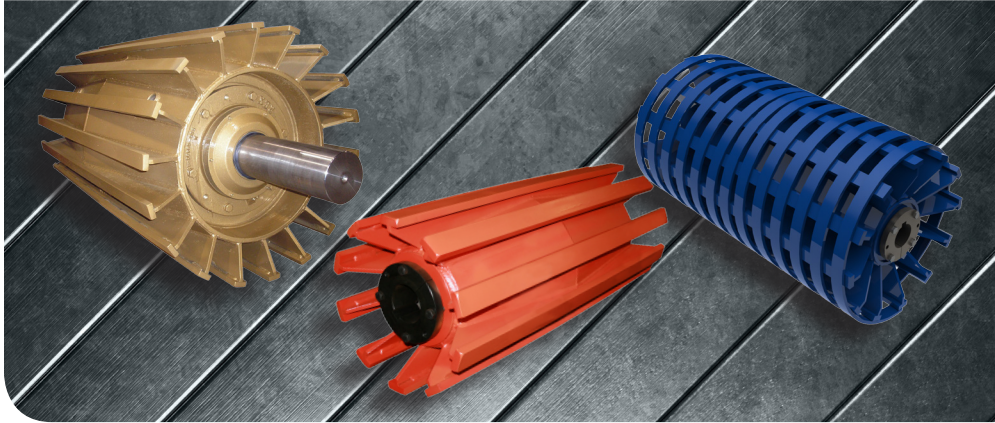




It's All About the Pipe-End!

- Improved Pipe-End Construction
- Importance of Maximum Wing Height

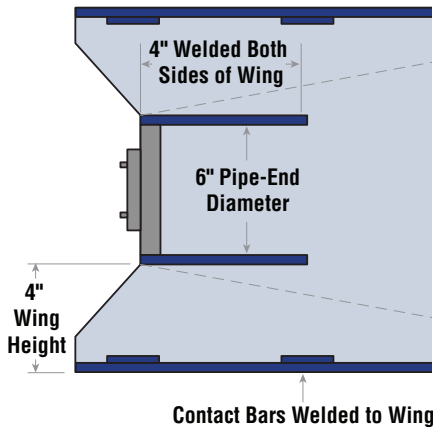
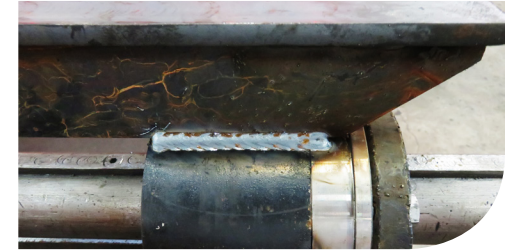


Martin manufactures all Wing Pulleys using a different construction method to other major Pulley manufacturers in North America.

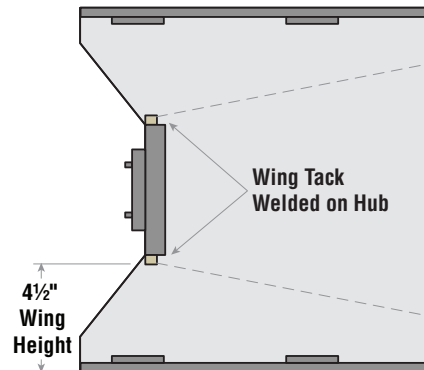
The *Martin* Wing Pulley offers numerous strength benefits that help to combat many of the most common Wing Pulley failure modes.

Why Have Pipe-End Construction?

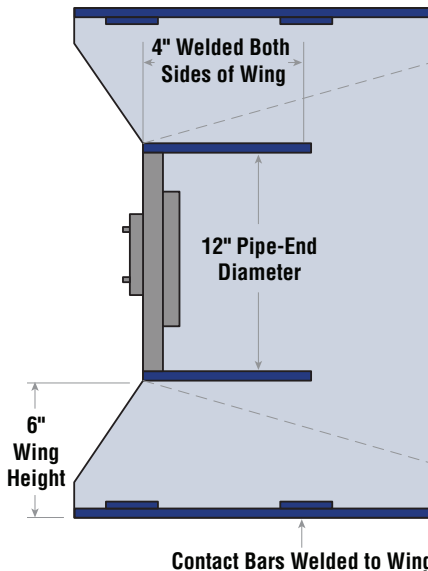
All *Martin* Wing Pulleys are built around a pipe in both ends with a minimum 4" long weld on both sides of the Wings. This offers a much stronger core than tack welding the Wings directly to the hub.



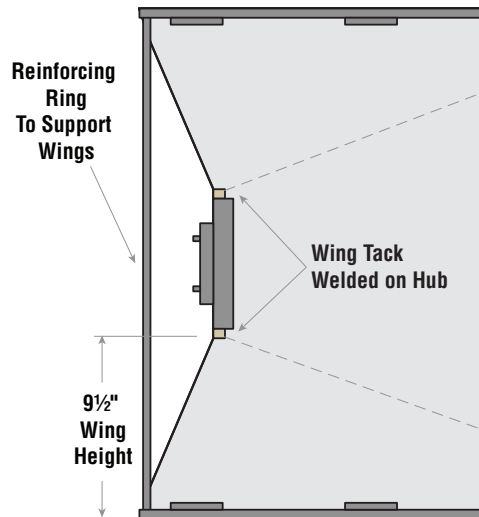
14" Diameter
Martin Wing Pulley



14" Diameter
"Brand X" Wing Pulley



24" Diameter
Martin Wing Pulley



24" Diameter
"Brand X" Wing Pulley

Importance of Maximum Wing Height

When belt tension is increased on the conveyor system, the weakest link is often the Wings on the Wing Pulley. *Martin* uses a maximum Wing height of 6" so it does not require reinforcing rings on any Pulleys. Reinforcing rings are often troublesome due to rocks getting jammed and not discharging. The 6" maximum Wing height drastically reduces the chance of Wing fold over.





It's All About the Wings!

- Heavy-Duty Contact Bars
- Integral End-Disc Construction

Heavy Wing & Contact Bars

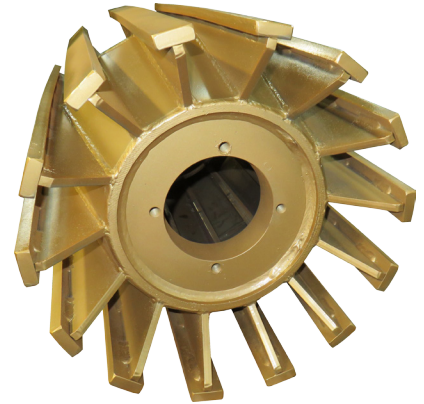
Minimum .250" thick Wings and .375" x 1.25" contact bars on standard duty Wing Pulleys.



Integral End-Disc Construction

Available on any Wing Pulley and is often the standard construction method.

The hub is machined directly into the End-Disc mounted inside the Pipe-End eliminating the hub to end plate connection.

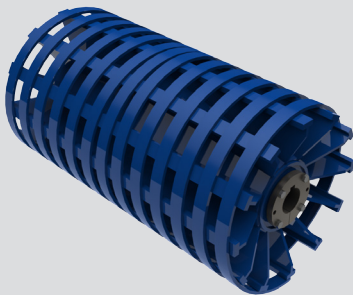


Also Available

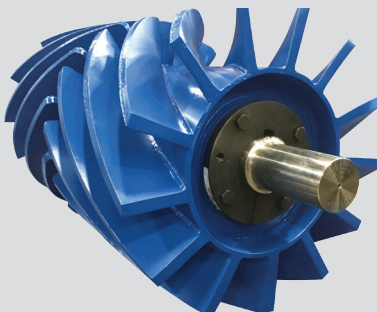
- Wing Lagging (rubber & urethane)



- Spiral Wrapped Wing Pulley



- Clean Flight® Wing



Fun Fact

Weight is typically a common selling feature on *Martin* Drum Pulleys but it can be different on a *Martin* Wing Pulley.

By using a larger Pipe-End and shorter Wing heights, the overall weight of the Pulley could be lighter than the competition even using heavier Wings and Contact Bars.

THAT'S OK AS LONG AS YOU KNOW WHY the *Martin* Wing Pulley could be lighter than the competition.

Martin Conveyor Pulley Nomenclature

Face	C	S	D	120	26	X25	L	3	H	Lagging Style
C Crown										If no letter, Lagging is Smooth
F Flat										H Herringbone
Pulley Type										D Diamond Groove
S Standard Duty										C Ceramic
M Mine Duty										(no thickness specified)
Q Quarry Duty										S Slide Lagging
QAR Quarry Duty AR										R Radial/Circumferential
E Engineered Class										P Parallel (with shaft)
Pulley Style										Lagging Thickness
D Drum										2 1/4" 4 1/2" 6 3/4"
W Wing										3 3/8" 5 5/8"
CF Clean Flight®										Lagging No suffix, no lagging
Diameter										Bushing Part Number
Example:										Conveyor pulleys use "short" bushings
120 12.0"										XT MXT-STL (Steel)
065 6.5"										X or MXT (Cast Iron)
Face Width In inches										SF, E, F, JS,... QD Bushing
										K TB Bushing
										H M-HE



Free
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Martin Heavy-Duty
Conveyor Pulley Catalog

Scan to download



AMS-KSEIndonesia Corp



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