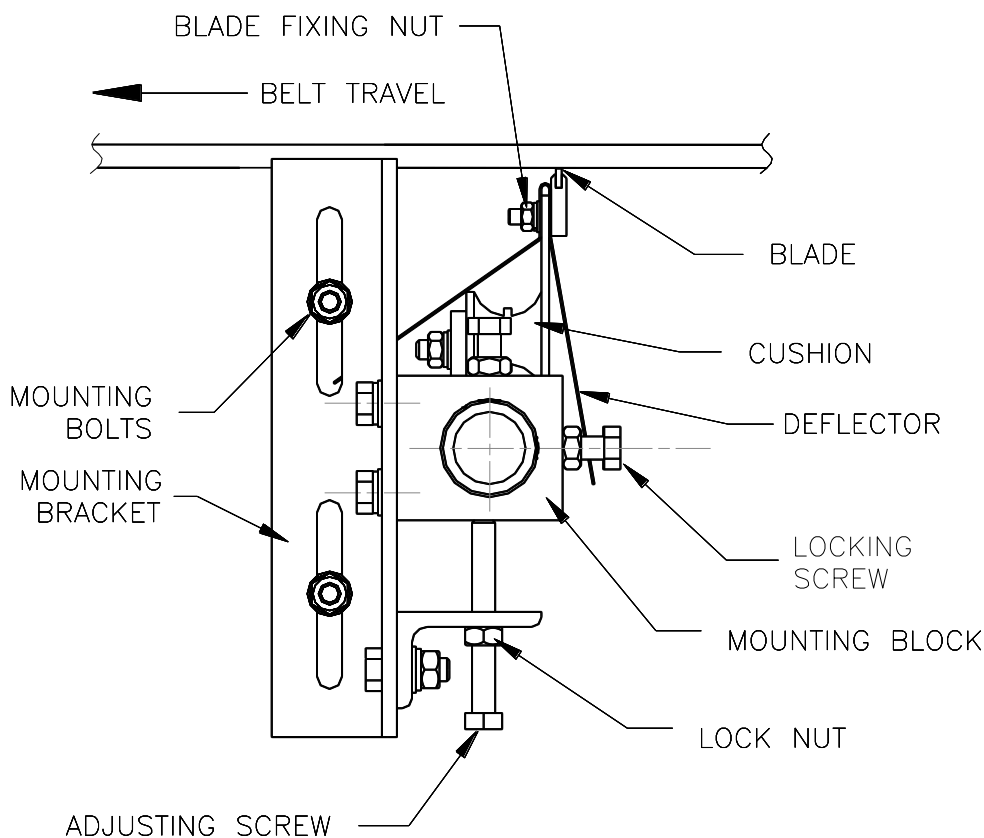
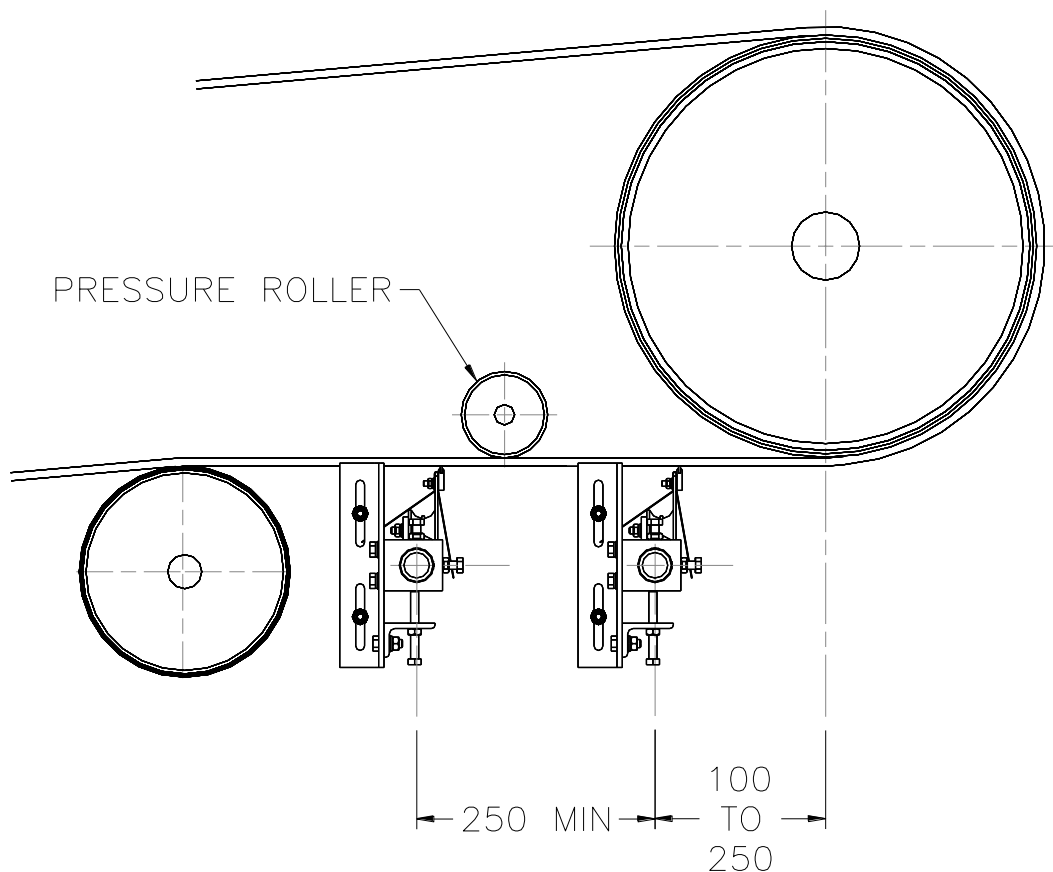


- The best installed position of the MCS4 secondary cleaner is 100 mm to 250 mm behind the tangent point where the conveyor belt leaves the pulley. (see Figure 2)
- Ensure that the carry back materials will be returned to the fines tray to reduce product spillage.
- If more than one secondary cleaner 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. 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 13mm mounting holes to F and G dimensions (refer Figure 3).

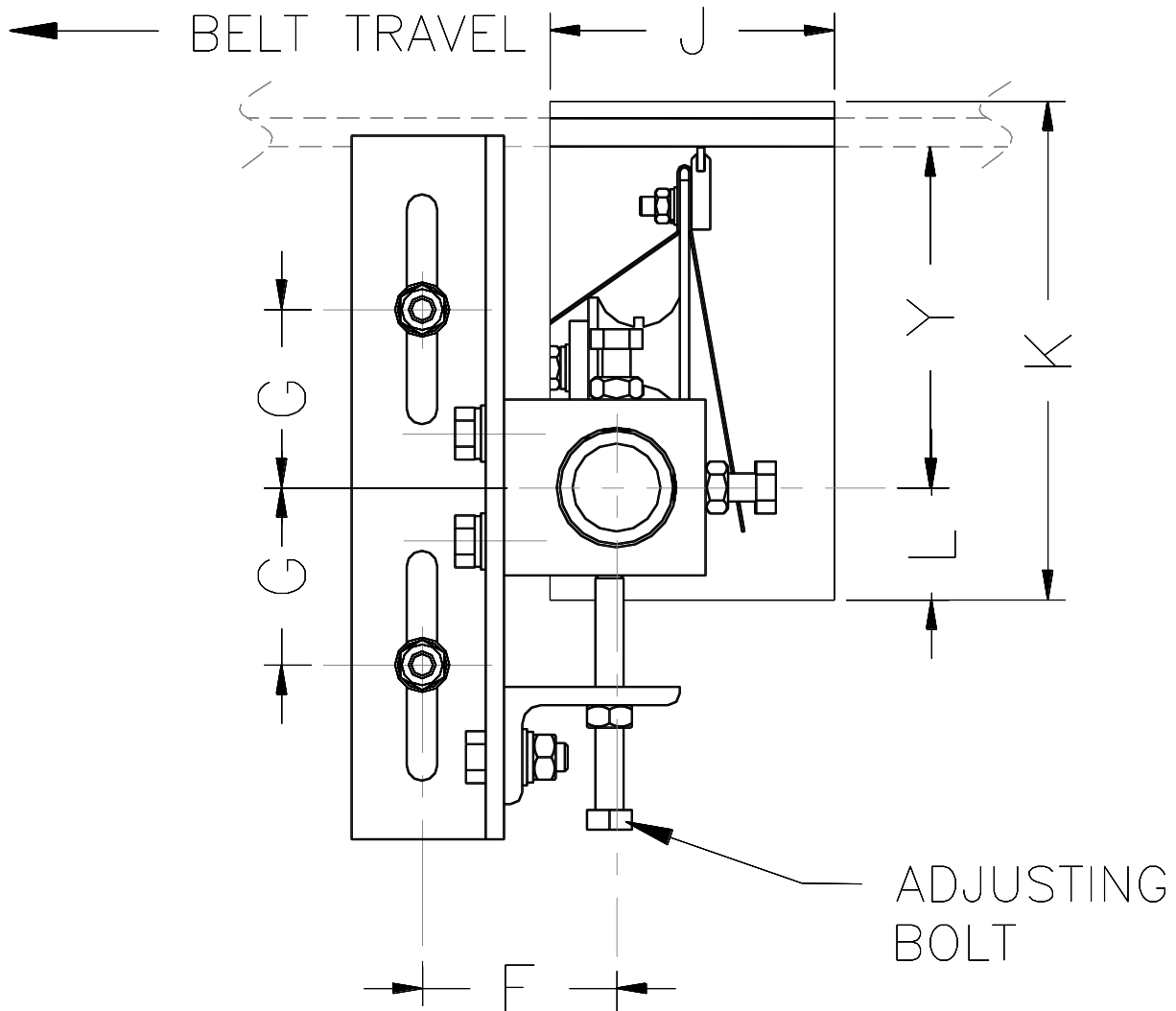


**Figure 1 - General Arrangement of Mato MCS4 Type Cleaner**



***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.
- 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 **90** degrees to the belt surface. Adjust the cleaner with the adjusting bolts so the blade tip contact is flat across the belts surface.
- 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)



Belt Width	'Y'	'F'	'G'	'J'	'K'	'L'
450 mm – 750 mm	145	83	80	126	250	80
800 mm – 1200 mm	150	90	100	126	250	90
1350 mm – 2000 mm	154	95	100	126	250	100

**Figure 3**

- Once the MCS4 cleaner has been installed, you need to set the blade pressure by winding the adjusting bolt 3 complete turns or 3mm to 4mm after the blades contact the belts surface.
- Tighten all locking nuts, run conveyor and inspect. Monitor the cleaner, and adjust further if required.