

# CONVEYOR PULLEYS



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## Focus Flyer - Dead Shaft Assemblies

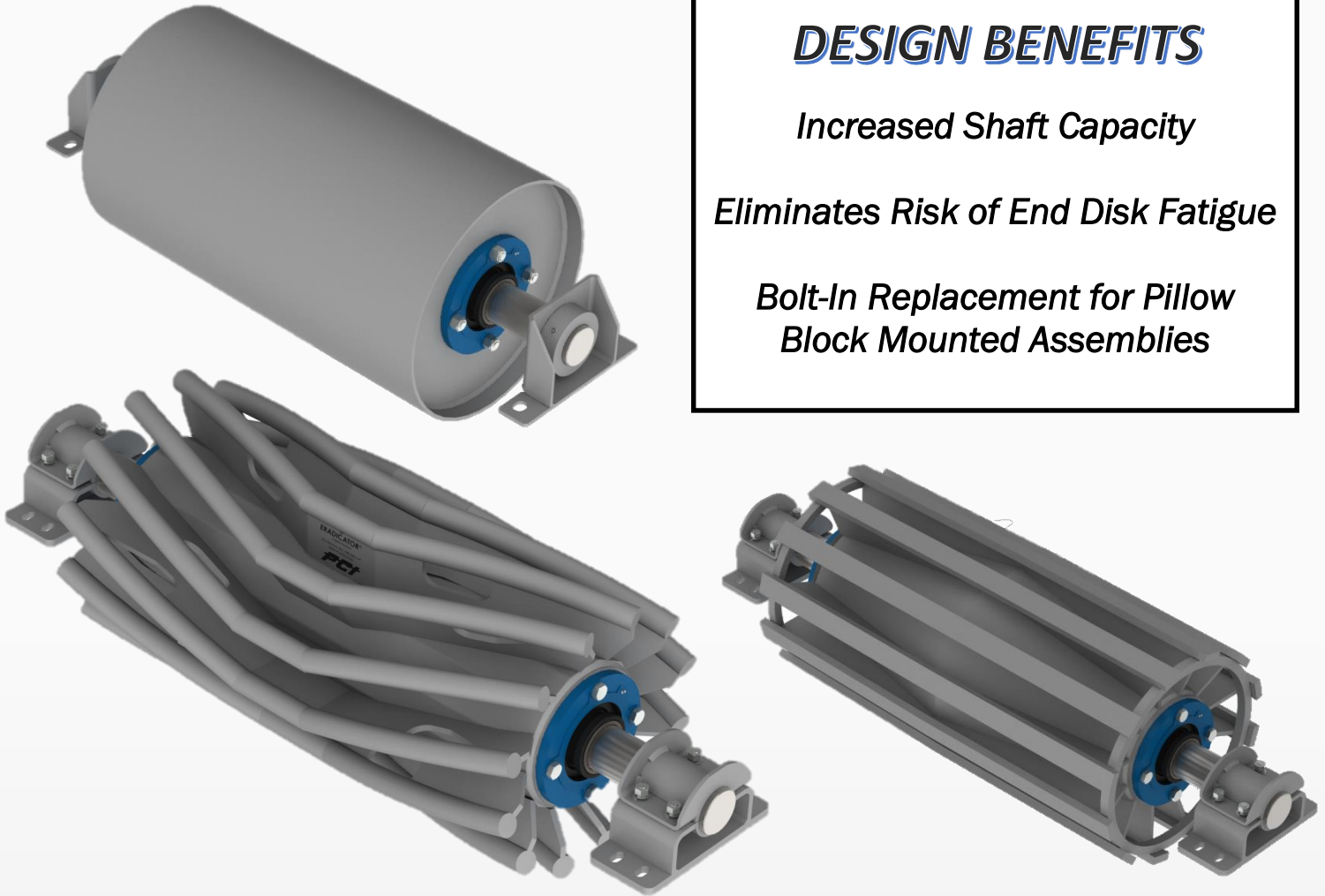
PCI® Dead Shaft Assemblies are designed to maximize conveyor pulley life by eliminating the risk of failure from end disk fatigue while increasing the pulley's overall capacity.

### ***DESIGN BENEFITS***

***Increased Shaft Capacity***

***Eliminates Risk of End Disk Fatigue***

***Bolt-In Replacement for Pillow Block Mounted Assemblies***



***Increased Shaft Capacity:*** Mounting the bearings to the pulley allows the shaft to remain in a fixed position while in operation. Keeping the shaft in a fixed, non-rotating position eliminates the risk of bending fatigue associated with traditional live shaft assemblies. This design change increases the capacity of the pulley assembly.

***Eliminates Risk of End Disk Fatigue:*** PCI Dead Shaft Assemblies utilize SKF® self-aligning spherical roller bearing units which absorb any bending that may occur in the shaft. This self-aligning feature eliminates the transfer of shaft bending into the end disks, eliminating the risk of end disk fatigue.

***Bolt-In Replacement for Pillow Block Mounted Units:*** PCI welded steel Dead Shaft pedestals are available in two styles, designed as drop-in replacements for standard Medium Duty Ball Bearing, Spherical and Type E Pillow Block bearing units.