

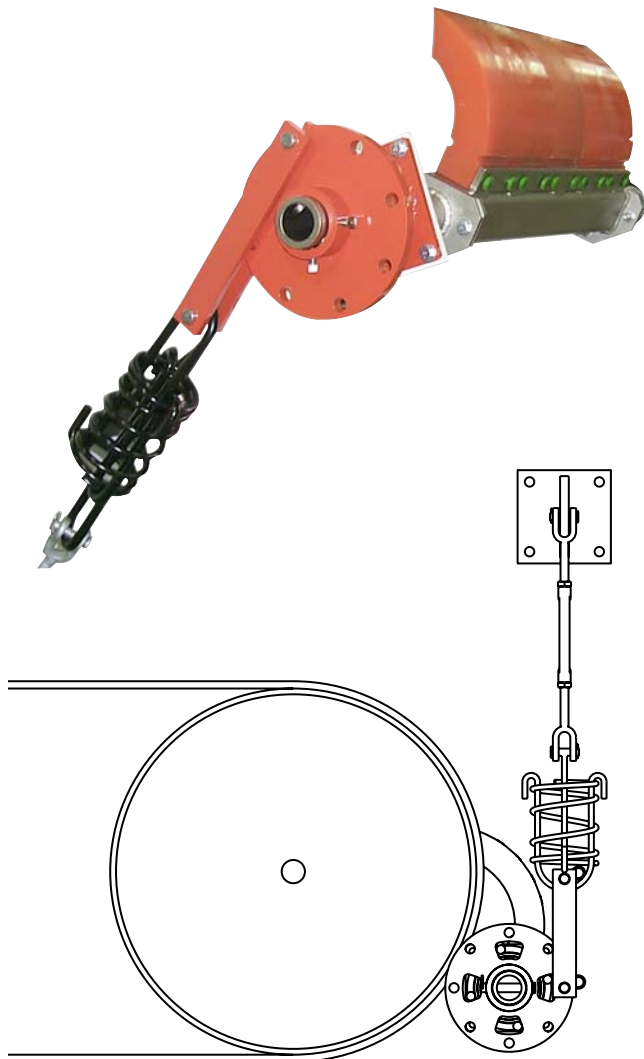


Form No. L3550-9/06

TECHNICAL DATA

MARTIN® ZHD Belt Cleaning System

To upgrade cleaning performance on high-volume belt conveyors, Martin Engineering has developed the [ZHD Belt Cleaning System](#). MARTIN® ZHD Belt Cleaners use advanced engineering and superior understanding of material performance to provide effective belt cleaning and compensate for severe-duty conditions and abrasive wear.



Shown with MARTIN® Spring Link Tensioner (Standard)

Benefits

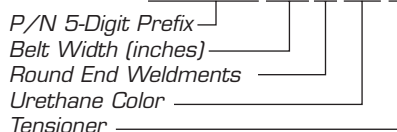
Installed on the face of the head pulley, the MARTIN® ZHD Pre-Cleaner flexes under tension to provide effective cleaning and overcome uneven blade wear.

- **Consistent Pressure Means Effective Cleaning**
Narrow blade segments individually flex against the belt for steady blade-to-belt pressure and high-performance cleaning.
- **“Secret Springs” Compensate for Uneven Wear**
Springs molded inside each blade maintain cleaning pressure – even on mid-belt blades facing the greatest wear.
- **No Adjustment Required**
With a spring matched to belt width, the MARTIN® Spring Link Tensioner provides consistent cleaning without extra adjustments over the life of the blade.
- **Long-Life Urethane Reduces Blade Wear**
Martin Engineering’s exclusive MARTIN® MAXIMIZER™ Urethane provides extended service.
- **Fast and Easy “Hammer” Maintenance**
Each blade is secured with nylon locking pins. To replace worn blades, pound out the old pins, replace the blade, and hammer in new pins.

Nomenclature

URETHANE COLOR		TENSIONER
BR for Brown	GR for Green	L for Spring Link Tensioner
NB for Navy Blue	CL for Clear	S for Spring Tensioner
Blank for Orange		

P/N: **XXXXX-XXRXXX**

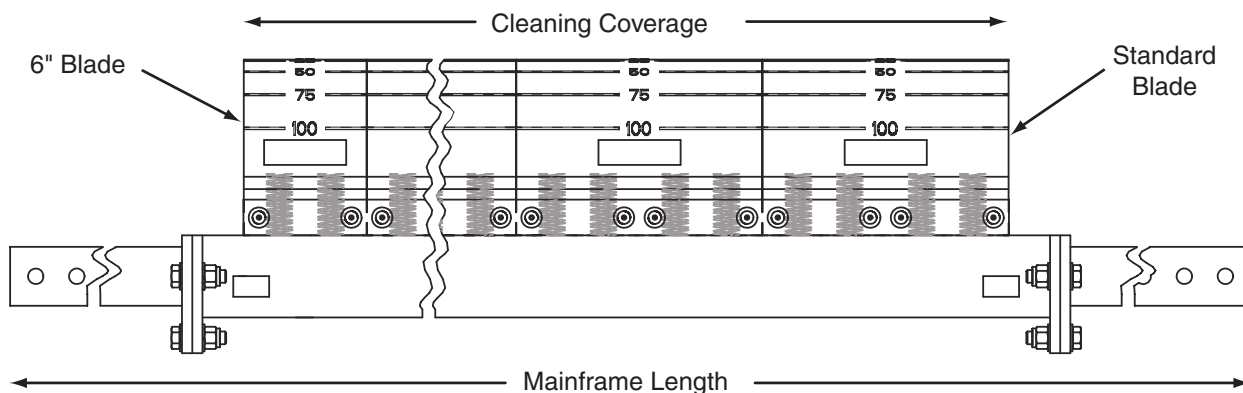


Technical Data

Belt Width <i>in. (mm)</i>	Cleaning Coverage <i>in. (mm)</i>	Mainframe Length <i>in. (mm)</i>	MARTIN® ZHD Assembly <i>Standard and 6 in. (154 mm) Blades</i>			Shipping Weight <i>lb (kg)</i>
			P/N	No. of Standard Blades	No. of 6 in. Blades	
24 (500-650)	18 (457)	62.5 (1588)	36287-24XXXXX	1	1	120 (54)
30 (650-800)	24 (610)	68.5 (1740)	36287-30XXXXX	2	0	140 (64)
36 (800-1000)	30 (762)	74.5 (1892)	36287-36XXXXX	2	1	161 (73)
42 (1000-1200)	36 (914)	80.5 (2045)	36287-42XXXXX	3	0	181 (82)
48 (1200-1400)	42 (1067)	86.5 (2197)	36287-48XXXXX	3	1	202 (92)
54 (1400-1600)	48 (1219)	92.5 (2350)	36287-54XXXXX	4	0	222 (101)
60 (1600-1800)	54 (1372)	98.5 (2502)	36287-60XXXXX	4	1	242 (110)
72 (1800-2000)	66 (1676)	110.5 (2807)	36287-72XXXXX	5	1	283 (128)
84 (2000-2200)	78 (1981)	122.5 (3112)	36287-84XXXXX	6	1	324 (147)
96 (2200-2400)	90 (2286)	134.5 (3416)	36287-96XXXXX	7	1	365 (166)

Notes: Metric belt widths are given as standard industry belt sizes rather than conversions. All dimensions are given in inches (mm). All dimensions are for reference only. The first XX indicates belt width. The next X indicates an R for round end weldment. The last XX indicates blade color other than orange.

*On belts with variable wear use all 6" blades.



ZHD Pre-Cleaner Assembly P/N 36287-XXXXX

QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV
ISO 9001:2000

Form No. L3550-9/06
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MARTIN® ZHD Pre-Cleaner is protected by
U.S. Patent Nos. 6,401,911; 4,917,231.



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