

Under no circumstances must the MCS2 cleaner with carbide blades be used on belts with mechanical fasteners. See your nearest Mato supplier for recommendations of cleaners for belts with fasteners.

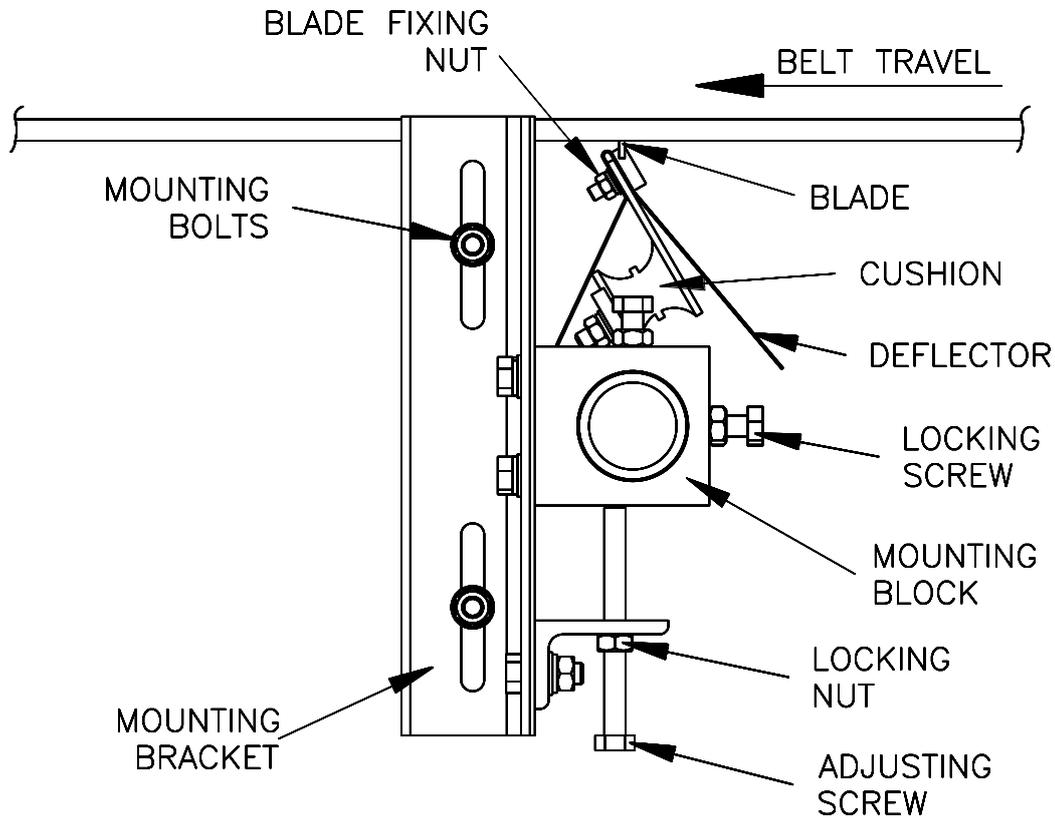


Figure 1 - General Arrangement of Mato MCS2 Type Cleaner

- The best installed position of the MCS2 secondary cleaner is 100 mm to 250 mm behind the tangent point where the conveyor belt leaves the pulley (see Figure 2).
- Ensure that the carry back materials will be returned to the fines tray to reduce product spillage.
- If more than one secondary cleaner is to be installed, the minimum distance in between the two shafts to avoid product build up is 250 mm.

- The mounting position of the shaft is determined by the dimension (Y) as shown in Figure 3 and the distance is measured perpendicular from the underside of the belt.
- The mounting brackets should be perpendicular to the belt as shown in Figure 1.
- Position brackets using a G Clamp, or scribe a vertical line on the chute wall and drill two 13 mm mounting holes to F and G dimensions. (Refer to Figure 3).

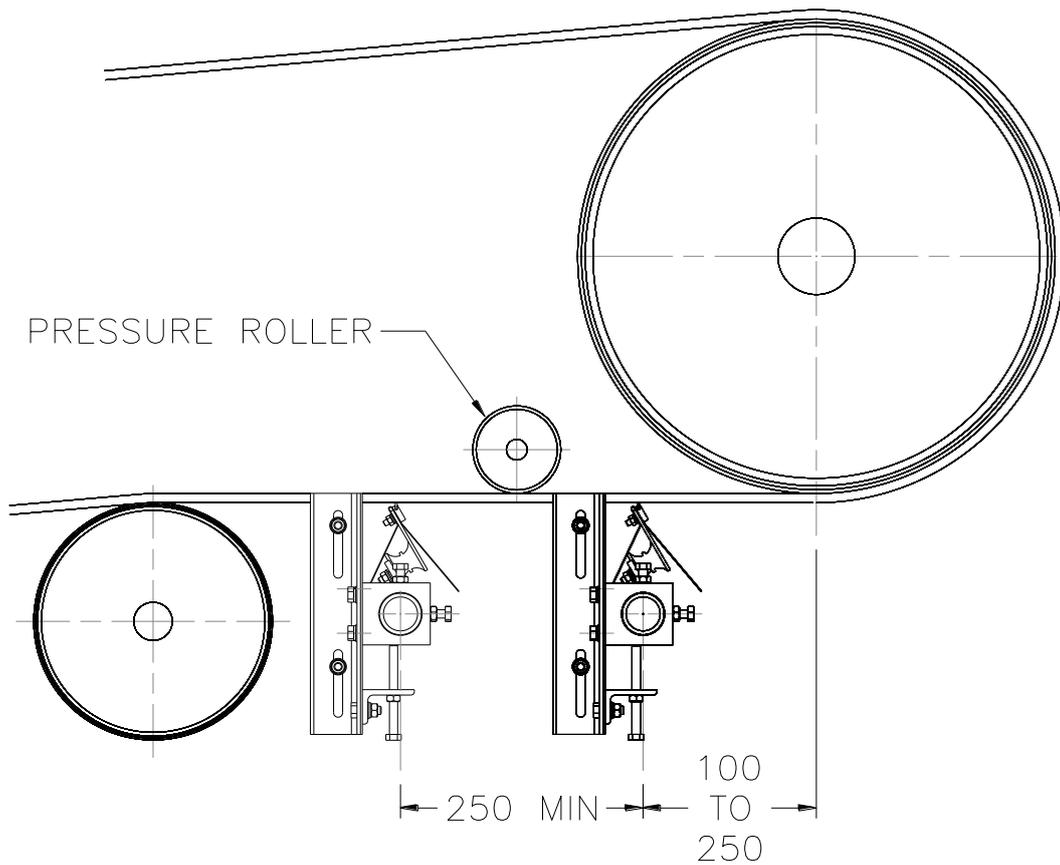
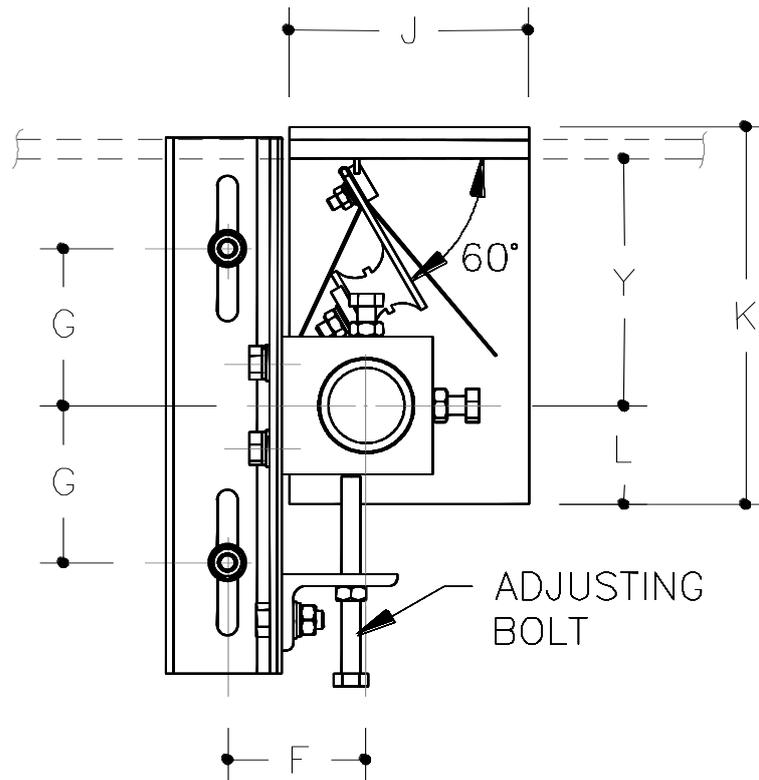


Figure 2

- On an enclosed transfer chute, a cut out hole on both sides may be required to pass the cleaner shaft through for installation and inspections, (see J and K dimension in Figure 3).
- Position the mounting blocks such that the centre of each is approximately 20 mm below the centre of the mounting brackets.



Belt Width	'Y'	'F'	'G'	'J'	'K'	'L'
450 mm – 750 mm	155	83	75	125	250	80
800 mm – 1200 mm	160	90	100	125	275	90
1350 mm – 2000 mm	170	95	100	125	300	100

Figure 3

- Position the complete shaft assembly in its appropriate position and support temporarily in the mounting blocks.
- Position the cleaner shaft so that the cushion is set at 60 degrees to the belt surface, adjust the cleaner with the adjusting bolts so that the blade tip contact is flat across the belt. (See Figure 3)
- Ensure that the blades are in full contact across the entire belt width. In some cases a pressure roller may be required to flatten out the belts surface to achieve the best possible cleaning. (See Figure 2)
- Once the MCS2 cleaner has been installed, you need to set the blade pressure by winding the adjusting bolt 3 complete turns or 4mm to 6mm after the blades contact the belts surface.
- Tighten all locking nuts, run conveyor and inspect. Monitor the cleaner, and adjust further if required.