

# Martin® QC1+™ Cleaner HD One-Piece Mainframe



The [Martin® QC1+™ Cleaner HD](#) introduces the next generation of belt cleaning technology.

A truly revolutionary innovation in belt cleaning design, the QC1+™ Cleaner HD provides the cleanest belt and longest blade life— at the lowest cost.

### FEATURES & BENEFITS

- Same ease of installation as original 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.

### SPECIFICATIONS

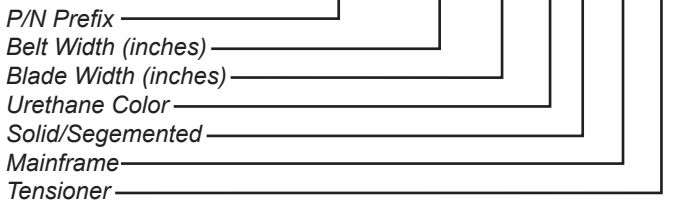
Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter** in. (mm)	Mounting Location in. (mm)	Wear Life* in. (mm)	Wear Volume (per inch of blade) in <sup>3</sup> (cm <sup>3</sup> )
900 (4.6)	160°F (70°C) Continuous 180°F (82°C) Intermittent	16–22 (406–559)	3.5 (89)	4.5 (114)	6.53 (107)

\* 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 C1QCH1 SXX SX X X X X



#### BELT WIDTH

- 00:** No Blade
- SXX:** XX indicates belt width in inches (18 thru 96)

#### BLADE WIDTH

- 00:** No Blade
- S2:** 2 Inches less Belt Width
- S6:** 6 Inches less Belt Width

#### URETHANE COLOR

- 0:** No Blade
- B:** Brown
- T:** Tan
- G:** Green
- N:** Navy Blue
- O:** Orange
- C:** Yellow with Ceramic Beads

#### SOLID/SEGMENTED

- 0:** No Blade
- 2:** Segmented with slots
- 3:** Solid with slots

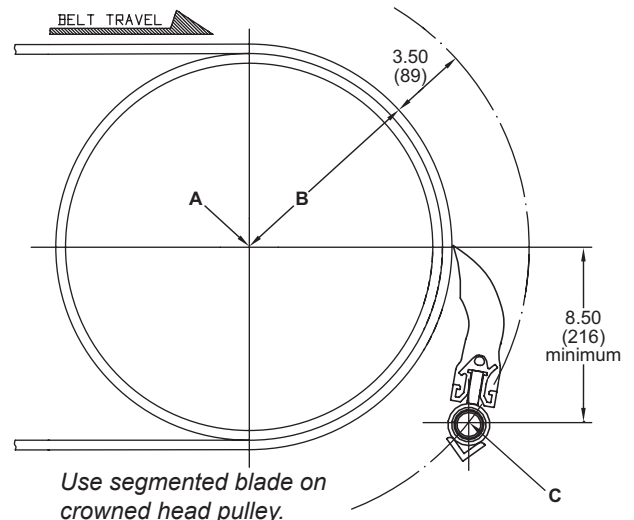
#### MAINFRAME

- P:** Painted Steel with Aluminum Blade Insert
- T:** Painted Steel with Steel Blade Insert

#### TENSIONER

- O:** Martin® Twist Tensioner (P/N 31443)
- T:** Martin® Twist Tensioner (P/N 38850)
- S:** Martin® Spring Tensioner (P/N 38180)

### MOUNTING LOCATION



# TECHNICAL DATA SHEET

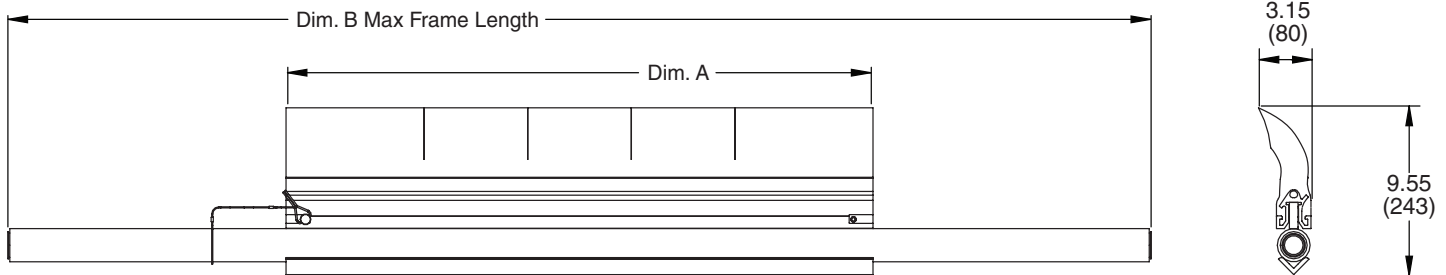
## DIMENSIONS -- in. (mm)

Belt Width in. (mm)	Mainframe Length (B) in. (mm)
18 (400-500)	34 (864)
24 (500-650)	46 (1168)
30 (650-800)	52 (1321)
36 (800-1000)	60 (1524)
42 (1000-1200)	72 (1829)
48 (1200-1400)	78 (1981)
54 (1400-1600)	84 (2134)

Belt Width in. (mm)	Mainframe Length (B) in. (mm)
60 (1600-1700)	90 (2286)
66 (1700-1800)	96 (2438)
72 (1800-2000)	102 (2591)
78 (1800-2000)	108 (2743)
84 (2000-2100)	114 (2896)
90 (2100-2200)	120 (3048)
96 (2200-2400)	126 (3200)

Note: Dimension A equals belt width minus 2 inches.

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



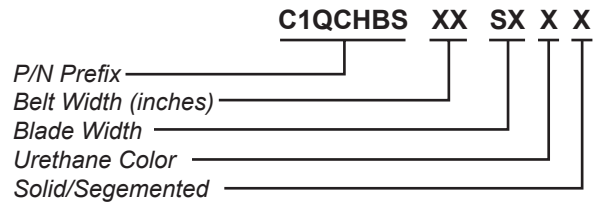
## RECOMMENDED TENSIONERS

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

## ACCESSORIES

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

## REPLACEMENT BLADE NOMENCLATURE



### BELT WIDTH

**SXX:** XX indicates belt width in inches (18 thru 96)

**SA8:** 108 Inches

### URETHANE COLOR

**B:** Brown

**T:** Tan

**G:** Green

**N:** Navy Blue

**O:** Orange

**C:** Yellow with Ceramic Beads

### BLADE WIDTH

**S2:** 2 Inches less Belt Width

**S4:** 4 Inches less Belt Width\*

**S6:** 6 Inches less Belt Width\*

**S8:** 8 Inches less Belt Width\*

\*Blade Clamp Kit Required

### SOLID/SEGMENTED

**0:** Segmented without Slots

**1:** Solid without Slots

**2:** Segmented with Slots

**3:** Solid with Slots

**4:** Segmented without Slots & with Blade Clamp Kit

**5:** Solid without Slots & with Blade Clamp Kit

## 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.*



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**Problem Solved™ GUARANTEED!**

Form No. L4151-01/21

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