

Martin QC1 Cleaner HD (Heavy Duty)



The **Martin® QC1™ Cleaner HD** allows quick and easy service with “one-pin” replacement of a one-piece blade.

SPECIFICATIONS

Maximum Belt Speed fpm (m/sec)	Maximum Service Temperature	Pulley Diameter** in. (mm)	Mounting Location in. (mm)	Wear Life* in. (mm)	Wear Volume (per inch of blade) in³ (cm³)
900 (4.6)	160°F (70°C) Continuous 180°F (82°C) Intermittent	16–22 (406–559)	3.5 (89)	4.5 (114)	6.53 (107)

* Amount of usable blade

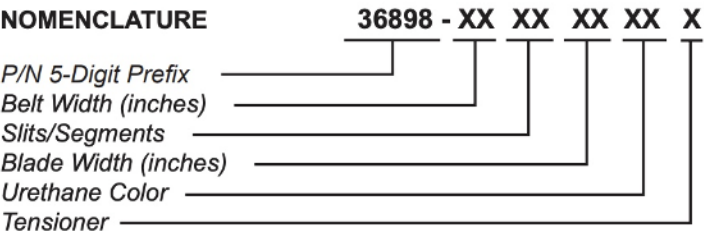
** Pulley diameter 23 in. (584 mm) and greater:
contact your Martin Engineering representative.

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

RECOMMENDED TENSIONERS & REPLACEMENT BLADES

	Tensioner	P/N	Replacement Blade P/N
Heavy-Duty	Martin® Twist Tensioner	38850	35381-XXXXXXXXXX
Heavy-Duty	Martin® Spring Tensioner	38180	35381-XXXXXXXXXX
Medium	N/A (Medium-Duty Assembly is not available)	N/A	33496-XXXXXX
Standard	N/A (Standard-Duty Assembly is not available)	N/A	PV-XXXXXXXXXX

NOMENCLATURE



SLITS/SEGMENTS

- 11: No slits or segments
- 10: Segments only
- 01: Slits only
- 00: Slits & Segments

TENSIONER

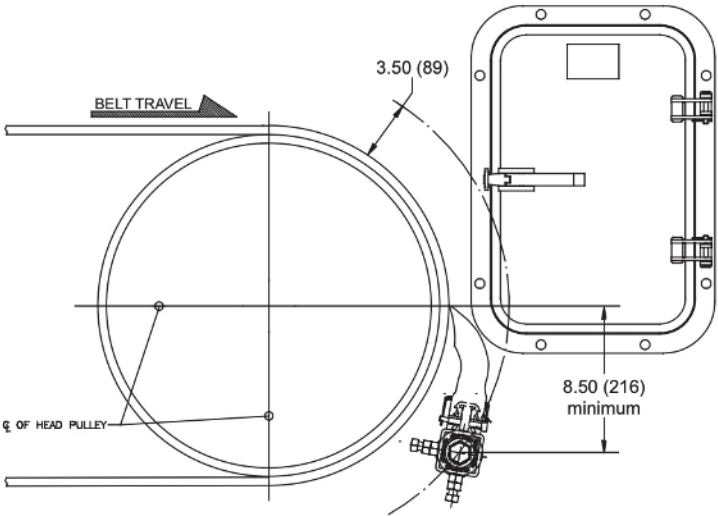
- T: Martin® Twist Tensioner
- S: Martin® Spring Tensioner

URETHANE COLOR

- BR: Brown
- NB: Navy Blue
- GR: Green
- CL: Tan
- Blank: Orange

Use segmented blade on crowned head pulley.

MOUNTING LOCATION

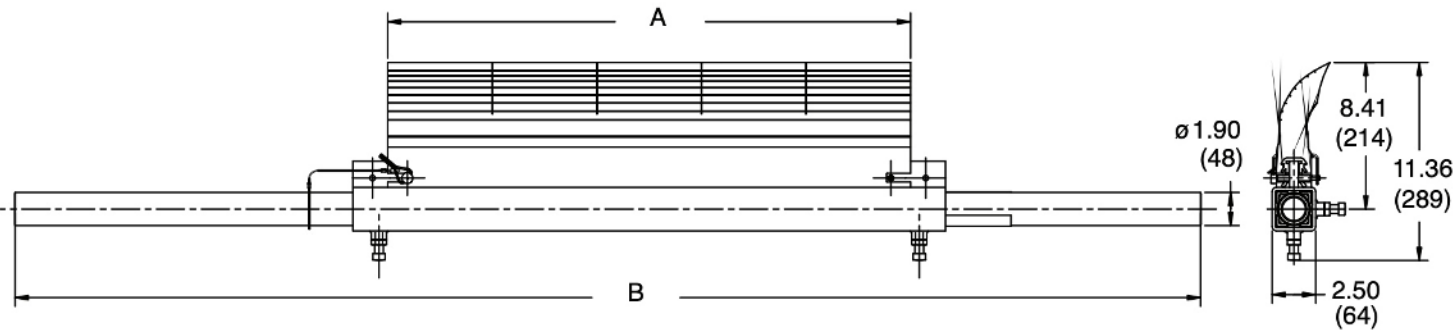


DIMENSIONS -- in. (mm)

* Tensioner not included

Belt Width in. (mm)		Mainframe Length (B) in. (mm)		Belt Coverage (A) Belt Width Less 6" in. (mm)		Shipping Weight* lb. (kg)		Belt Coverage (A) Belt Width Less 2" in. (mm)		Shipping Weight* lb. (kg)	
18	(400-500)	44	(1118)	12	(305)	33	(15)	16	(406)	35	(16)
24	(500-650)	50	(1270)	18	(457)	42	(19)	22	(559)	44	(20)
30	(650-800)	62	(1575)	24	(610)	53	(24)	28	(711)	55	(25)
36	(800-1000)	68	(1727)	30	(762)	60	(27)	34	(864)	63	(29)
42	(1000-1200)	74	(1880)	36	(914)	68	(31)	40	(1016)	70	(32)
48	(1200-1400)	80	(2032)	42	(1067)	71	(32)	46	(1168)	75	(34)
54	(1400-1600)	86	(2184)	48	(1219)	77	(35)	52	(1321)	82	(37)
60	(1600-1800)	98	(2489)	54	(1372)	85	(39)	58	(1473)	93	(42)
72	(1800-2000)	110	(2794)	66	(1676)	108	(49)	70	(1778)	110	(50)
84	(2000-2200)	123	(3124)	78	(1981)	144	(65)	82	(2083)	146	(66)
96	(2200-2400)	135	(3429)	90	(2286)	163	(74)	94	(2388)	165	(75)

Note: Dual Tensioners are required for belt widths 54 in. (1400 mm) and greater.



*Note: The Martin® QC1™ Blade HD (P/N 35381-XXXX) will NOT fit into frame locations for Martin® QC1™ Cleaner MD Assembly (P/N 33497-XXX). The blade will fit on the mainframe, but the mainframe will need to be relocated for proper cleaning and effective wear life.

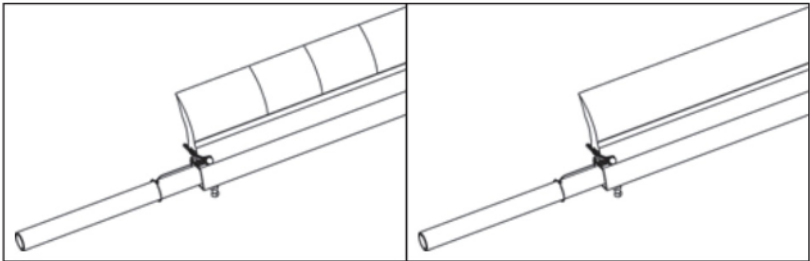
ACCESSORIES

Part	P/N
Martin® Steel Inspection Door	CYA-1218
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.



Segments only
XX10
(for crowned head pulleys)

No segments
XX11