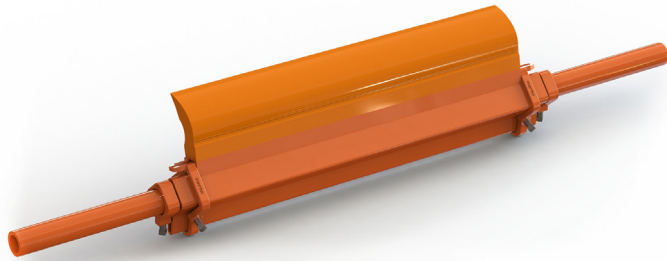


Martin® PV QB1™ Cleaner



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

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

FEATURES & BENEFITS

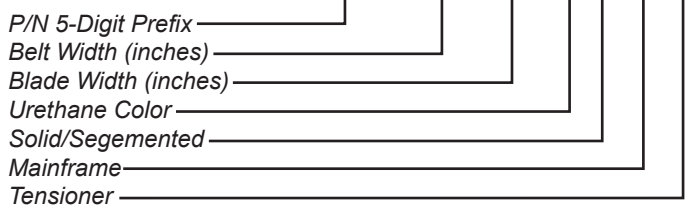
- Same ease of installation as current Martin® QC1™ Cleaners, maintaining standard installation and service costs.
- Utilizes Martin’s highly effective, patented CARP profile, ensuring the highest level of cleaning performance expected from a Martin® Belt Cleaner.
- Utilizes Martin’s innovative design 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)
500 (2.54)	150°F (66°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.

NOMENCLATURE



BLADE LENGTH

- 000: No Blade
- SA0: 100 Inches
- SA2: 102 Inches
- SA4: 104 Inches
- SA8: 108 Inches

SOLID/SEGMENTED

- 0: Segmented Blade / No Blade
- 1: Solid Blade

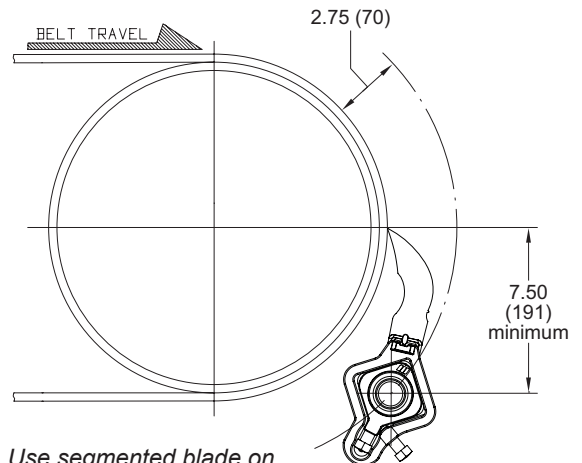
URETHANE COLOR

- 0: No Blade
- B: Brown
- T: Tan
- G: Green
- N: Navy Blue
- O: Orange

TENSIONER

- O: Martin® Twist Tensioner (square)
- T: Martin® Twist Tensioner (round)
- S: Martin® Spring Tensioner
- C: Martin® Spring Cable Tensioner
- M: Martin® Spring Cable Tensioner with mounting kit

MOUNTING LOCATION



Use segmented blade on crowned head pulley.

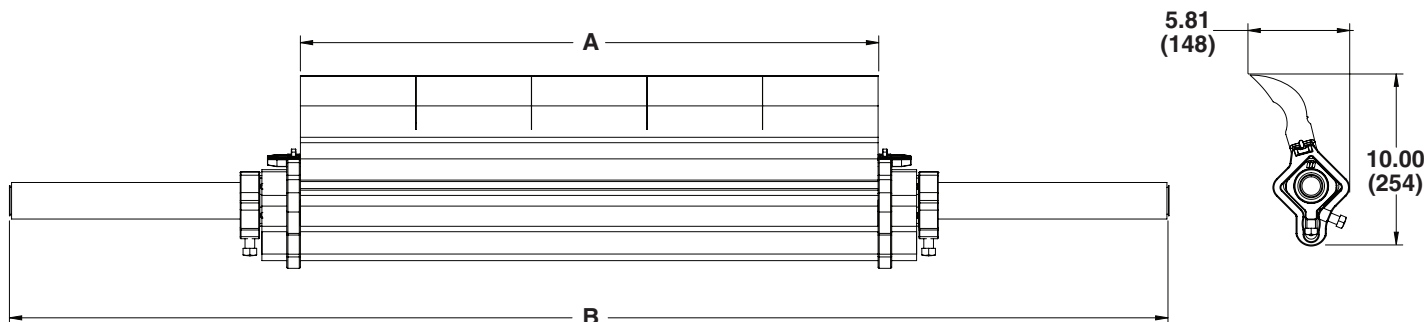
TECHNICAL DATA SHEET

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)
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.



RECOMMENDED TENSIONERS & REPLACEMENT BLADES

Tensioner	P/N
Martin® Twist Tensioner–Square	31443
Martin® Twist Tensioner–Round	38850
Martin® Spring Tensioner	38180
Martin® Spring Cable Tensioner	37944

Replacement Blade P/N
C1QPBSXXXX

ACCESSORIES

Part	P/N
Martin® Steel Inspection Door	CYA-0912
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

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
= ISO 9001:2008 =**

Problem Solved™ GUARANTEED!

Form No. L4104-01/19

© Martin Engineering Company 2018, 2019