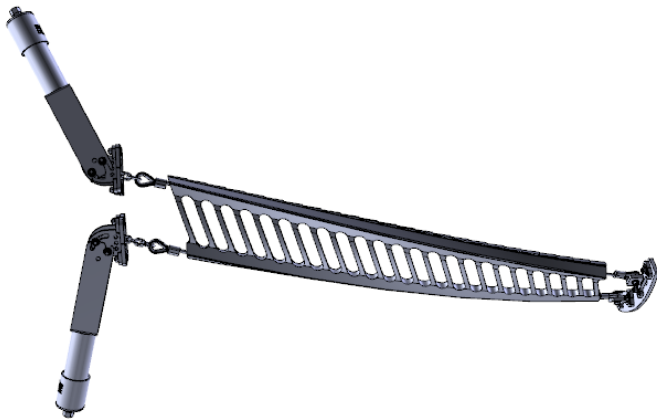


CleanScape® Cleaners



The [CleanScape® Cleaner](#) is mounted diagonally on the discharge pulley and forms a three-dimensional curve. The cleaner has a matrix of carbide scrapers incorporated into the main rubber body during the vulcanization process. Despite a relatively low contact pressure between the belt and cleaner 85 to 95% of the adhering material is removed.

FEATURES & BENEFITS

- Simple installation, minimum space required
- Low wear to the belt and cleaner
- Blade completely corrosion resistant
- Suitable for use with all types of mechanical joints
- Low maintenance
- Available with stainless steel installation kits
- Suitable for use in explosive atmospheres
- Suitable for use with reversing belts

SPECIFICATIONS

Cleaner Type	Pulley Diameter mm (in.)		Belt Width mm (in.)	Maximum Belt Speed m/s (fpm)	
	Min.	Max.		Vulcanized Splice	Mechanical Splice
C1CSXRXXXXXX	300 (12)	550 (22)	400–1000 (18-42)	6 (1200)	4 (800)
C1CMXRXXXXXX	550 (22)	900 (34)	500–1800 (18-72)	8 (1500)	4 (800)
C1CLXRXXXXXX	900 (36)	1250 (50)	800–2400 (24-96)	8 (1500)	4 (800)
C1CHXRXXXXXX	800 (32)	2000 (78)	1000-3000 (42-120)	8 (1500)	6 (1200)

CARBIDE BLADE SELECTION

Carbide Selection	Application Description	Typical Materials
A	Suitable for less abrasive products and medium belt speeds. Applicable with mechanical belt splices.	Limestone, gypsum, potash
B	Suitable for moderate abrasive products and medium belt speeds. Applicable with mechanical belt splices.	Sand, coal, salt, ore, sugar
C	Suitable for extremely abrasive materials and highest belt speeds. Do not use with mechanical belt splices.	Quartz sand, ash, ore, hardstone, slag, sinter

*H available only with carbide B.

TECHNICAL DATA SHEET

CLEANSRAPE® SMALL CLEANER

NOMENCLATURE

1. Conveyor Products _____ C 1 C X X R XXX X XX
2. Primary Cleaner _____
3. CleanScape _____
4. Size _____
- S = Small _____
5. Assembly Type _____
- B = Blade Assembly, No Tensioner
- T = Blade Assembly, Tensioner
Standard Painted Steel
- S = Blade Assembly, Tensioner
Stainless Steel _____
- M = Blade Assembly, Multi-Functional
Tensioner Standard Painted Steel
- F = Blade Assembly, Multi-Functional
Tensioner Stainless Steel
6. Blade Body Material _____
- R = Rubber _____
- 7-9. Width _____
- inch = S + 2 digits _____
- SA2: 102 inches
- SA8: 108 inches
- mm = 3 digits [BW / 10]
10. Carbide _____
- A ; B ; C _____
- 11-12. Number of Elements _____

TENSIONER SELECTION

Size	Belt Width mm (in.)	Tensioner
S	≤ 1000 mm (≤ 40")	Single 2.8kN

TECHNICAL DATA SHEET

CLEANSRAPE® MEDIUM, LARGE & HD CLEANERS

NOMENCLATURE		C	1	C	X	X	R	XXX	X	XX
1. Conveyor Products	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
2. Primary Cleaner	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
3. CleanScape	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
4. Size	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
M = Medium ; L = Large ; H = Heavy Duty										
5. Assembly Type	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
B = Blade Assembly, No Tensioner										
F = Blade Assembly with Stainless Steel Chain, No Tensioner										
T = Blade Assembly, Standard Painted Steel Tensioner										
S = Blade Assembly with Stainless Steel Chain, Stainless Steel Tensioner										
6. Blade Body Material	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
R = Rubber										
7-9. Width	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
inch = S + 2 digits SA2: 102 inches SA8: 108 inches mm = 3 digits [BW / 10]										
10. Carbide	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
A ; B ; C										
11-12. Number of Elements	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

TENSIONER SELECTION

Size	Belt Width mm (in.)	Tensioner
M	≤ 1400 mm (≤ 54")	Single 4.2kN
M	≤ 1800 mm (≤ 72")	Dual 4.2kN
L	≤ 1400 mm (≤ 54")	Single 4.2kN
L	< 2000 mm (< 78")	Dual 4.2kN
L	≥ 2000 mm (≥ 78")	Dual 6.6kN
H	≤ 1400 mm (≤ 54")	Single 4.2kN
H	< 2000 mm (> 78")	Dual 4.2kN
H	≥ 2000 mm (≥ 78")	Dual 6.6kN

GENERAL NOTES:

- Standard: H available only with carbide B
- Standard:
 - Copper Swages
 - Stainless Steel Thimble



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www.martin-eng.com

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