

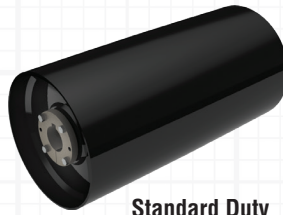


Heavy-Duty Conveyor Pulley Nomenclature

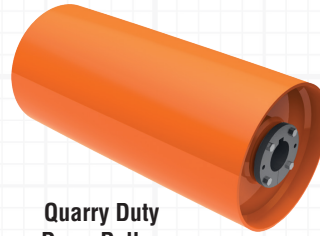
Heavy-Duty Conveyor Pulley Nomenclature



Martin Elite Series®
Drum Pulley



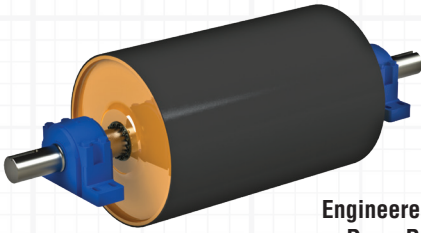
Standard Duty
Drum Pulley



Quarry Duty
Drum Pulley



Mine Duty
Drum Pulley



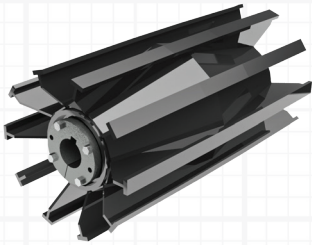
Engineered Class
Drum Pulley



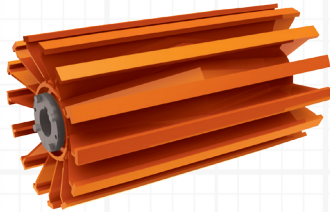
Machined
Drum Pulley



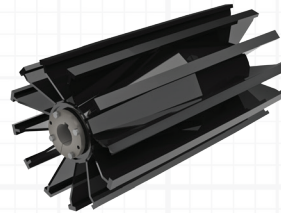
Clean Flight®
Wing Pulley



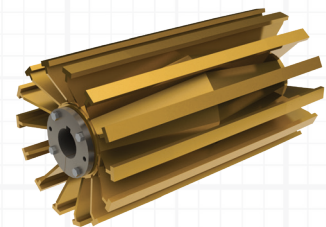
Standard Duty
Wing Pulley



Quarry Duty
Wing Pulley



Mine Duty
Wing Pulley



Quarry Duty AR
Wing Pulley

Face

- C Crown
- F Flat

C S D 120 26 X25 L 3 H

Lagging Style

- If no letter, lagging is smooth
- H Herringbone
- D Diamond Groove
- C Ceramic
- No thickness specified
- S Slide Lagging
- R Radial/Circumferential
- P Parallel (with shaft)

Pulley Type

- MES *Martin* Elite Series
- S Standard
- M Mine Duty
- Q Quarry Duty
- QAR Quarry Duty AR
- E Engineered Class

Pulley Style

- Leave blank for *Martin* Elite Series
- D Drum
- W Wing
- CF Clean Flight®

Diameter

3 digit for most pulleys, 2 digits for *Martin* Elite Series.
Example:
120 12.0"
065 6.5"

Face Width

In Inches

Lagging Thickness

2 1/4"	4 1/2"	6 3/4"
3 3/8"	5 5/8"	

Lagging

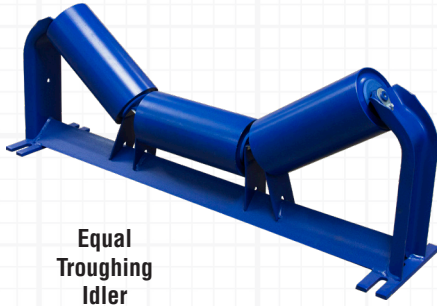
No suffix, no lagging

Bushing Part Number

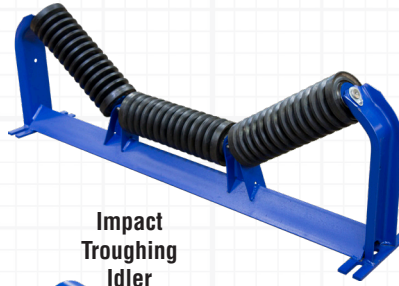
- Conveyor pulleys SHOULD use SHORT QD bushings and *Martin* Elite Series will handle any MXT bushing
- X25, X30,... MXT Bushing
- SF, E, F, JS,... QD Bushing
- K20, K25,... TB Bushing
- H25, H30,... M-HE Bushing

Martin

Idler Nomenclature



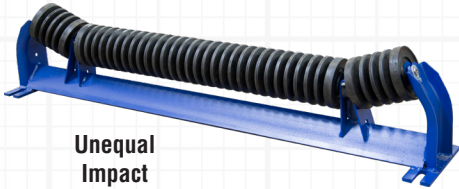
**Equal
Troughing
Idler**



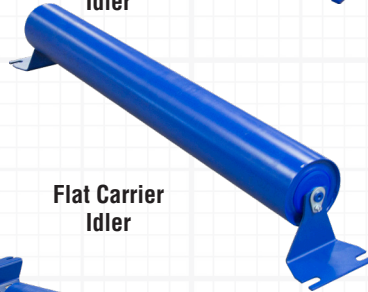
**Impact
Troughing
Idler**



**Self-Aligning
Idler**



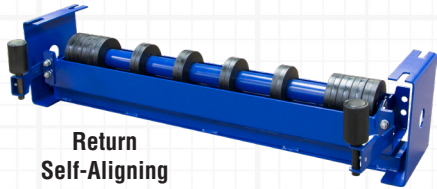
**Unequal
Impact
Troughing Idler**



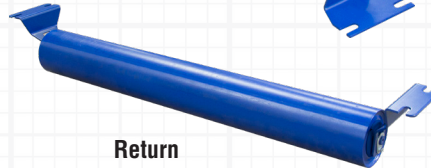
**Flat Carrier
Idler**



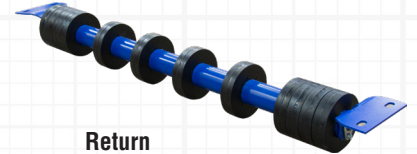
**Channel Inset
Troughing Idler**



**Return
Self-Aligning
Idler**



**Return
Steel
Idler**



**Return
Rubber Disc
Idler**

CEMA Class

C, D, E

C 5 - 10 V 4 G - 36 - 09

Wall Thickness Gauge

(Only Steel Rolls) 09, 07, 04

Roll Diameter

4, 5, 6

Angle (Not for Return & Flat Idlers)

10° V-Return

15° Inverted V-Return

20°, 35°, 45° Trougher

Belt Width

C 18" to 60"

D 24" to 72"

E 36" to 96"

Special Construction

G Galvanized Frame

T Urethane Cover Rolls

R Removable End Bracket

W Wide Base

Q Scale Quality

C Catenary

Idler Type

Carry Side

- T Trougher Equal
- TI Trougher Equal Impact
- TSA Trougher Equal Self-Aligning
- TSS Trougher Equal Self-Aligning Shoe Type
- TO Offset Trougher
- TIO Offset Impact Trougher
- TT Transitional/Adjustable Trougher
- U Trougher Unequal
- UI Trougher Unequal Impact
- CT Channel Inset Trougher
- CTI Channel Inset Trougher Impact
- F Flat Carrier**
- FRD Flat Rubber Disc Carrier**
- FSA Flat Carrier Self-Aligning
- FRDSA Flat Carrier Rubber Disc Self-Aligning

Return Side

- R Return**
- RRD Return Rubber Disc**
- RSA Return Self-Aligning Trougher*
- RSS Return Self-Aligning Trougher Shoe Type*
- RRDSA Return Rubber Disc Self-Aligning Trougher*
- CR Channel Inset Return
- CRRD Channel Inset Return Rubber Disc
- V V-Return*
- VRD V-Return Rubber Disc*
- IV Inverted V-Return
- IVRD Inverted V-Return Rubber Disc
- LI Live Shaft Impact
- LRRD Live Shaft Return Rubber Disc
- LR Live Shaft Return (Steel)

***Frame Rise/Drop for V, VRD, RSA, RRDSA**

- 1 1.5" Standard
- 4 4.5" Standard
- 1S 1.5" Belt Saver
- 4S 4.5" Belt Saver
- 7S 7" Belt Saver

****Bracket Rise/Drop for R, RRD, F, FRD**

Add the end of part number, examples:

C 5 - R - 36 - 09 - 4S

C 5 - FRD - 36 - 1