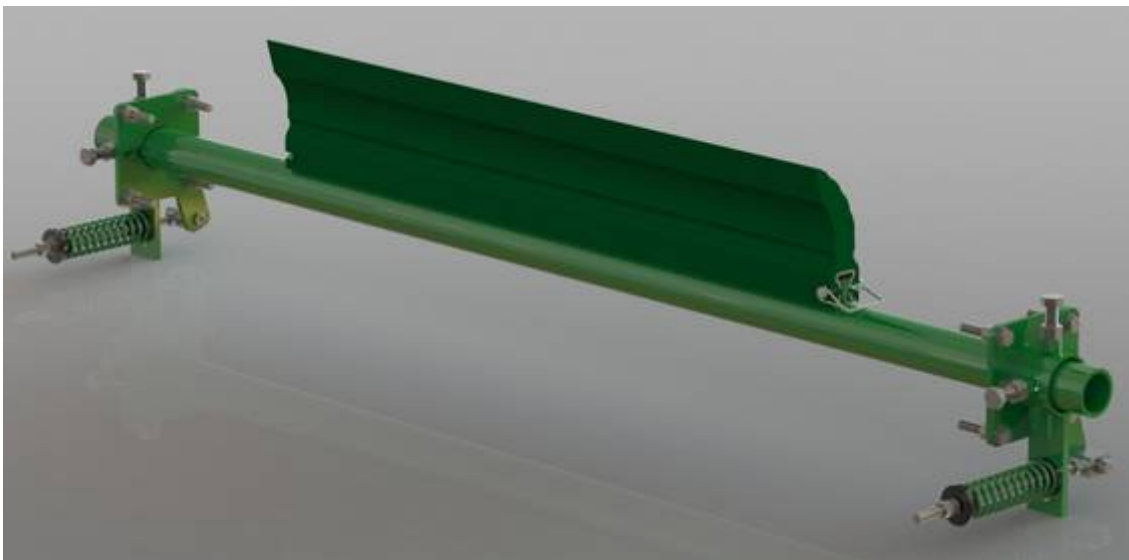




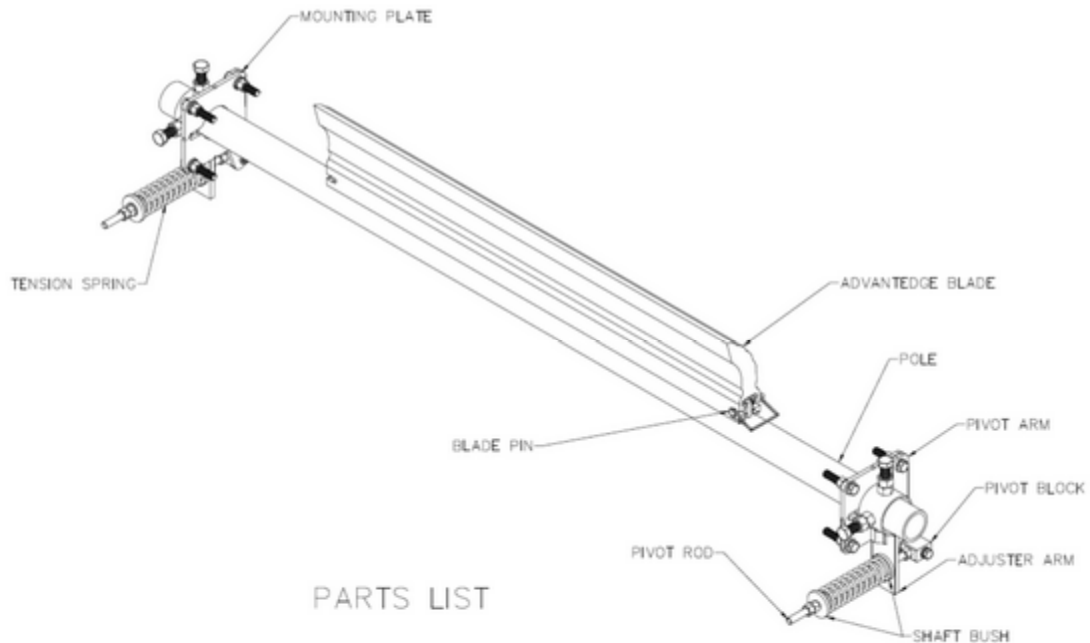
AdvantEdge™

Installation Instructions





Conveyor must be physically locked out at the power source before work is commenced



Before commencing installation please check that all parts have been supplied and are correct for the application. If any parts are missing or you have any questions on the installation please contact Belle Banne Conveyor Products on **(02) 9618 9400**.



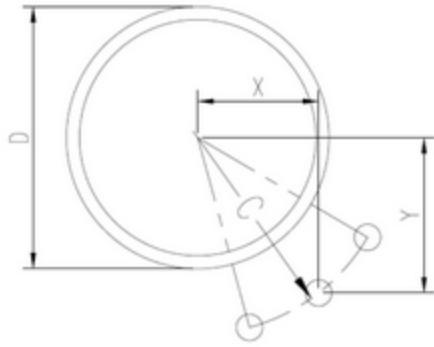


Figure 1.

D= Pulley + lagging & belt thickness (mm)

- 1. Locate pole centre.** Firstly measure the size of the pulley remembering to include lagging and belt thickness. Once the 'D' dimension is known, use the table on the right to determine the X and Y dimensions. **NOTE:** Use the 'D' dimension that is closest to what you have measured. Using the X and Y dimension, mark where the centre of the pole will be located as shown in the above figure 1. Note: If the location is obstructed, use the 'C' dimension to find a position that is open.

Pole Centre Location Table			
D	X	Y	C
250	102	229	250
280	121	229	258
300	137	229	266
330	162	229	280
355	175	229	288
380	197	229	302
405	206	229	308
430	225	229	321
460	235	229	328
485	254	229	342
510	264	229	349
535	279	229	361
560	298	229	376
585	314	229	389
610	330	229	402
635	346	229	415
660	362	229	428
685	378	229	442
710	391	229	452
740	406	229	466
760	422	229	480
790	435	229	491
815	451	229	505
840	464	229	517
865	479	229	531
890	492	229	543
915	508	229	557



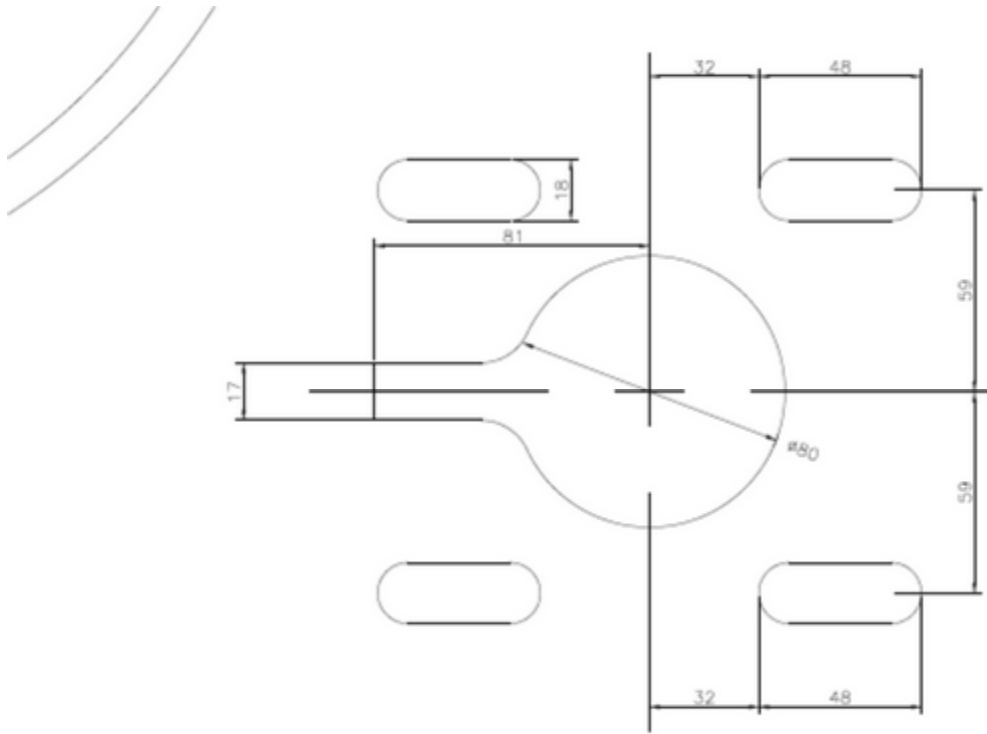
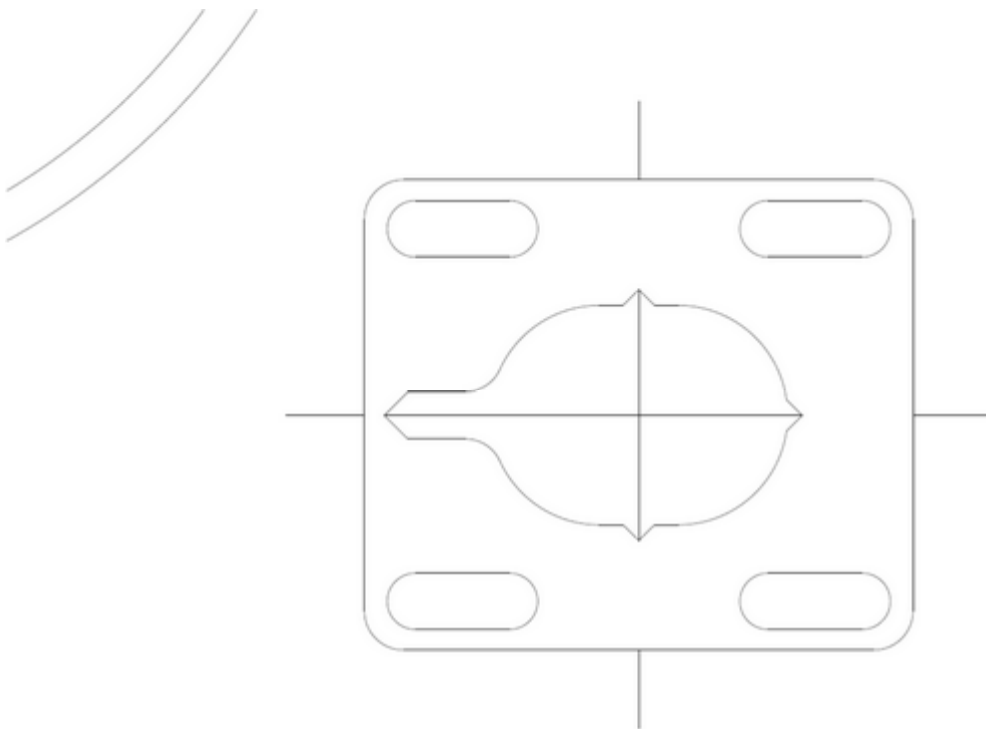


Figure 2



2. Mounting Plate hole cutting details. Cut out the slots and access hole for the pole, using the dimensions shown in Figure 2 or using the cardboard template supplied. Make sure that the slot plate welded to the pole is facing toward the pulley. Do the same for both sides of the chute wall. Slotted holes are used in case further adjustment is needed later. Note: New templates can be sent on request, please call our office to arrange for a new one to be sent to you.

3. Install mounting Plates. Bolt mounting plates to both sides of the chute wall using the bolts that were provided. Centre the plates and tighten the bolts. NOTE: only use the two bolts that won't hold the pivot arm in place, see later steps to determine which bolts these are.

4. Insert Pole. Remove pin from blade then remove the blade from the pole. Insert pole through the mounting plates. NOTE: the removable pin side of the pole should be closest to the side of the chute wall with the most access.

5. Centre blade on belt. Re-install the blade on the pole and lock in place using the blade pin. Sliding the pole left to right, centre the blade on the belt.

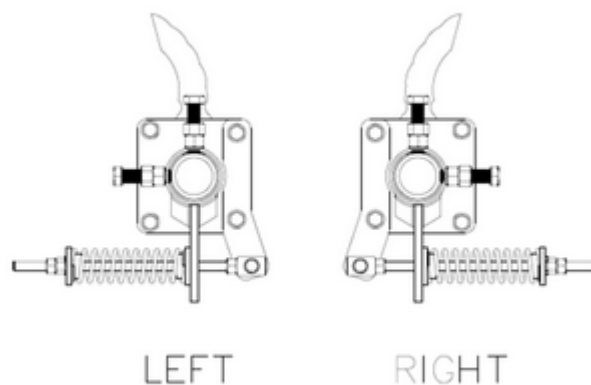


Figure 3



6. Install the tensioner. Install tensioners on both sides of the chute, for belt widths 1050mm and below one tensioner is used and a stop collar is used on the other side, making sure the correct assembly is on the right side (see **figure 3** to determine which assembly goes where). Place the pivot rod through the slot in the adjuster arm, slide the adjuster arm onto the pole and fasten the pivot arm to the mounting plate using the bolts provided. NOTE: if there is not enough room available the side assembly can be spun 90°/180°/270° to available space.

7. Adjust Blade Tension. With both side assemblies installed on the pole, rotate the blade so that it is making contact with the pulley. Tighten the nuts on the pivot rod until the blade is held in place. Further tighten the nuts to the specified spring length (from ends of bushes) as shown in **table 2**.

Belt Width	Single Spring (mm)	Dual Spring (mm)
450	145	152
600	135	147
750	120	142
900	110	137
1050	110	132
1200	N/A	127
1400	N/A	122
1500	N/A	117
1600	N/A	112
1800	N/A	100

8. Test Run. With the cleaner installed in the correct position and all equipment and personal away from the conveyor, test run the conveyor and inspect the performance. If vibration occurs or more cleaning efficiency is required, make the necessary adjustments to the tensioning spring.

