

# Martin® QC1+™ Cleaner PV with Three-Piece Mainframe



The **Martin® QC1+™ Cleaner PV** introduces the next generation of belt cleaning technology.

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

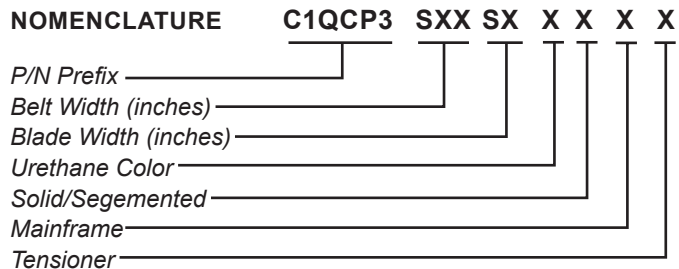
## SPECIFICATIONS

Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter in. (mm)	Mounting Location in. (mm)
500 (2.54)	160°F (70°C) Continuous 180°F (82°C) Intermittent	12–16 (300–400)	2.75 (70)

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

## 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.



**BELT WIDTH**  
**SXX:** XX indicates belt width in inches (18 thru 72)

**BLADE WIDTH**  
**00:** No Blade  
**S4:** 4 Inches less Belt Width  
**S6:** 6 Inches less Belt Width  
**S8:** 8 Inches less Belt Width

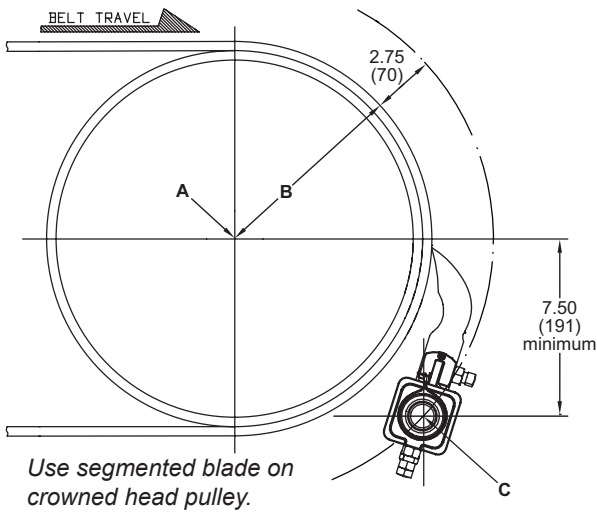
**SOLID/SEGMENTED**  
**0:** Segmented Blade/No Blade  
**1:** Solid Blade

**MAINFRAME**  
**E:** Painted Steel with Extended Torque Tubes and Aluminum Blade Insert  
**F:** Stainless Steel with Steel Blade Insert  
**P:** Painted Steel with Aluminum Blade Insert  
**T:** Painted Steel with Steel Blade Insert  
**Z:** Stainless Steel with Extended Torque Tubes and Steel Blade Insert

**URETHANE COLOR**  
**0:** No Blade  
**B:** Brown  
**T:** Tan  
**G:** Green  
**N:** Navy Blue  
**O:** Orange

**TENSIONER**  
**Blank:** No Tensioner  
**T:** Martin® Twist Tensioner (P/N 38850)  
**O:** Martin® Twist Tensioner (P/N 31443)  
**F:** Martin® Twist Tensioner Stainless Steel (P/N 31443-SS)  
**S:** Martin® Spring Tensioner (P/N 38180)  
**P:** Martin® Spring Tensioner Stainless Steel (P/N 38180-SS)  
**C:** Martin® Cable Spring Tensioner (P/N 37944)  
**M:** Martin® Cable Spring Tensioner with mount plate (available for belt widths up to 48")

## MOUNTING LOCATION



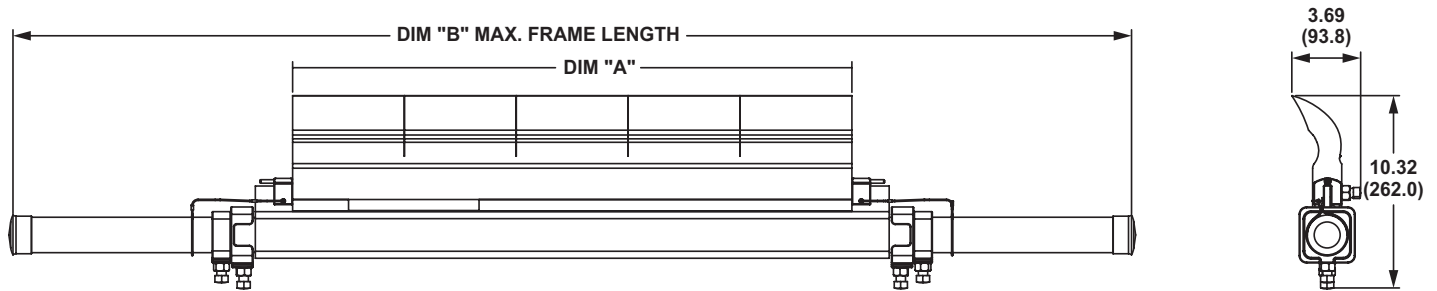
# TECHNICAL DATA SHEET

## 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)

Belt Width in. (mm)	Mainframe Length (B) in. (mm)
48 (1200-1400)	78 (1981)
54 (1400-1600)	84 (2134)
60 (1600-1700)	90 (2286)
66 (1700-1800)	96 (2438)
72 (1800-2000)	102 (2591)

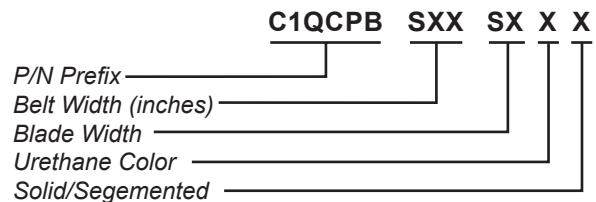
Note: Dimension A equals belt width minus either 4, 6, or 8 inches.  
Dual Tensioners are required for belt widths 54 in. (1400 mm) and greater.



## ACCESSORIES

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

## REPLACEMENT BLADE NOMENCLATURE



## 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.*

### BELT WIDTH

**SXX:** XX indicates belt width in inches (18 thru 72)

### URETHANE COLOR

**B:** Brown  
**T:** Tan  
**G:** Green  
**N:** Navy Blue  
**O:** Orange

### BLADE WIDTH

**S4:** 4 Inches less Belt Width  
**S6:** 6 Inches less Belt Width  
**S8:** 8 Inches less Belt Width

### 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



**Martin Engineering USA**  
 One Martin Place  
 Neponset, IL 61345-9766 USA  
 800 544 2947 or 309 852 2384  
 Fax 800 814 1553  
 www.martin-eng.com

**COMPANY WITH  
 QUALITY SYSTEM  
 CERTIFIED BY DNV GL  
 = ISO 9001 =**