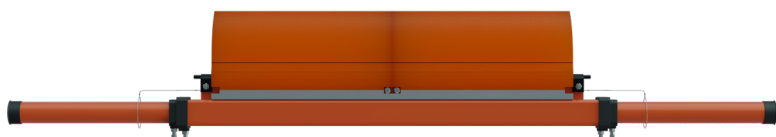


Martin® QC1+™ Cleaner XHD Dual Blade Assembly with Three-Piece Mainframe



The [Martin® QC1+™ Cleaner XHD Dual](#) tackles the tough jobs. Designed for rugged conditions, this sturdy cleaner allows for quick and easy blade change, making replacement of a worn blade a simple procedure.

The Martin® QC1+™ Cleaner XHD Dual includes a Spring Tensioner to maintain proper cleaning pressure while minimizing the need for adjustment.

Dual tensioners are supplied with cleaners for belts 48 in. (1219 mm) wide or wider.

NOTES

Martin® QC1+™ Cleaners XHD Dual are available for belts up to 126 in. (3200 mm) wide.

Normal blade length is belt width less 6 in. (150 mm). For belts with a 45° trough or where material is centered on belt, customer should consider a blade that is belt width less 12 in. (300 mm). This is because belt edges may not require cleaning, and blade-to-belt friction in these areas may lead to premature wear of cleaner and/or belt.

FREQUENTLY ASKED QUESTIONS

My Pre-Cleaner keeps flipping through. What is wrong?
The mounting location may be too far away from the belt. Relocate to the proper mounting location. Replace the mainframe or end weldments if they are bent. Check set screws to determine if they are tight. Retighten if necessary.

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.

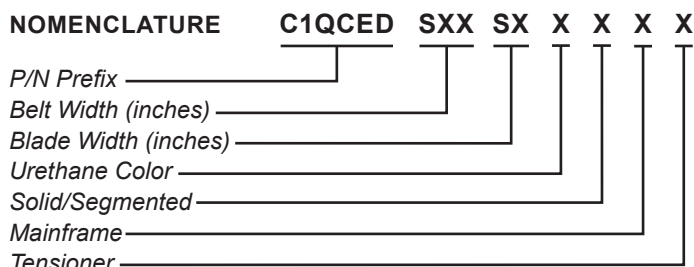
BENEFITS

- **Fast Blade Change Cuts Service Expense**
Blade holders—2x stronger and more reliable than securing blades with pins—makes blade replacement a fast and easy operation.
- **Matched Tensioner Maintains Consistent Cleaning**
Martin® QC1+™ Cleaner XHD and Spring Tensioner are system-engineered to preserve the cleaning edge from high belt speeds and multiple splices.
- **Curved Blade Provides Consistent Cleaning**
Patented “CARP” (Constant Angle Radial Pressure) design maintains cleaning performance through all stages of blade life.
- **Rugged Construction Suits Tough Conditions**
Mainframe of rugged 3/8-in. (9.5-mm) thick DOM steel tubing has steel bar backbone. Aluminum extrusion in blade base holds cleaner snugly to backbone.
- **Blade Materials Match Application**
Martin Engineering’s urethane expertise provides blades to suit standard, high-temperature, or high-abrasion conditions.
- **The Most Cleaner, the Least Investment**
Economical pre-cleaner and tensioner system combines effective cleaning, durable life, and low-maintenance requirements.

ACCESSORIES

PART	P/N
Martin® Steel Inspection Door	CYA-1818
Martin® Hanger Mount XHD Assembly	27382-SL

TECHNICAL DATA SHEET



BELT WIDTH

SXX: XX indicates belt width in inches (54 thru 126)

BLADE WIDTH

00: No Blade

S6: 6 Inches less Belt Width

SC: 12 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

F: Stainless Steel with

Steel Blade Insert

P: Painted Steel with

Aluminum Blade Insert

TENSIONER

Blank: No Tensioner

S: Martin® Spring Tensioner

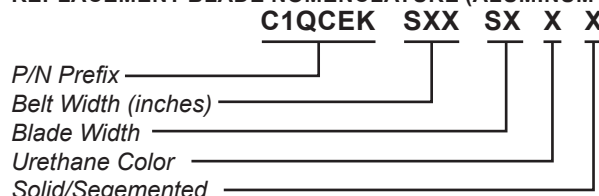
(P/N 38003 or 38003-2)

P: Martin® Stainless Steel

Spring Tensioner

(P/N 38003-C or 38003-2-C)

REPLACEMENT BLADE NOMENCLATURE (ALUMINUM INSERT)



BELT WIDTH

SXX: XX indicates belt width in inches (54 thru 126)

BLADE WIDTH

S6: 6 Inches less Belt Width

SC: 12 Inches less Belt Width

URETHANE COLOR

B: Brown

T: Tan

G: Green

N: Navy Blue

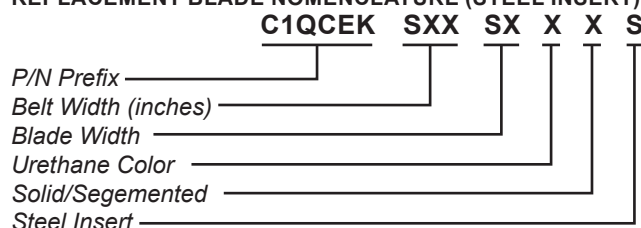
O: Orange

SOLID/SEGMENTED

2: Segmented with Slots

3: Solid with Slots

REPLACEMENT BLADE NOMENCLATURE (STEEL INSERT)



BELT WIDTH

SXX: XX indicates belt width in inches (54 thru 126)

BLADE WIDTH

S6: 6 Inches less Belt Width

SC: 12 Inches less Belt Width

URETHANE COLOR

B: Brown

T: Tan

G: Green

N: Navy Blue

O: Orange

SOLID/SEGMENTED

2: Segmented with Slots

3: Solid with Slots

INSTALLATION AND MOUNTING

Installation Recommendations:

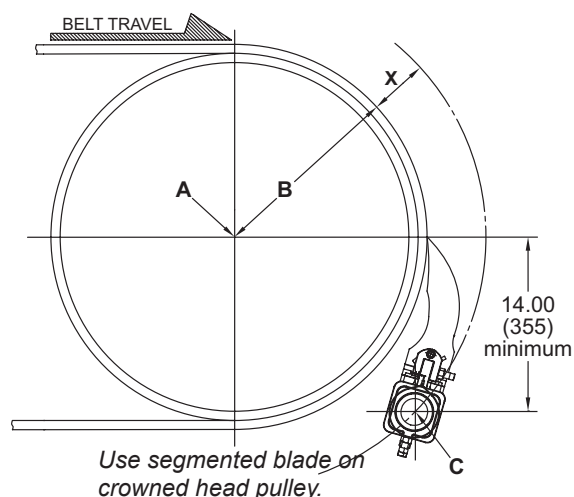
Head Pulley Diameter	24 in. – 30 in. (609.6 – 762 mm)
Maximum Belt Speed	1200 fpm (6 m/s)

Mounting Location:

Head Pulley Diameter*	Mounting Dimension (X)
16 in. (400 mm)	5.75 (146)
20 in. (500 mm)	5.50 (140)
24 in. (600 mm)	5.25 (133)
28 in. (700 mm)	5.00 (127)
30 in. (750 mm)	4.75 (120)

* includes belt and lagging

MOUNTING LOCATION



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**

Problem Solved™ GUARANTEED!

Form No. L4214-05/25

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