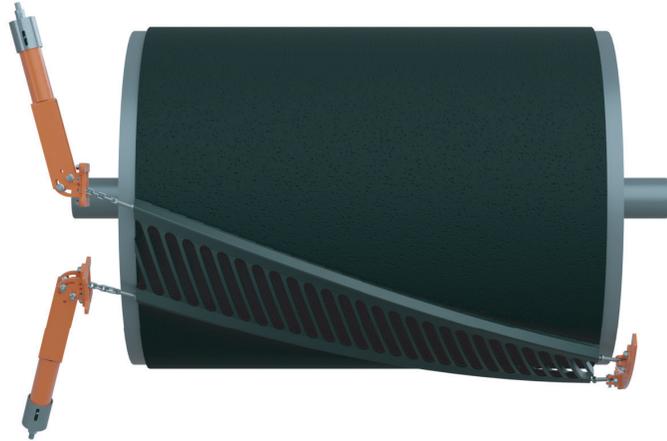


CleanScrape® Heated Primary Cleaners



CONTROLLER SPECIFICATIONS

| | |
|----------------------------------|--|
| Electrical Requirements | 240VAC, Single phase, 60 Hz |
| Power Consumption | 350W-900W per heater *dependant on belt width |
| Service Temperature Range | -30°F-130°F (-34°C-55°C)** |
| Temperature Range Output | 180°F-200°F (65°C-93°C) |

*Blade can be installed where it sees up to 250°F (121°C). Controller needs to not exceed 130°F (54°C)

**Can operate in lower temperatures. Contact Martin Engineering to discuss.

The **CleanScrape® Heated Primary Cleaner** system is a reliable, practical system for heating CleanScrape® Primary Cleaners at desired temperatures to better operate in harsh weather. The controller uses programmable logic to energize the heating element to desired pre-set temperatures. The CleanScrape® Heated Primary Cleaner System reduces the material flow problems that exist due to build up of unnecessary material on the cleaner or from freezing over.

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
- Designed for use in extreme cold
- Low maintenance
- Available with stainless steel installation kits
- Suitable for use with reversing belts
- Indoor or outdoor use - with NEMA 4X enclosure

CLEANER SPECIFICATIONS

| Cleaner Type | Pulley Diameter in. (mm) | | Belt Width in. (mm) | Maximum Belt Speed fpm (m/s) | |
|--------------|-----------------------------|-----------|------------------------|---------------------------------|-------------------|
| | Min. | Max. | | Vulcanized Splice | Mechanical Splice |
| C1CMXRXXXXXX | 22 (550) | 34 (900) | 24-72 (600-1800) | 1500 (8) | 800 (4) |
| C1CLXRXXXXXX | 32 (800) | 50 (1250) | 30-72 (750-1800) | 1500 (8) | 800 (4) |

CARBIDE BLADE SELECTION

| Carbide Selection | Application Description | Typical Materials |
|-------------------|--|------------------------------|
| B | Suitable for moderate abrasive products and medium belt speeds. Applicable with mechanical belt splices. | Sand, coal, salt, ore, sugar |

TECHNICAL DATA SHEET

**CLEANSRAPE® MEDIUM & LARGE
HEATED PRIMARY CLEANER**

TENSIONER SELECTION

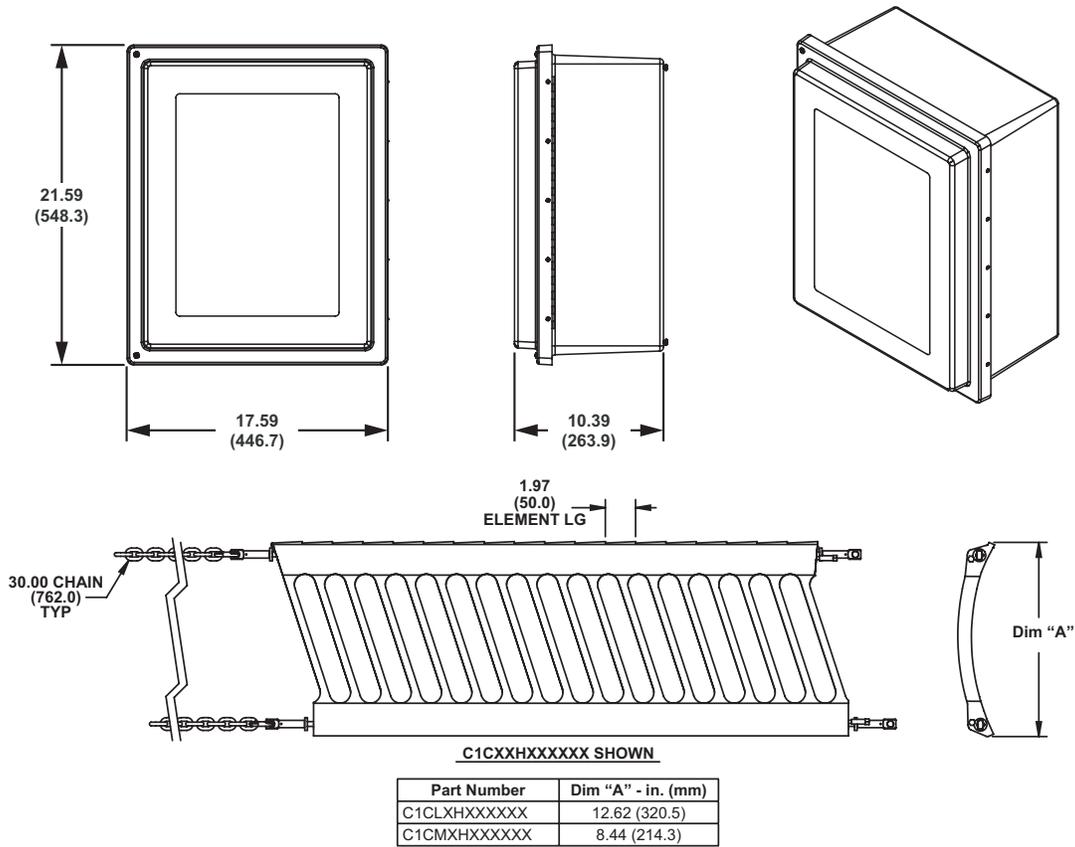
| Size | Belt Width in. (mm) | Tensioner |
|------|---------------------|--------------|
| M | ≤ 54" (≤ 1400 mm) | Single 4.2kN |
| M | < 72" (≤ 1800 mm) | Dual 4.2kN |
| L | ≤ 54" (≤ 1400 mm) | Single 4.2kN |
| L | < 78" (< 2000 mm) | Dual 4.2kN |

NOMENCLATURE

C 1 C X X H XXX X XX

- Conveyor Products
- Primary Cleaner
- CleanScape
- Size
L = Large
M = Medium
- Assembly Type
B = Blade Assembly, No Tensioner
T = Blade Assembly, Standard Painted Steel Tensioner
M = Blade Assembly, Standard Painted Steel Tensioner, Mount Plates Painted Steel
F = Blade Assembly with Stainless Steel Chain, No Tensioner
S = Blade Assembly with Stainless Steel Chain, Stainless Steel Tensioner
C = Blade Assembly with Stainless Steel Chain, Stainless Steel Tensioner, Mount Plates Stainless Steel
- Blade Body Type
H = Heated Cleanscape Assembly
9. Belt Width
inch = S + 2 digits
mm = 3 digits (BW / 10)
- Carbide
B = B Carbide Grade
- 11-12. Number of Elements

DIMENSIONS – IN. (MM)



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**COMPANY WITH
 QUALITY SYSTEM
 CERTIFIED BY DNV
 ISO 9001**