

Martin® QC1+™ Cleaner PV with One-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

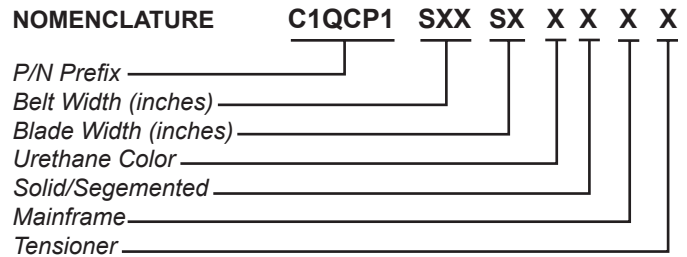
Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter in. (mm)	Mounting Location in. (mm)
500 (2.54)	160°F (70°C) Continuous 180°F (82°C) Intermittent	12–16 (300–400)	2.75 (70)

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

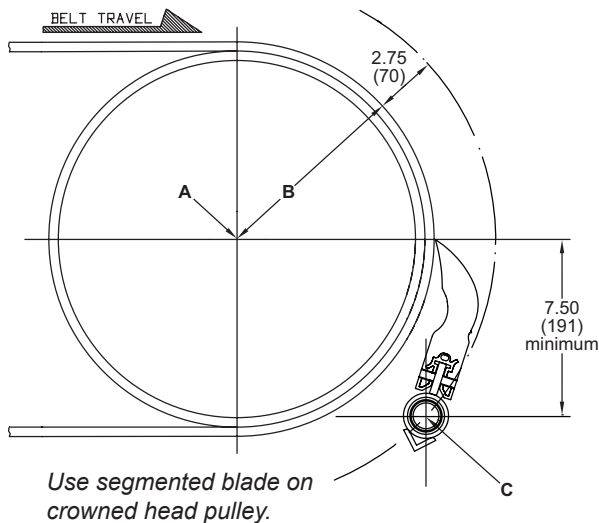
FEATURES & BENEFITS

- 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.

NOMENCLATURE



MOUNTING LOCATION



BELT WIDTH

- 000:** No Blade
- SXX:** XX indicates belt width in inches (18 thru 72)

BLADE WIDTH

- 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

SOLID/SEGMENTED

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

MAINFRAME

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

TENSIONER

- Blank:** No Tensioner
- 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")

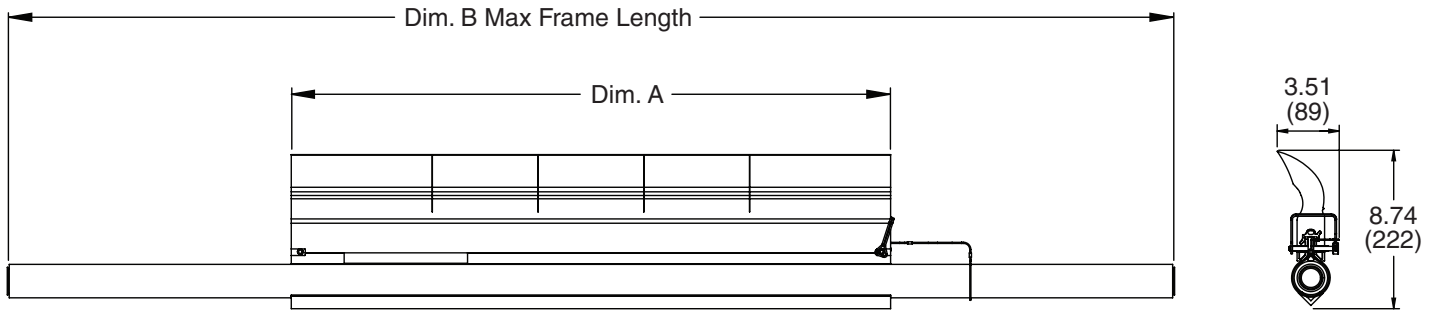
TECHNICAL DATA SHEET

DIMENSIONS -- in. (mm)

Belt Width in. (mm)	Mainframe Length (B) in. (mm)
18 (400-500)	48 (1219)
24 (500-650)	54 (1372)
30 (650-800)	60 (1524)
36 (800-1000)	66 (1676)
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)

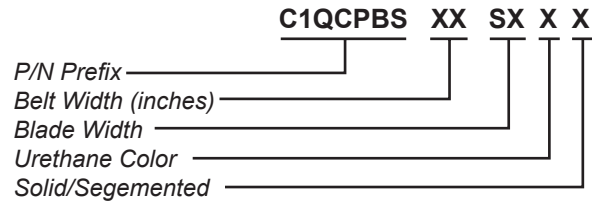
Note: Dimension A equals belt width minus either 2 or 6 inches.
Dual Tensioners are required for belt widths 54 in. (1400 mm) and greater.



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

- 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



Martin Engineering Australia Pty Ltd.
102 Christensen Road South
Stapylton QLD 4207 - Australia
+61 1300 627 364
salesau@martin-eng.com | www.martin-eng.com.au

