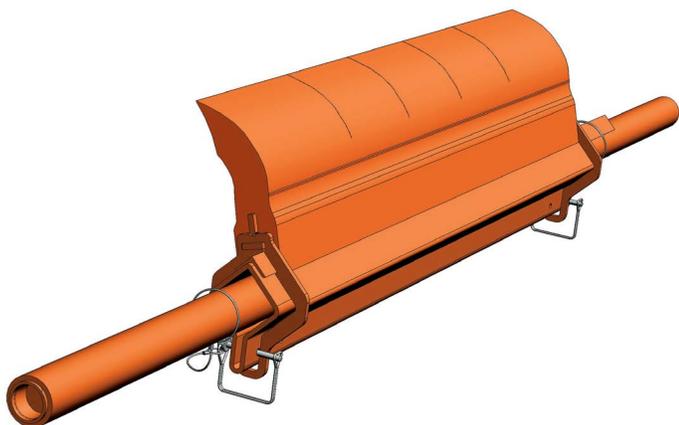


# Martin® QB1 Cleaner HD



The [Martin® QB1 Cleaner HD](#) introduces the next generation of belt cleaning technology.

A truly revolutionary innovation in belt cleaning design, the QB1 Cleaner HD provides the cleanest belt and longest blade life—at the lowest cost.

## FEATURES & BENEFITS

- Same ease of installation as current Martin® QC1™ Cleaners, maintaining standard installation and service costs.
- Utilizes Martin's highly effective, patented CARP profile, ensuring the highest level of cleaning performance expected from a Martin® Belt Cleaner.
- Utilizes Martin's innovative EVO® design principles to reduce component surface exposure to material flow, minimizing material build-up and the resulting clean-up costs, production interruptions and safety concerns.

## SPECIFICATIONS

Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter** in. (mm)	Mounting Location in. (mm)	Wear Life* in. (mm)	Wear Volume (per inch of blade) in <sup>3</sup> (cm <sup>3</sup> )
900 (4.6)	160°F (70°C) Continuous 180°F (82°C) Intermittent	16–22 (406–559)	3.5 (89)	4.5 (114)	6.53 (107)

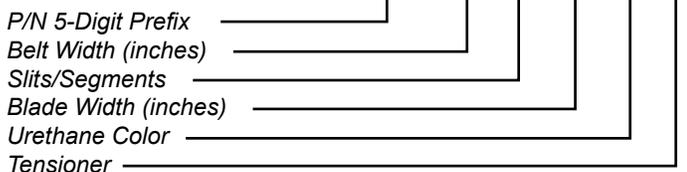
\* Amount of usable blade

\*\* Pulley diameter 23 in. (584 mm) and greater: contact your Martin Engineering representative.

High-performance urethanes are available; see your Martin Engineering representative for assistance in specifying non-standard products. Refer to Form No. L3375.

## NOMENCLATURE

39346 - XX 1X XX XX X



## SLITS/SEGMENTS

- 11: No slits or segments
- 10: Segments only

## TENSIONER

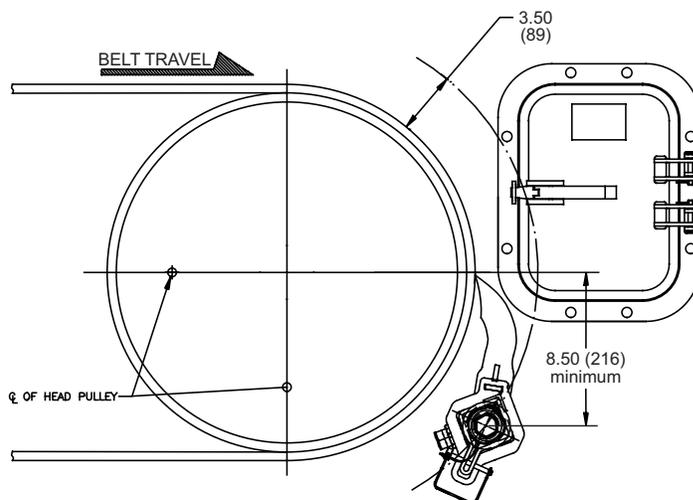
- T: Martin® Twist Tensioner
- S: Martin® Spring Tensioner

## URETHANE COLOR

- BR: Brown
- NB: Navy Blue
- GR: Green
- CL: Tan
- Blank: Orange

Use segmented blade on crowned head pulley.

## MOUNTING LOCATION



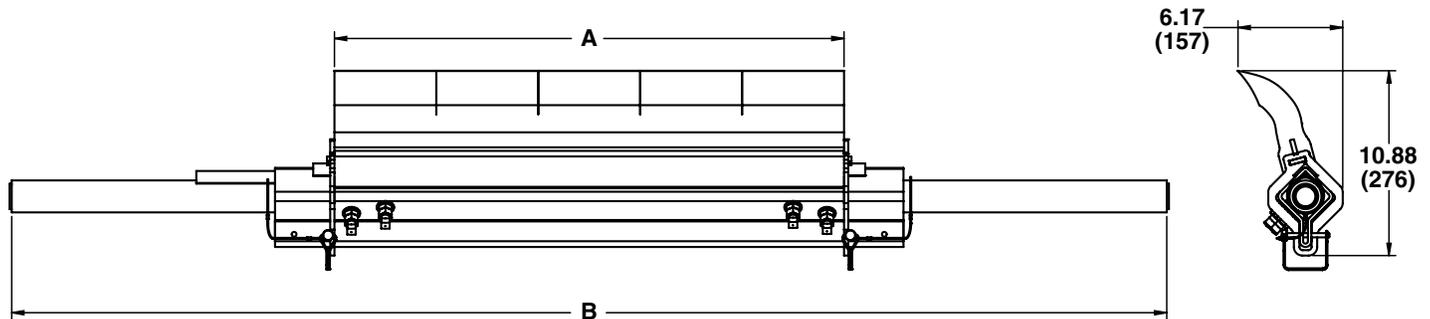
# TECHNICAL DATA SHEET

## DIMENSIONS -- in. (mm)

\* Tensioner not included

Belt Width in. (mm)	Mainframe Length (B) in. (mm)	Belt Coverage (A) Belt Width Less 6" in. (mm)	Shipping Weight* lb. (kg)	Belt Coverage (A) Belt Width Less 2" in. (mm)	Shipping Weight* lb. (kg)
18 (400-500)	44 (1118)	12 (305)	40 (18)	16 (406)	43 (20)
24 (500-650)	50 (1270)	18 (457)	51 (23)	22 (559)	53 (24)
30 (650-800)	62 (1575)	24 (610)	63 (29)	28 (711)	66 (30)
36 (800-1000)	68 (1727)	30 (762)	71 (32)	34 (864)	73 (33)
42 (1000-1200)	74 (1880)	36 (914)	78 (35)	40 (1016)	81 (37)
48 (1200-1400)	80 (2032)	42 (1067)	86 (39)	46 (1168)	89 (40)
54 (1400-1600)	86 (2184)	48 (1219)	94 (43)	52 (1321)	96 (44)
60 (1600-1700)	98 (2489)	54 (1372)	106 (48)	58 (1473)	109 (49)
66 (1700-1800)	104 (2642)	60 (1524)	114 (52)	64 (1626)	116 (53)
72 (1800-2000)	110 (2794)	66 (1676)	121 (55)	70 (1778)	124 (56)
84 (2000-2200)	123 (3124)	78 (1981)	114 (52)	82 (2083)	116 (53)
96 (2200-2400)	135 (3429)	90 (2286)	135 (61)	94 (2388)	137 (62)

Note: Dual Tensioners are required for belt widths 54 in. (1400 mm) and greater.



## RECOMMENDED TENSIONERS & REPLACEMENT BLADES

Tensioner	P/N
Martin® Twist Tensioner	38850
Martin® Spring Tensioner	38180

Replacement Blade P/N
39344-XX1XXXXXX

## ACCESSORIES

Part	P/N
Martin® Steel Inspection Door	CYA-1218
Martin® Hanger Mount Standard Assembly	27382

## FREQUENTLY ASKED QUESTIONS

My Pre-Cleaner keeps flipping through.

*The mounting location may be too far away from the belt. Relocate to the proper dimension. Replace the mainframe or end weldments if they are bent.*

My Pre-Cleaner is wearing more in the center of the blade.

*The blade is too wide for this application. Replace with a shorter length blade.*



### Martin Engineering USA

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**COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV  
= ISO 9001:2008 =**

**Problem Solved™ GUARANTEED!**

Form No. L4021-01/15  
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