

INSTALLATION INSTRUCTIONS FOR BELLE BANNE H TYPE BELT CLEANER

Always be sure to lock out the conveyor system before commencing work.

Step 1: Check the correct cleaner has been selected and supplied. Ensure the belt width and tip width is suitable for the application. Tips should never over hang the edge of the conveyor belt.

Step 2: Scribe a descending vertical line from the centre line of the pulley shaft.

Step 3: The X and Y co-ordinates are provided to locate the centre of the cleaner pole, as shown on the installation diagram. Use the table supplied or refer to the X and Y calculator tool. (Available by email). The Z dimension is a cross check, or allows you to rotate the cleaner to avoid any obstructions.

Step 4: Having established the correct centre point for the pole, this will position the cleaner at its optimum position, 15° below the centre line of the pulley and ensuring a 90° tip to belt contact angle. Select the cut-out dimensions from the table below and cut an opening, as shown on the installation diagram.

Step 5: Mark and cut the reverse side opening, and remove all sharp edges from the cut-outs.

Step 6: Re-establish the X and Y intersection. The mounting bracket will be installed a distance below the intersection mark and on a horizontal plane. For 60mm diameter poles, the distance is 62mm, and for 73mm poles, the distance is 72mm. Weld the mounting brackets in place on both sides.

Step 7: Pass the cleaner through the cut-out. Assemble the cleaner by first locating the mounting bracket on the pole and screwing them to the mounting brackets. Slide the adjuster arms onto both sides, and position up against the bearing assembly ensuring the adjuster arm is positioned over the adjusting bolt.

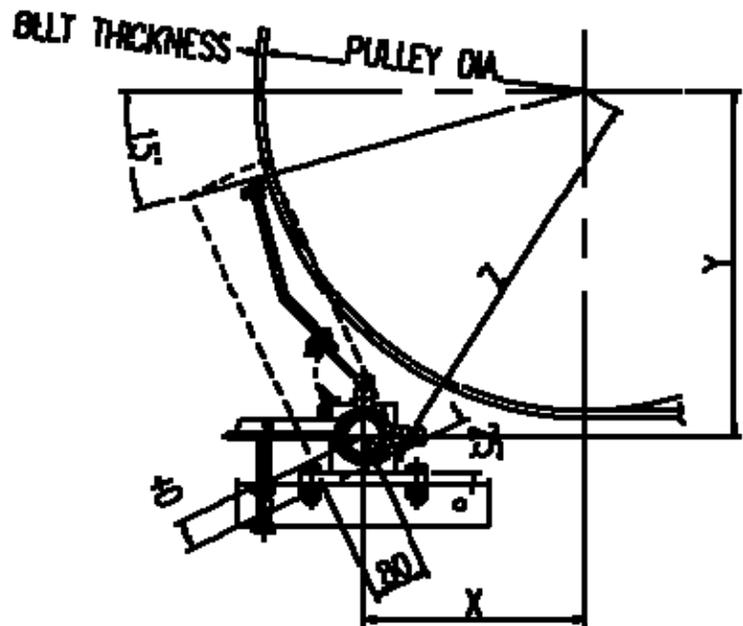
Step 8: Bring the tips into contact with the belt and lock the adjuster arm in the horizontal position, ensuring tips are horizontal and square to the belt surface.

Step 9: Pre-tension the cleaner to a loading of 8 kgs per 200mm tip width, by turning the adjuster bolt the prescribed times. (M12 2 turns; M16 2.5 turns)

Step 10: Test run and check loading with a spring scale. If vibration occurs, apply a small increase in tension, and check the blade to belt contact angle. Minor adjustments can be made by moving the cleaner in and out in the slots on the mounting brackets.

CUT OUT DIMENSIONS

Hole Size (mm)	SUSPENSION ARM				
	SS	S	M	L	LL
Vertical	350	400	450	500	600
Horizontal	120	120	120	120	140



	PIPE DIA	PIPE DIA. 60.5mm			PIPE DIA. 73mm		
		X	Y	Z	X	Y	Z
SS	250	35	301	303	30	306	307
	300	59	308	313	55	312	317
	400	107	321	338	103	325	341
	500	156	333	358	151	338	370
S	500	131	386	408	127	391	411
	600	179	399	438	175	404	440
	700	228	412	471	223	417	473
	800	276	425	507	272	429	508
M	700	212	459	506	208	464	508
	800	261	472	539	256	476	541
	900	309	485	575	305	489	576
	1000	357	498	613	353	502	614
L	1000	333	523	620	328	527	621
	1100	381	536	657	376	540	658
	1200	429	549	697	425	553	697
LL	1200	423	661	785	419	666	787
	1400	519	687	861	515	692	863
	1600	616	713	942	612	718	943
	1700	664	726	984	660	731	985