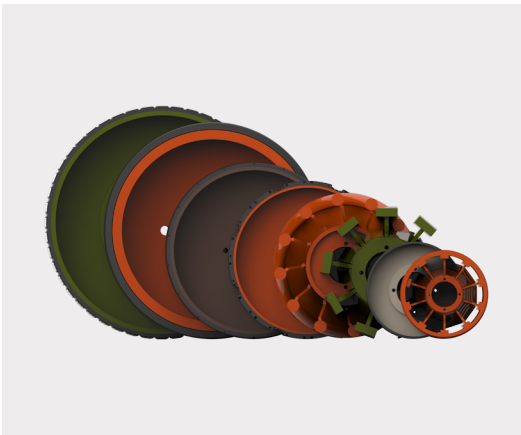




SIX MANUFACTURING PLANTS



CEMA, MINE AND SUPER DUTIES



Custom sizes available upon request

QUICK SPECS

Diameter: Up to 60"

Face Widths: Up to 120"

Shafting: Up to 15"

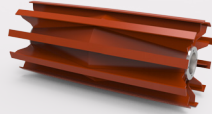


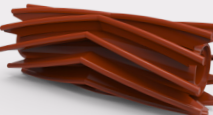
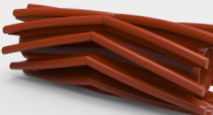


CONVEYOR PULLEYS

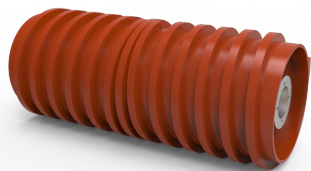
Industry's Fastest Lead Times on Standard and Special Orders

- In-stock availability** of standard product from primary distributors or fast lead times on custom designs. ■
- All drive components available from Superior for complete assemblies from **one point of contact**. ■
- Experienced engineers** for application sizing, current equipment analysis and future recommendations. ■
- Four manufacturing locations** in the Midwest, Southwest and Southeast United States and South America. ■

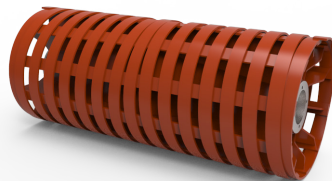
COMPLETE PRODUCT LINE

DESIGN CLASSES					
	CEMA Duty	Mine Duty 1.5	Mine Duty 2.0	Super Duty	Core Systems® Design
Wing Pulleys		-			-
Drum Pulleys					
Chevron® Pulley		-			-
Design Standards	Load, dimensions and crown defined by ANSI B105.1	Roughly 1.5X service factor of CEMA standard	Roughly 2.0X service factor of CEMA standard	Exceeds 2.0X service factor of CEMA standard	Custom Engineered Class
Conveyor Type	Light duty, portable	Medium duty	Heavy duty	Extra heavy duty	High tonnage
Belt Style	Fabric	Fabric	Fabric	Fabric	Steel cable or fabric
Belt Burden	Not started under load	Started under moderate load	Started under full load	Started under full load	Started under full load
Starts and Stops	Infrequent	Moderate	Frequent	Frequent	Frequent
Load/Feed Characteristics	Uniformly loaded	Uniformly loaded	Non-uniformly loaded	Non-uniformly loaded	Non-uniformly loaded

UNIQUE PULLEYS



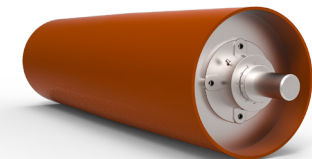
SPIRAL DRUM PULLEY



SPIRAL WING PULLEY



BELT HOLD DOWN WHEEL



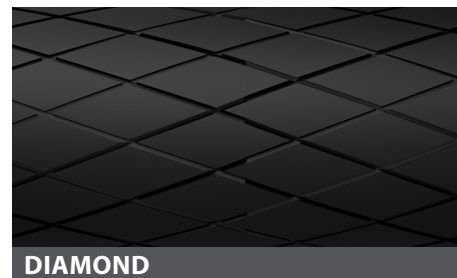
DEAD SHAFT PULLEY

PULLEY SPECIFICATIONS

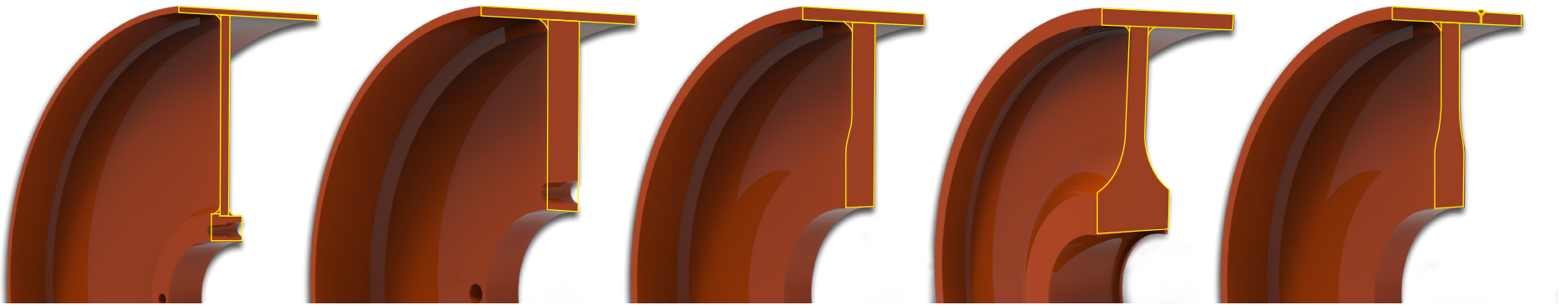
CONVEYOR PULLEYS				
Pulley Types	Pulley Diameter inch (mm)	Integral Hub Diameter inch (mm)	Face Width inch (mm)	Contact Bar Thickness inch (mm)
CEMA Duty Drum Pulley	4"- 60" (101 - 1,524)	12" (304) and under	12"- 78" (304 - 1,981)	-
CEMA Duty Wing Pulley	6"- 60" (152 - 1,524)	-	12"- 78" (304 - 1,981)	1/4" x 1-1/2" min., 3/8" x 1-1/2", 5/8" x 1-1/2" *
Mine Duty 1.5 Drum Pulley	8"- 60" (203 - 1,524)	12" (304) and under	12"- 78" (304 - 1,981)	-
Mine Duty 2.0 Drum Pulley	8"- 60" (203 - 1,524)	12" (304) and under	12"- 102" (304 - 2,590)	-
Mine Duty 2.0 Wing Pulley	8"- 60" (203 - 1,524)	-	12"- 78" (304 - 1,981)	5/8" x 1-1/2" min. (15 x 38)
Super Duty Drum Pulley	10"- 60" (254 - 1,524)	12" (304) and under	12"- 102" (304 - 2,590)	-
Super Duty Wing Pulley	10"- 60" (254 - 1,524)	-	12"- 78" (304 - 1,981)	3/4" x 2" min. (19 x 50)
CEMA Duty Chevron® Pulley	8"- 36" (203 - 914)	All CEMA	12"- 75" (304 - 1,905)	1" x 1/2" half round bar (38)
Mine Duty Chevron® Pulley	12"- 42" (304 - 1,066)	Varies	12"- 75" (304 - 1,905)	1" round bar (25)
Super Duty Chevron® Pulley	12"- 42" (304 - 1,066)	Varies	20"- 75" (508 - 1,905)	1-1/2" round bar (38)

* (6 x 38 min., 9 x 38, 15 x 38)

LAGGING OPTIONS



END DISC OPTIONS



CLASS ONE

WELDED HUB: Best value in applications where high tension is not the chief concern.

CLASS TWO

INTEGRAL HUB: One piece machined integral end disc. Eliminates two welds of hub to end disc, a common fatigue point. Optimized for XT bushings, others available upon request.

CLASS THREE

PROFILE DISC: Solid profiled end disc. Machined one side reduces stress and eliminates hub to end disc welds. Designed for keyless locking devices. Stress free assembly without damaging effect of keyways.

CLASS FOUR

TURBINE END DISC: One piece solid end disc. Machined on both sides to resemble true turbine/hourglass shape. Minimizes stress. Meets customer specific load and tensions. Works with various keyless locking devices.

CLASS FIVE

T-SECTION: Solid end discs. Machined to eliminate welds on end disc. Joins with butt welds and rim to form "T" cross section. Meets customer specific load and tensions. Fabric and steel cable belts over 2500 PIW. Designed for use with heaviest series of keyless locking devices.

PHOTO GALLERY

