

Wing Pulleys

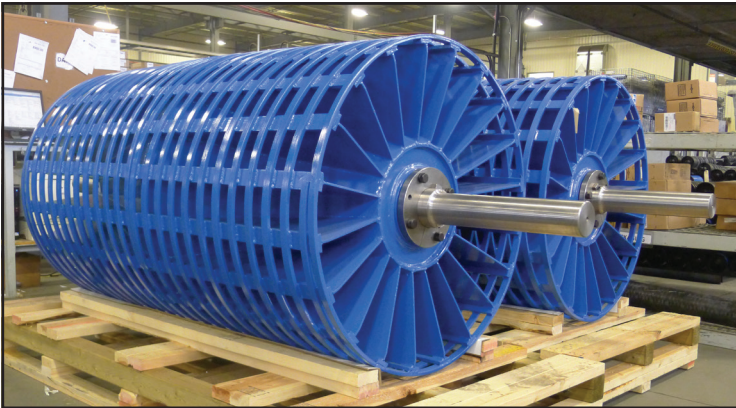


Standard Duty Wing Pulleys

- » Ideal for light to medium-duty conveyor systems.
- » Breaking surface contact with the belt creates vibration, helping to clean off sticking material.
- » Deflectors are used to discharge debris to the sides of the conveyor.
- » Sizes 16" diameter and above include a reinforcing ring for added strength.

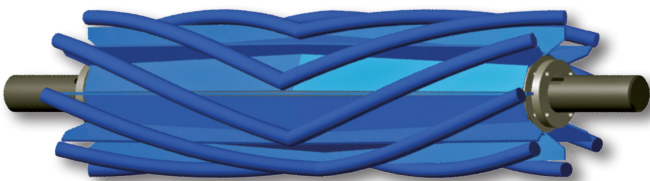
Mine Duty Wing Pulleys

- » Designed for heavy-duty applications in demanding environments.
- » All sizes come with a reinforcing ring as standard.
- » Built to withstand higher loads and aggressive conditions.



Spiral Wing Pulleys

- » Helically wrapped from the center to discharge material effectively.
- » Spiral wrap stays in constant contact with the belt, eliminating noise and vibration.
- » Offers continuous cleaning action without interrupting belt contact.
- » Available with High Abrasion Contact Bars and Spiral Wrap for enhanced durability.
- » Operates at speeds over 450 feet per minute (fpm).
- » Standard wrap options: 3/16" x 1" or 3/8" x 1".

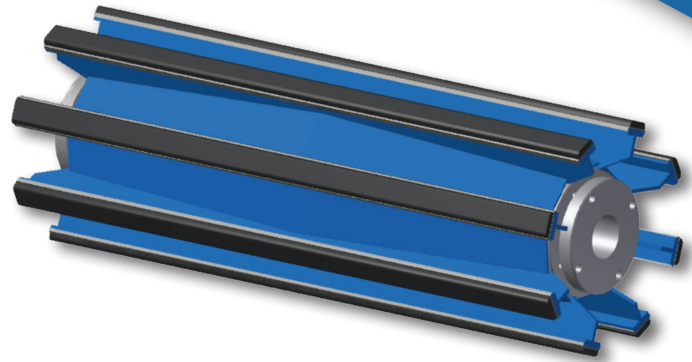


Luff's Helix Design Advantage

- » Ensures stronger pulley construction.
- » Maintains consistent belt contact for smoother performance.
- » Reduces vibration, belt wear, and operational noise.

LAGGING

- » A blend of natural and SBR chemically molded to a 12-gauge formed steel channel.
- » Engineered for maximum traction in both directions, allowing Luff Wing Lagging to be utilized on reversing belts also.



WING PULLEY LAGGING - NUMBER OF 32" STRIPS REQUIRED FOR SELECTING FACE WIDTHS AND DIAMETERS

No. Of Fins	Flat Bar Size	Dia.	Number of Strips for Selected Face & Diameter													
			12	14	16	18	20	22	26	32	38	44	51	57	63	72
8	1.5"	6	4	4	4	5	5	6	7	8	10	11	14	16	16	18
8	1.5"	8	4	4	4	5	5	6	7	8	10	11	14	16	16	18
8	1.5"	10	4	4	4	5	5	6	7	8	10	11	14	16	16	18
8	1.5"	12	4	4	4	5	5	6	7	8	10	11	14	16	16	18
10	1.5"	14	4	5	5	6	7	8	9	10	12	14	16	20	20	23
10	1.5"	16	4	5	5	6	7	8	9	10	12	14	16	20	20	23
12	1.5"	18	5	6	6	7	8	8	11	12	15	17	20	23	24	27
12	2"	20	5	6	6	7	8	8	11	12	15	17	20	23	24	27
14	2"	24	6	7	7	8	10	10	12	14	17	20	24	28	28	32
18	2"	30	7	8	9	11	12	13	15	18	22	25	28	34	34	38
18	2"	36	7	8	9	11	12	13	15	18	22	25	28	34	34	38
20	2"	42	8	9	10	12	13	14	17	20	24	27	32	36	38	43
22	2"	48	9	10	11	13	15	15	18	22	26	30	34	42	42	47

* Mine Duty Wing Pulleys use FB size 2"

- » Reduces belt and pulley wear
- » Can be used on reverse belt conveyors
- » Decreases downtime as the lagging can be replaced without removing the pulley
- » Reduce maintenance costs
- » Helps prevent belt slippage
- » Fits flat and crowned face pulley

Replaceable Lagged Contact Bars Available

