Martin® QC1+™ Cleaner XHD One-Piece Mainframe



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

SPECIFICATIONS

Belt Widths (mm)	Pulley Diameter* (mm)	Maximum Belt Speed (m/sec.)	Operating Temperature** (°C)	Reversing operation***
750 - 1800	400 - 800	6,1	-40 - +150	Yes

**Pulley diameter greater than 800 mm: contact your Martin Engineering representative.*

***Depending on polyurethane type*

****Reversing operation is possible but has no cleaning effect.*

NOMENCLATURE

C1QCE1 XXX XX X X X X

P/N Prefix
Belt Width (cm)
Cleaning Width (cm)
Urethane Color
Blade Type
Mainframe
Tensioner

BENEFITS

- **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.

BELT WIDTH
XXX: indicates belt width in cm (075 - 180)

CLEANING WIDTH*
00: No Blade
10: Belt width - 10 cm
20: Belt width - 20 cm
30: Belt width - 30 cm
40: Belt width - 40 cm
50: Belt width - 50 cm

URETHANE COLOR
0: No Blade
B: Brown
G: Green
O: Orange

BLADE TYPE
0: Segmented Blade/No Blade
1: Solid Blade

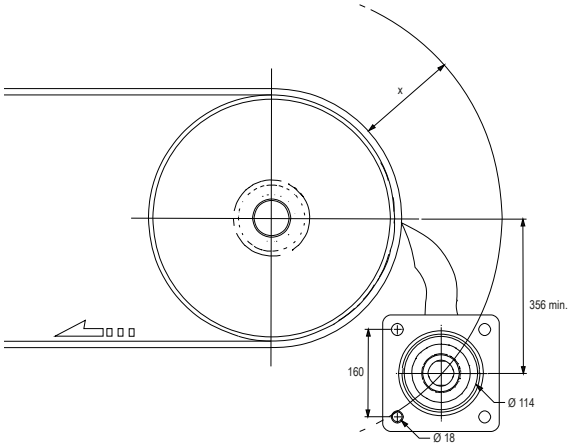
MAINFRAME
A: Stainless Steel
B: Extended Stainless steel
E: Extended Painted Steel
P: Painted Steel

TENSIONER
S: Martin® Spring Tensioner (P/N SA38003 or SA38003-2)
P: Martin® Spring Tensioner Stainless Steel (P/N 38180-SS)
0: No tensioner

** Available Cleaning Width (= Blade Width) Options are shown in the table on page 2 or drawing C1QCE1XXXXXXXXX.*

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MOUNTING LOCATION



Pulley Diameter* (mm)	Mounting Location X (mm)
400-500	146
501-600	140
601-700	133
701-750	127
751-800	120

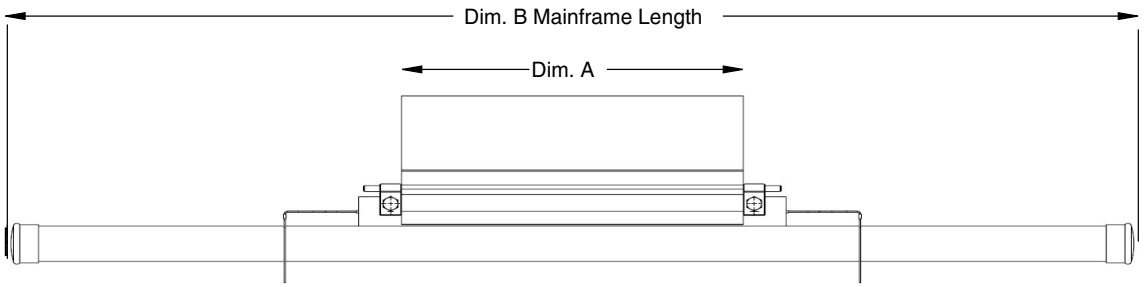
*(Including pulley lining and conveyor belt)

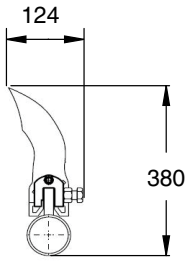
Use segmented blade on crowned head pulley.

DIMENSIONS

Belt Width (mm)	Cleaning Width: Belt Width – xx (cm)	Cleaning Width (A) (mm)	Mainframe Length (B) Standard (mm)	Mainframe Length (B) Extended (mm)
750	10	650	2.050	2.550
	20	550		
800	10	700	2.100	2.600
	20	600		
900	20	700	2.200	2.700
	30	600		
1.000	20	800	2.300	2.800
	30	700		
1.050	20	850	2.350	2.850
	30	750		
1.200	20	1.000	2.500	3.000
	40	800		
1.350	20	1.150	2.650	3.150
	40	950		
1.400	20	1.200	2.700	3.200
	40	1.000		
1.500	20	1.300	2.800	3.300
	50	1.000		
1.600	20	1.400	2.900	3.400
	50	1.100		
1.650	20	1.450	2.950	3.450
	50	1.150		
1.800	20	1.600	3.100	3.600
	50	1.300		

Note: Dimension A equals belt width minus XX cm.
Dual Tensioners are required for belt widths greater than 1400 mm.





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RECOMMENDED TENSIONERS

Tensioner	P/N
Martin® XHD Spring Tensioner	SA38003
Martin® XHD Dual Spring Tensioner	SA38003-2

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 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.

REPLACEMENT BLADE NOMENCLATURE

C1QCEB XXX XX X X

P/N Prefix
Belt Width (cm)
Cleaning Width
Urethane Color
Blade Type

BELT WIDTH
XXX: indicates belt width in cm (075 - 180)

URETHANE COLOR
B: Brown
G: Green
O: Orange

CLEANING WIDTH*
10: Belt width - 10 cm
20: Belt width - 20 cm
30: Belt width - 30 cm
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50: Belt width - 50 cm
60: Belt width - 60 cm

BLADE TYPE
0: Segmented Blade
1: Solid Blade

** Available Cleaning Width (= Blade Width) Options are shown in the table on page 2 or drawing C1QCE1XXXXXXXXX.*

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