



Heavy Duty Conveying

Lagging

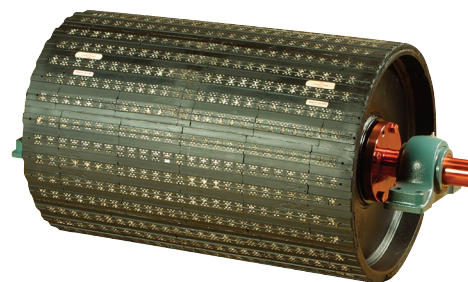
Martin's Lagging is designed to meet the demands of your application. We offer vulcanized rubber, cold bond lagging and strip lagging.

Additionally we provide a unique brand of Ceramic Lagging custom fit to your application. Ceramic lagging is specifically designed to reduce slippage and improve tracking with a positive grip. This allows for lower belt tensions which extend the life of your conveyor components. Wear characteristics are also improved in harsh environments.

Other lagging compounds such as Urethane, EPDM White Food Grade FDA approved rubber, and many other lagging products are also available.

Vulcanized Rubber Lagging

- 4" through 72" Diameter in any thickness
- Available in Smooth, Herringbone or Diamond groove pattern
- Abrasive resistant



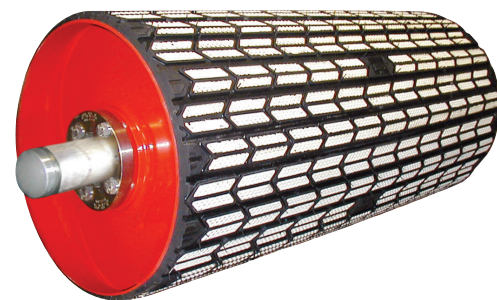
Ceramic Lagging

- Three to five times higher coefficient of friction than rubber to rubber
- Optimum tile positioning for combatting tile displacement created by belt pull
- Maximum tile size for increased surface area
- Improved wear characteristics



VC-Lagg (Vulcanized Ceramic Lagging)

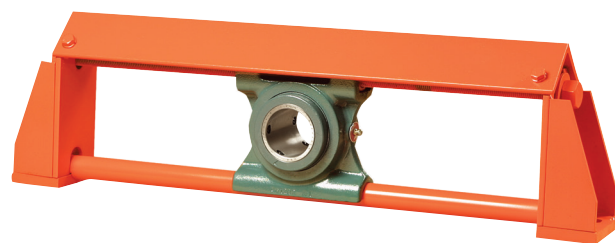
- 60 Durometer rubber with high tensile rubber
- No sharp edges on tiles
- Water relief grooves between all tiles
- MSHA Compounds available
- Available in any size.



Take-Up Frames

Martin's Take-Up frames are fabricated from steel, offering superior strength and durability in the most rugged conditions.

- Available in Top Angle & Heavy Duty Center Pull, Wide Slot & Tube Take-Up
- Accommodate bearing shafts sizes from 1" to 4-15/16"
- Available in standard travel lengths from 9" to 60"
- Stainless Steel, ACME thread & MTO lengths available
- Suitable for most manufacturers' housing styles including center pull wide slot, pillow block and top angle protected screw



Bearings

Martin offers a full line of roller bearings and stocks most common sizes. We can supply SAF, Type E, and Ball Bearing units in Pillow Block, Flange Block & Take-Up Housing styles.

- Type E Pillow Block Bearings
 - Housings in 2 and 4 Bolt Design
 - Bore Range from 1-7/16" Diameter to 4-15/16" Diameter
 - Spherical Roller and Taper Roller Designs
 - Expansion and Non-Expansion Units
 - Dimensionally Interchangeable with Standard "E Bearings"
- Split Housed Spherical Pillow Block Bearings
 - Stocked from 1-7/16" Diameter to 8" Diameter
 - Taconite Seals and End Caps Available from Stock
 - Fully Split Bearing with Split Housing Units Available

A Martin possui 30 operações na América do Norte

Ligue para a *Martin* Sprocket e Gear do Brasil no tel. 19 3877-9400 ou visite o site www.martinsprocket.com

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CONVEYOR PULLEYS HEAVY DUTY

A *Martin* oferece uma completa linha de Tambores para suas aplicações de transporte de materiais. Ampliamos a nossa gama de produtos com a mesma tradição e qualidade.

- Tambores — Com ou sem revestimentos
- Eixos
- Tensionadores
- Mancais de Rolamentos
- Produtos Especiais



SPROCKET & GEAR DO BRASIL

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"A empresa em que você pode confiar!"



Heavy Duty Conveying

Martin's product line meets the demanding requirements of industries such as: sand and gravel quarries, coal mines, unit packaging, food processing, and recycling. These pulleys are manufactured to the same quality standards you have come to expect from Martin. We offer exceptional delivery times on stock and made-to-orders.

PULLEYS

- Drum Pulleys from 3-1/2" to 60" Diameter
- Wing Pulleys from 6" to 60"
- Quarry Duty "AR" Wing Pulleys
- Standard, Heavy, Mine and Quarry Duty
- Stainless Steel Pulleys
- Spiral Pulleys
- Lumber Rolls
- Engineering Class Pulleys
- V-Guide Pulleys

LAGGING

- Vulcanized Rubber Lagging (VRL)
- Strip Lagging from Holz Rubber
- Ceramic Lagging (CCI C-Lag)
- Shell Lagging
- Replaceable Lagged Beater Bars
- Special Compounds
- Cold-Bond Rubber Lagging
- FDA Approved Lagging
- Relagging • Abrasive Resistant

SHAFTING

- Stock C1045 Material 1/2" to 2-7/16" Diameter
- Stock 1045 T&P 2-15/16" to 5-15/16" Diameter
- Stock 1045 Hot Roll Bar 6" to 10" Diameter
- Stainless Steel and other Special Alloys
- Stress Proof Material
- Full Machining Capabilities

TAKE UP FRAMES

- Center Pull Take-Up Frames (CCP)
- Top Angle Take-Up Frames (CTA)
- Side Mount, Wide Slot Take-Up Frames (CWS)
- Tube Take-Ups (TTU)
- Heavy Duty Take-Up Frames (CHD)

BEARINGS

- Type E Pillow Blocks
- Split Housed Pillow Blocks
- Take-Up Housing Bearings
- Ball Bearing Pillow Blocks
- Shaker Screen Bearings

POWER TRANSMISSION

- Shaft Mounted Speed Reducers
- Electric Motors
- V-Belt Drives
- Backstops, External and Internal
- Sprockets & Roller Chain
- Fluid Couplings

SPECIALTY PRODUCTS

- Wear Rims
- Replaceable Beater Bars
- Beater Rolls
- Drag Chain Idlers
- Aerator Rolls for Sewage Treatment

Pulleys

Martin now manufactures heavy duty pulleys offering maximum protection against premature failure in harsh applications. This specialty product line is available as stock, and made-to-order with exceptional delivery time.

Machined Drum Pulleys

- 3-1/2" to 10-3/4" Diameter
- Manufactured from heavy wall pipe or tubing
- Crowned Face or Flat Face
- Several hub/bushing systems available
- Machined OD's for better belt tracking and less vibration



Mine Duty Drum Pulleys

- 10" to 60" Diameter
- 3/8", 1/2", 5/8" Rims
- 1", 1-1/4" and Heavier End Discs
- 3/8" Center Plates
- Several Hub/Bushing Systems Available
- Double Sub-Arc Weldments



Quarry Duty Drum Pulleys

- 12" to 60" Diameter
- 1-1/4" and Heavier End Discs
- Full Depth Hub/Bushings
- 1/2", 5/8", 3/4" Rims
- 1/2" Center Plates
- Double Sub-Arc Weldments

Standard Duty Drum Pulleys

- 3-1/2" to 60" Diameter
- 3/8" minimum End Disc
- 1/4" minimum Center Plates
- Several Hub/Bushing systems available



Heavy Duty Conveying



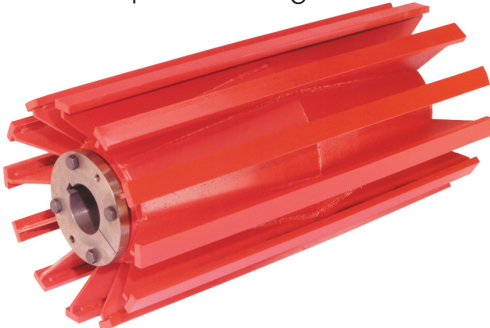
Standard Duty Wing Pulleys

- Available in 6" thru 60" diameter
- Minimum 3/8" x 1-1/4" Contact Bars
- Minimum 1/4" thick wings
- Minimum 10 ga. Gussets
- Features unique CCI "End Pipe" design
 - Better protection against wing folding
 - Better protection against hub-weld fatigue



Mine Duty Wing Pulleys

- Available in 8" thru 60" diameter
- Minimum 5/8" x 1-1/2" contact bars
- Minimum 3/8" thick wings
- Minimum 1/4" Gussets
- Features unique CCI "End Pipe" design
 - Better protection against wing folding
 - Better protection against hub-weld fatigue



Quarry Duty Wing Pulleys

- Available in 10" thru 60" diameter
- Minimum 3/4" x 2" contact bars
- Minimum 3/8" thick wings
- Minimum 1/4" Gussets
- Features unique CCI "End Pipe" design
 - Better protection against wing folding
 - Better protection against hub-weld fatigue
- Features full depth keyed bushings and hubs for higher clamping to shaft



Quarry Duty "AR" Wing Pulleys

- Available in 10" thru 60" diameter
- Minimum 3/4" x 2" contact bars "AR 400" abrasive resistant steel
- Minimum 1/2" thick wings
- Minimum 5/16" Gussets
- Features unique CCI "End Pipe" design
 - Better protection against wing folding
 - Better protection against hub-weld fatigue
- Features full depth keyed bushings and hubs for higher clamping to shaft



Spiral Pulleys

- Both Drum & Wing construction
- Reverse Helixes wrapped around outer diameter
- Pulley Flat Bar is under the Spiral Wrap for added protection
- Larger welds provide a better bond between the wrap and pulley
- Designed to remove material from belt
- Available in Standard, Heavy, Mine and Quarry Duty



"DSP" - Dead Shaft Pulleys

- Aggressive Construction
- Piloted flange cartridge - easily interchangeable with other brands
- Standard "off-the-shelf" Integral Bearing
- 3/4" Thick Fabricated Steel Mounting Pedestals
- Increased Diameter Shafting Behind Bearings to Reduce Deflection
- Available in Standard Duty, Mine Duty, Quarry Duty and Quarry Duty "AR" construction - Wing or Drum Style



V-Guide Drum Pulleys

- Crowned Face or Flat Face available in A, B, or C Groove construction
- 4" to 10" Diameter
- Several Hub/Bushing Systems Available
- Manufactured from Heavy Wall Pipe or Tubing
- Machined OD's for Better Belt Tracking and less vibration

