

CONDOR®

PRIMARY BELT CLEANERS

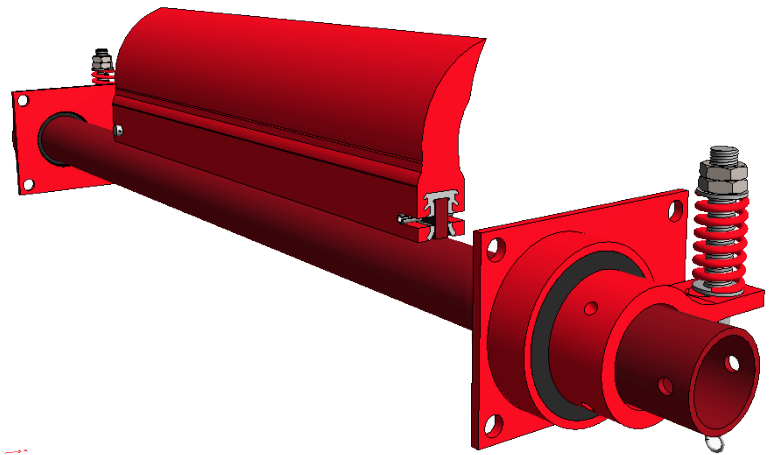
CONDOR PRE-CLEANER is an economical yet efficient solution for conveyor belt cleaning problems.

CONDOR Pre-Cleaner is designed for long term performance to withstand punishing conditions. It is made up of heavy duty steel pipe frame to withstand high speed belt with heavy loads.

Ideally installed on the face of the head pulley, just below the origin of material trajectory, the cleaner design prevents material build up and returns valuable carry back material back into the primary material stream.

The cleaner incorporates a single piece solid Urethane Blade as the cleaning tip. The blade is mounted with single locking pin arrangement which makes installation and maintenance easier.

Colour coded Polyurethane blades suitable for different application and conditions are available on request.



SPECIFICATIONS

Blade Colour	Red	Brown	Green
Application	All standard applications	High Moisture, High Abrasion & Wear, Chemicals	High Temperature, High Abrasion & Wear
Maximum Service Temp. F (Deg.C)	Continuous – 158 (70)	Continuous – 158 (70)	Continuous - 257 (120)
Maximum Belt Speed Fpm (m/s)	900 (4.6)	900 (4.6)	900 (4.6)
Min. Pulley Diameter in. (mm)	12 (305)	12 (305)	12 (305)
Wear Life in. (mm)	4.5 (115)	4.5 (115)	4.5 (115)

SALIENT FEATURES

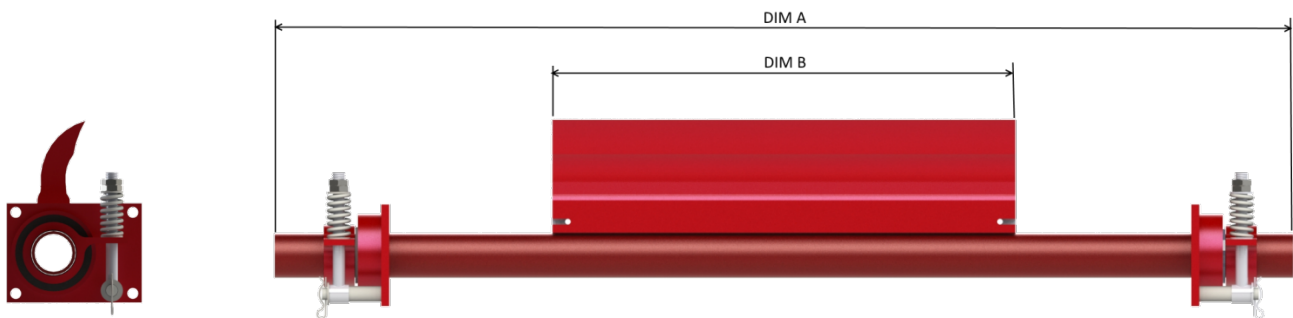
- Minimum cleaning pressure exerted on the belt with maximum cleaning efficiency.
- The scraper's design allows ease of installation and replacement of the blade with the removal of only one locking pin.
- A torque-storage tensioning device ensures constant blade contact with the belt.
- Unique design maintains a constant cleaning angle and optimum radial pressure through all stages of blade life.
- Pre-Cleaner incorporates a sturdy polyurethane blade and heavy duty carrier tube.

TECHNICAL INFORMATION

Belt Width in. (mm)	Assembly P/N*	Dim A in. (mm)	Dim B in. (mm)	Net. Weight Kg (lb)	Spare Blade P/N**
24 (500-650)	TCP-0500-X-X	54 (1375)	18 (450)	53.71 (118.41)	TCP-SP-0500-X
30 (650-800)	TCP-0650-X-X	60 (1525)	24 (600)	56.86 (125.35)	TCP-SP-0650-X
36 (800-1000)	TCP-0800-X-X	66 (1675)	30 (750)	59.59 (131.37)	TCP-SP-0800-X
42 (1000-1200)	TCP-1000-X-X	72 (1830)	36 (900)	62.31 (137.37)	TCP-SP-1000-X
48 (1200-1400)	TCP-1200-X-X	78 (1980)	42 (1050)	65.94 (145.37)	TCP-SP-1200-X
54 (1400-1600)	TCP-1400-X-X	84 (2134)	48 (1200)	70.43 (155.27)	TCP-SP-1400-X
60 (1600-1800)	TCP-1600-X-X	90 (2285)	60 (1500)	73.63 (162.33)	TCP-SP-1600-X
72 (1800-2000)	TCP-1800-X-X	102 (2580)	64 (1650)	76.83 (169.38)	TCP-SP-1800-X
84 (2000-2200)	TCP-2000-X-X	114 (2895)	72 (1800)	79.98 (176.33)	TCP-SP-2000-X
96 (2200-2400)	TCP-2200-X-X	126 (3200)	78 (1950)	83.61 (184.33)	TCP-SP-2200-X

* For Assemblies: Replace 1st X with R for Red, B for Brown and G for Green colour Blade.
Replace 2nd X with S,W or T for Spring, Wire or Torque tensioner respectively.

** For Spares: Replace X with R for Red, B for Brown and G for Green colour Blade



ACCESSORIES & SPARES

Thejo provides a range of accessories for easy installation and maintenance of belt cleaners. They include mounting brackets, inspection doors, various tensioning devices etc. Custom made brackets and fittings are also available for specific applications.

Mounting Bracket	TCP-SP-MB-XX
Inspection Door	TEL-BC-ID-XX-XX
Tensioner	TCP-SP-TR-S (Spring) TCP-SP-TR-W (Wire) TCP-SP-TR-T (Torque)

* For more information please contact your nearest Thejo representative.