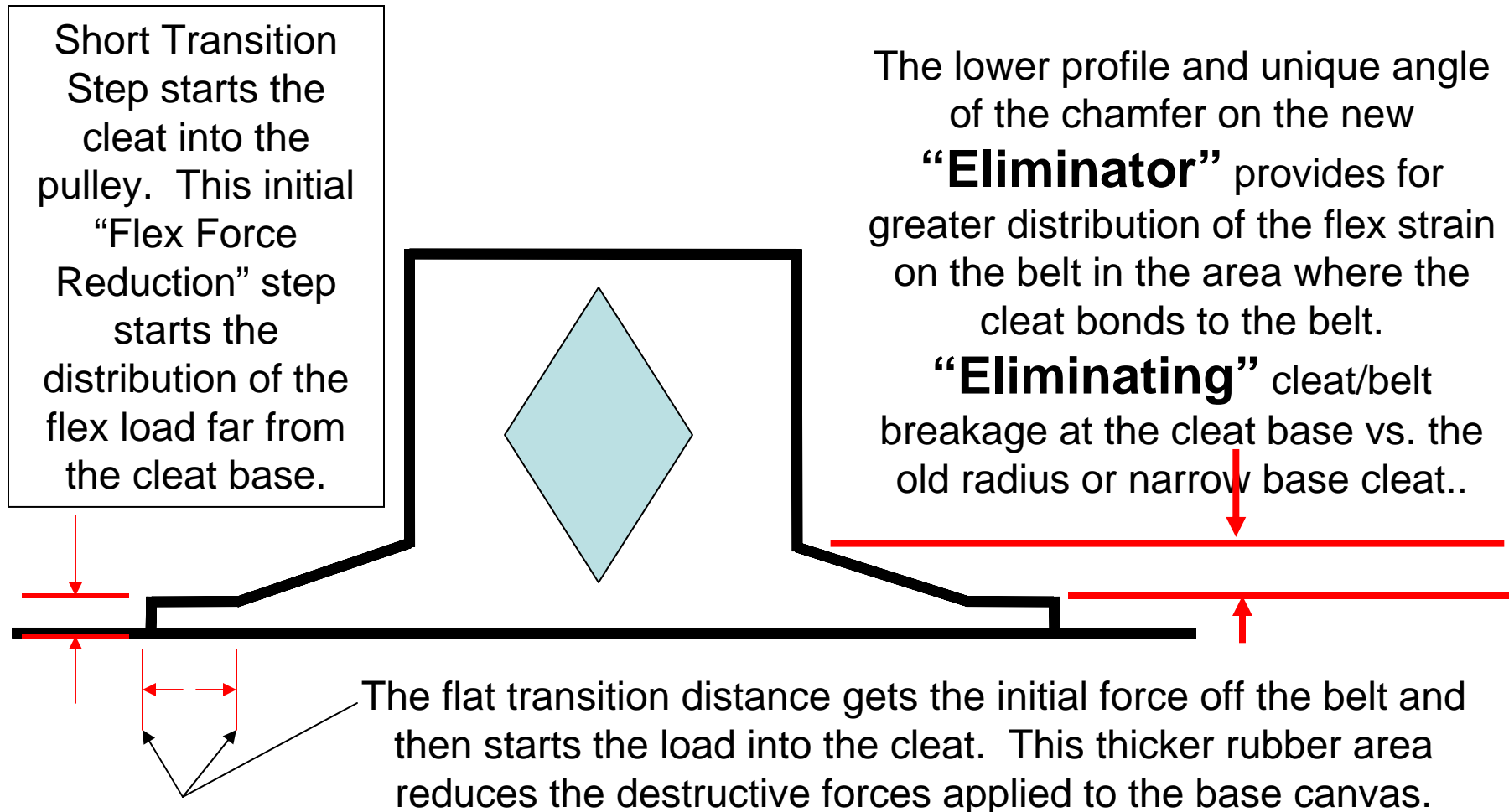


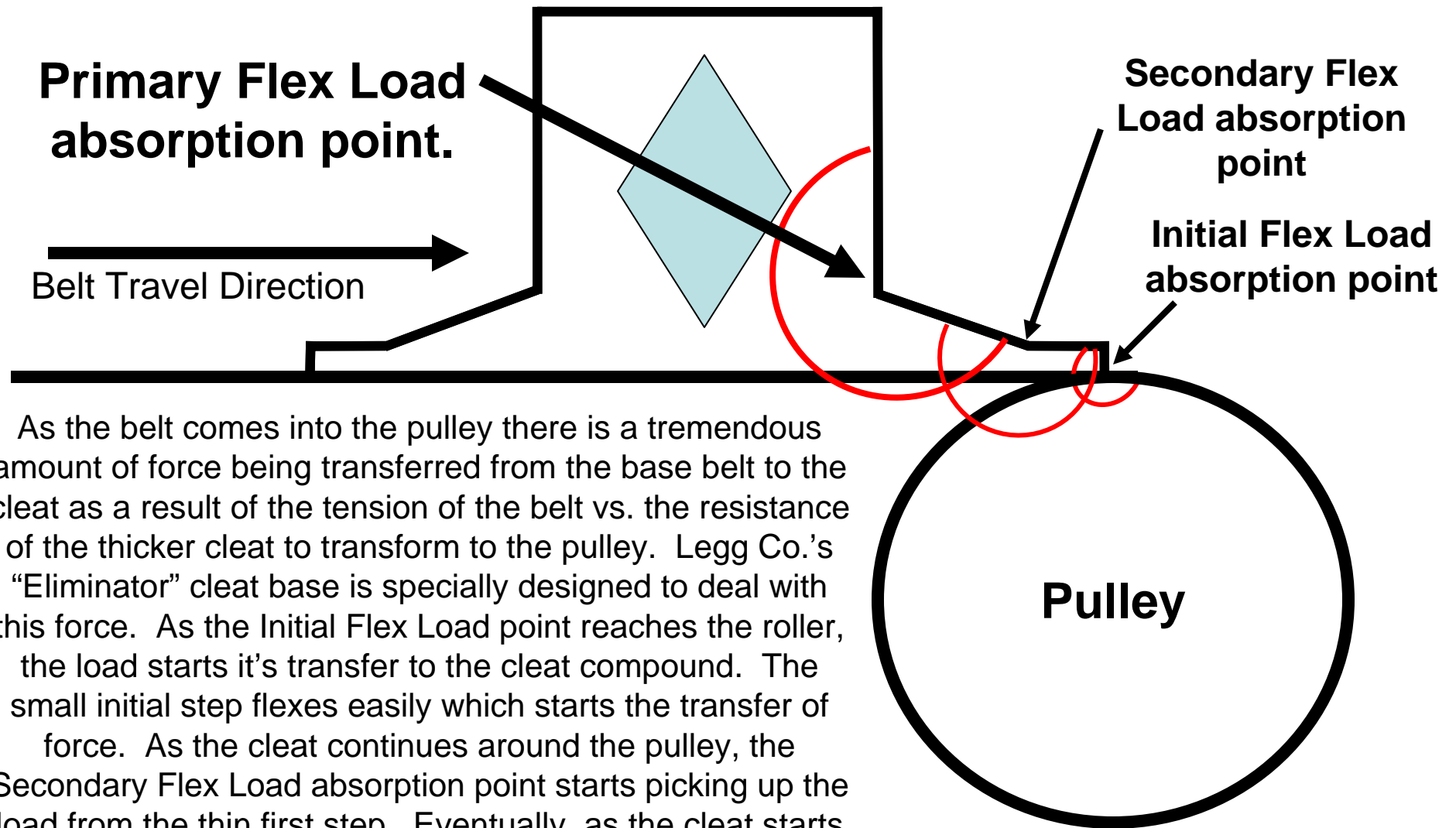
Patent Pending "Eliminator" Cleat Base

# Legg Co. "Eliminator" Swather/Header Draper

## "Eliminate" Cleat Base Tear

### Patent Pending "Eliminator" Cleat Base





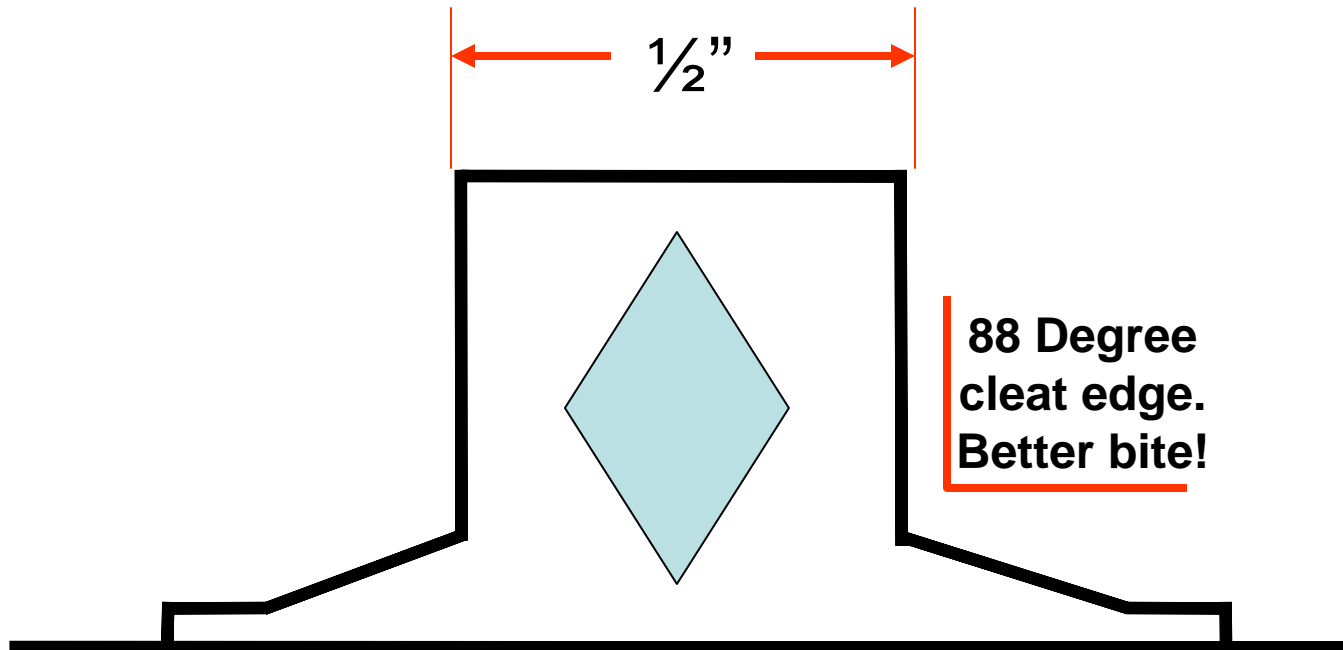
As the belt comes into the pulley there is a tremendous amount of force being transferred from the base belt to the cleat as a result of the tension of the belt vs. the resistance of the thicker cleat to transform to the pulley. Legg Co.'s "Eliminator" cleat base is specially designed to deal with this force. As the Initial Flex Load point reaches the roller, the load starts its transfer to the cleat compound. The small initial step flexes easily which starts the transfer of force. As the cleat continues around the pulley, the Secondary Flex Load absorption point starts picking up the load from the thin first step. Eventually, as the cleat starts around the pulley, the special chamfer disperses the load from the Secondary Flex Load point to the Primary Flex Load point. Resulting in a smooth transition around the roller and a much greater distribution area to "Eliminate" draper failure at the cleat base, and the rubber tearing on the side of the cleat..

**Patent Pending  
"Eliminator" Cleat  
Base**

## Legg Co. "Eliminator" Swather/Header Draper

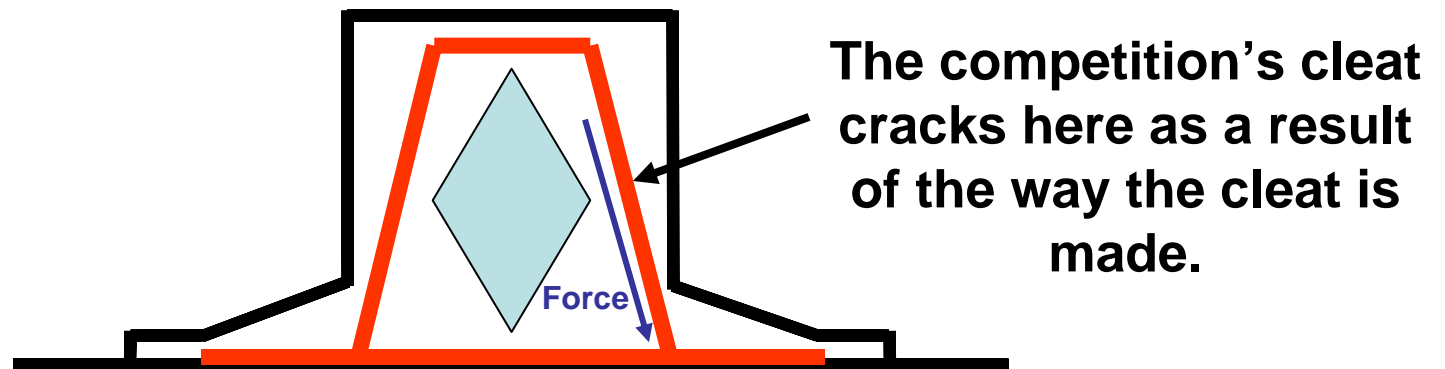
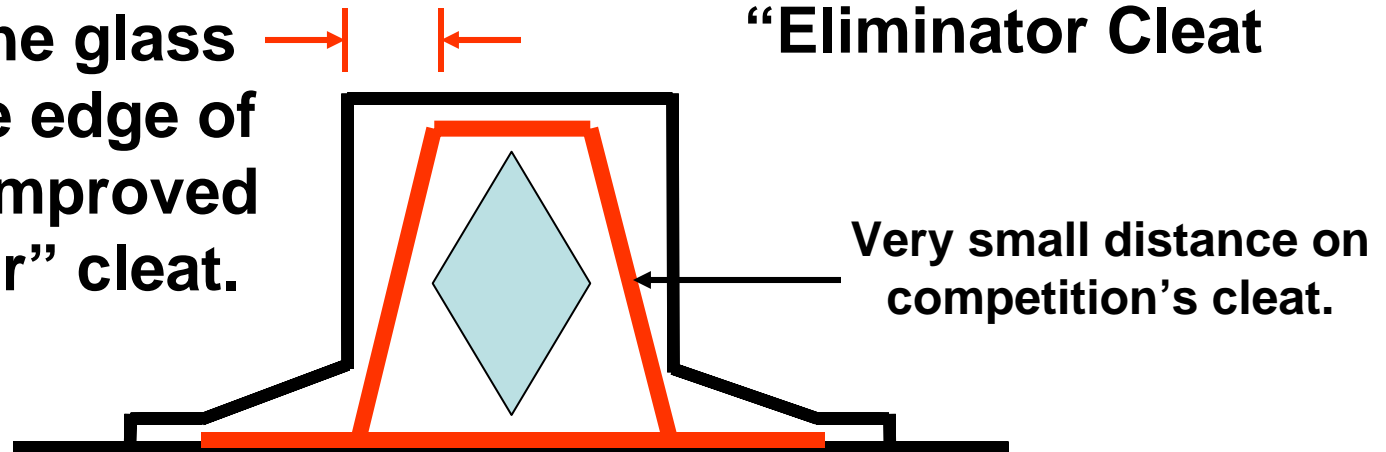
### "Eliminate" Crop Slippage and Premature Rod exposure

New ½" wide beefy cleat results in increased cleat wear before reaching the glass rod. The 90° cleat angle results in increased bite on the crop. Moving more crop faster.

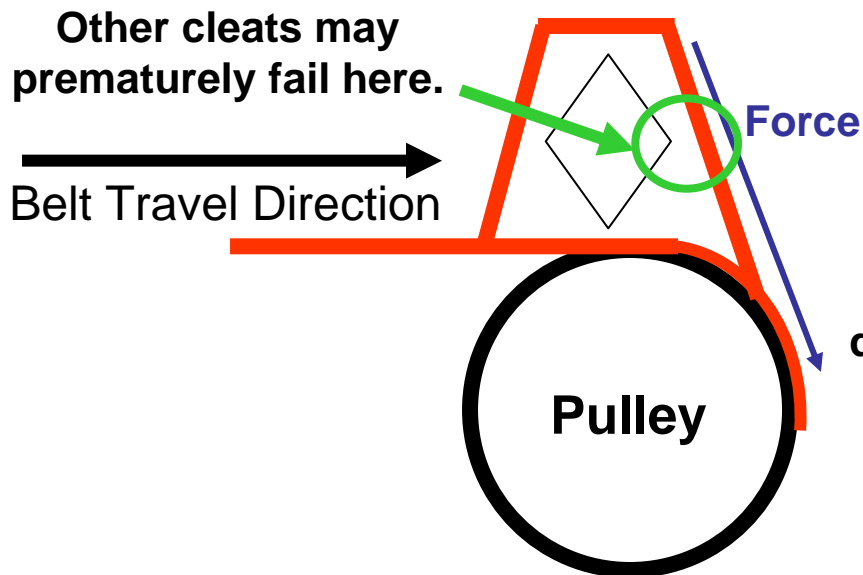
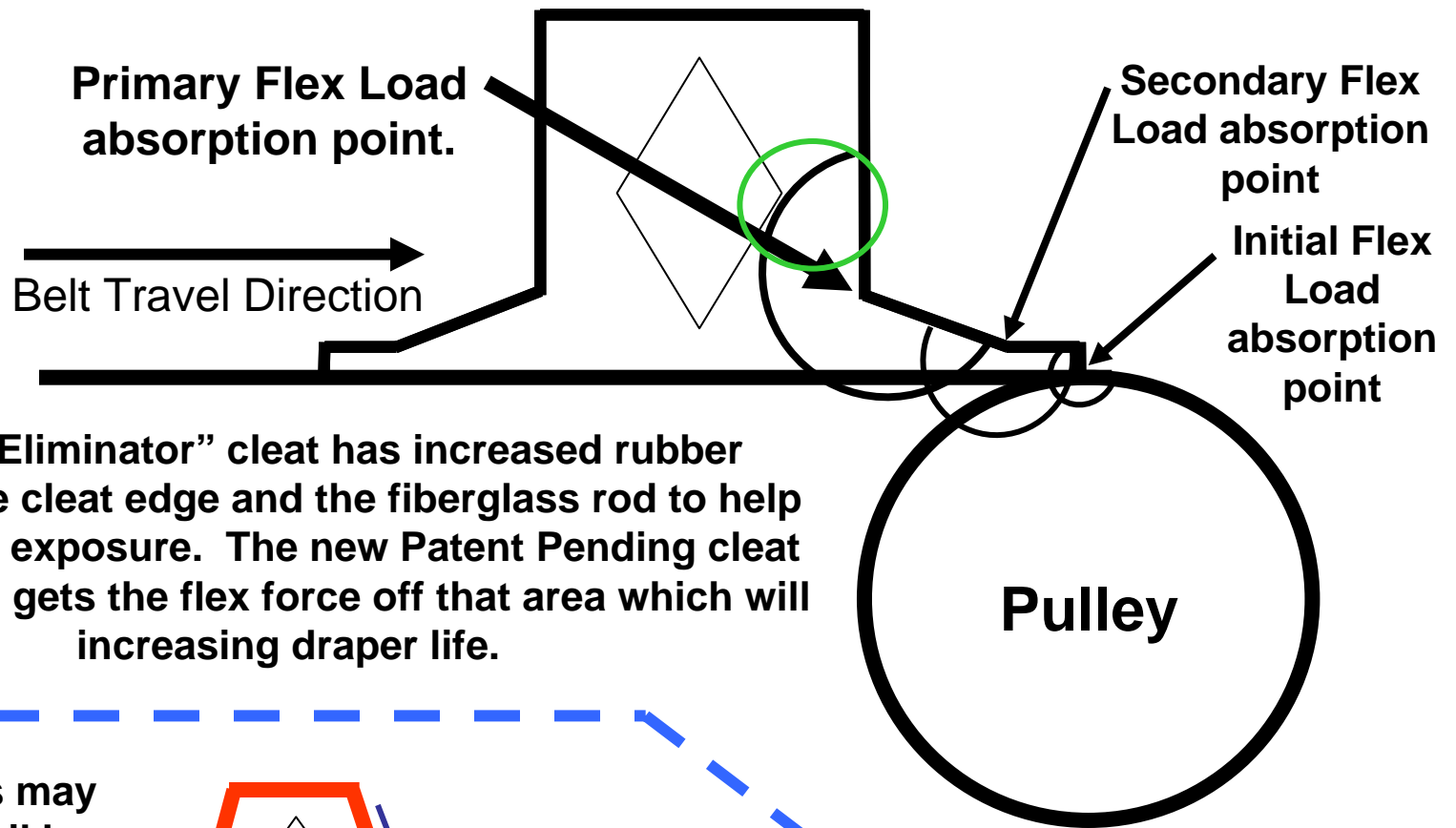


**Greater distance between the glass rod and the edge of the larger improved "Eliminator" cleat.**

**Competition's Cleat "Eliminator Cleat"**

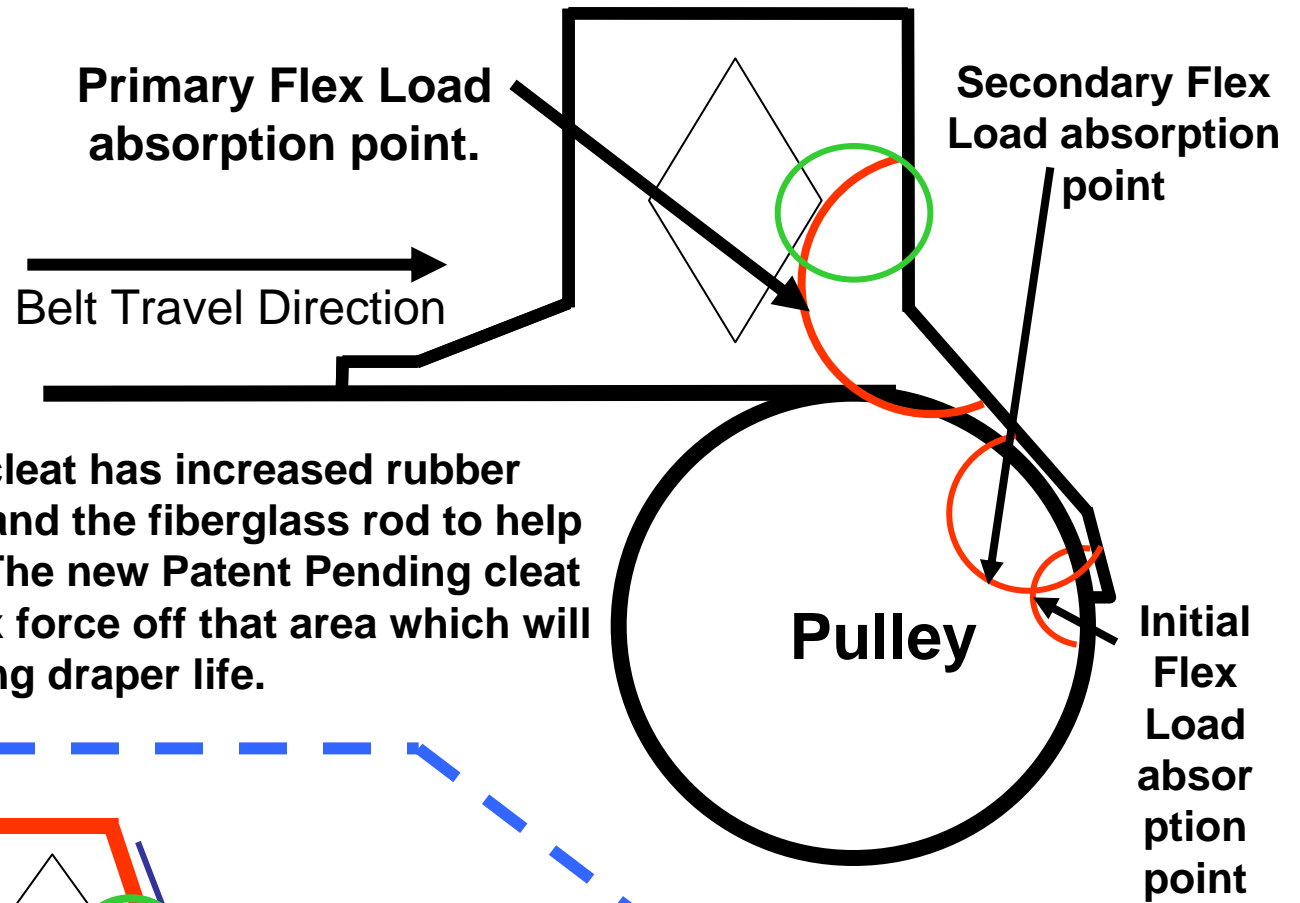


As the competition's cleat goes around the pulley the transfer force is directly applied to the small amount of rubber between the glass rod and the side of the cleat. This is more than it can handle and premature cracking in this area may occur. Once this rubber has cracked the crop will work it's way between the glass rod and the rubber which forces the rubber up and causes even more crop to be lodge in there, until the cleat prematurely fails and the rod is exposed.

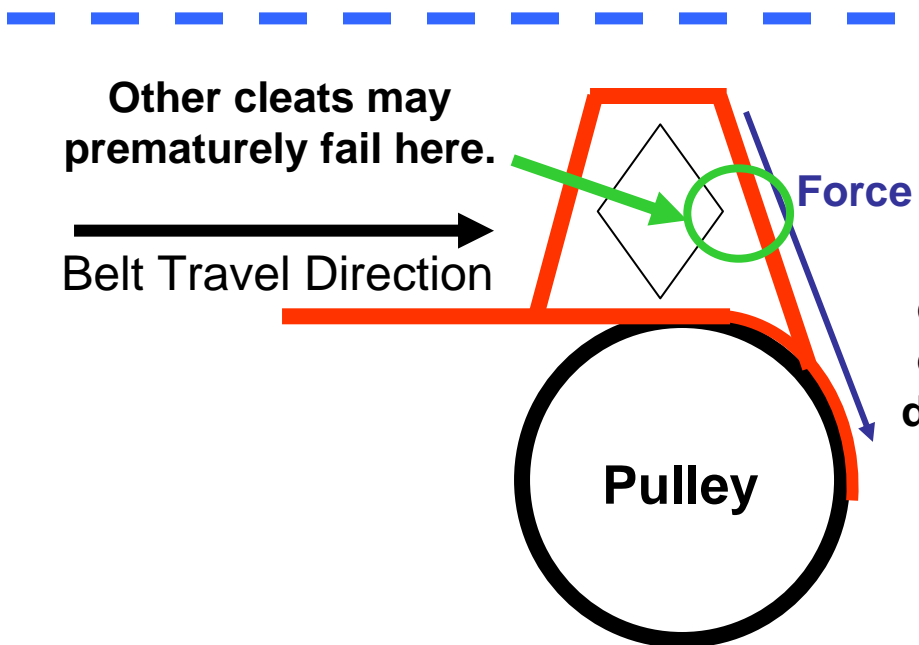


The only thing that's absorbing the force of the cleat being pulled around the pulley here, is the elongation properties of the rubber. And as the draper ages, this becomes less and less. Ounce the rubber in this area of the cleat cracks, crop will start building up when the crack is pulled open as the draper goes around the pulley. A vicious draper killing cycle.

Notice that on the "Eliminator" cleat, the force is greatest on the cleat base when it's supported by the draper, preventing cleat cracking.



Legg's "Eliminator" cleat has increased rubber between the cleat edge and the fiberglass rod to help prevent rod exposure. The new Patent Pending cleat base design gets the flex force off that area which will increase draper life.



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