



CONVEYOR COMPONENTS COMPANY

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MODELS CW AND CWD COUNTER-WEIGHTED CONVEYOR BELT CLEANER INSTALLATION INSTRUCTIONS

Overview:

The Model CW is an effective rubber blade-type cleaner for just about every type of application. Counterweighted arms keep the rubber wiper in constant, firm contact with the belt to remove product build-up. In most cases where build-up is light to moderate, the single blade CW will handle the job.

For applications where material build-up gets quite heavy, the Model CWD is a more appropriate choice. Fitted with dual blade assembly, it gives the belt a "double sweep" for extra cleaning effort.

Both units apply even, constant pressure across the entire width of the belt. Blade to belt pressure can be easily adjusted by moving the counterweights.

The structural components are furnished 24 inches [610 mm] oversize with regard to belt width and can be field adjusted to fit most conveyor frame sizes. Either unit can be hung from the conveyor frame by standard hanger mounts, or bolted directly to a chute.

Features:

- * Moving weight on arm can change blade pressure.
- * Counterweights can be located only on one arm if necessary.
- * Double cleaning action available on Dual Blade Model CWD.
- * Easy to install, unit adjusts in field to most conveyor frame sizes.
- * Durable solid rubber used as standard wiper.
- * Available for all belt sizes 12" through 72".
- * Includes safety stops.
- * Can be hung from conveyor frame or bolted directly to conveyor discharge chute with optional flange mounting.

Installation:

CAUTION: Before installing or adjusting, shut down and physically lockout the conveyor system.

1. Mount the cleaner so that the leading edge of the first wiper is directly below the center of the head pulley and the blade arm is approximately parallel with the belt.
2. Locate the counterweight arms so they are approximately horizontal.
3. Remove bolts from counterweights. Reverse the counterweight front, if necessary, so the threads are closest to the counterweight back. Replace bolts and slide onto arms and position for most effective cleaning.
4. Locate stops to prevent the wiper support from contacting the belt as the wiper wears.
5. Counterweight arms can be offset, lengthened or shortened in the field by user if necessary.

Figure 1: CW and CWD dimensions.

UNIT SIZE BELT WIDTH	DIMENSION 'A'	
	MINIMUM	MAXIMUM
12" [305 MM]	10" [254 MM]	32" [813 MM]
18" [457 MM]	16" [406 MM]	36" [914 MM]
20" [508 MM]	18" [457 MM]	40" [1016 MM]
24" [610 MM]	22" [559 MM]	44" [1118 MM]
30" [762 MM]	28" [711 MM]	50" [1270 MM]
36" [914 MM]	34" [864 MM]	56" [1422 MM]
42" [1067 MM]	40" [1016 MM]	62" [1575 MM]
48" [1219 MM]	46" [1168 MM]	68" [1727 MM]
54" [1372 MM]	52" [1321 MM]	74" [1880 MM]
60" [1524 MM]	58" [1473 MM]	80" [2035 MM]
72" [1829 MM]	70" [1778 MM]	92" [2337 MM]

