



BLOW OUT PREVENTION (BOP)

The spillage and dusting at the rear of the load chute is caused by the impact of the falling material. Most conveyor systems use a thick piece of rubber cut to the contour of the belt to combat this problem. The problem with the thick rubber is that as soon as it wears a little there is spillage and the problem returns and the rubber has to be adjusted. DCI has designed the BOP Box, which is more effective than conventional rubber and never needs adjusting.

The Blow Out Prevention (BOP) Box is mounted on the rear of the drop chute at the transfer point of the conveyor system. It prevents dust and material from blowing out the rear of the chute.

The BOP Box has an internal rubber seal that conforms to the trough of the belt creating a seal to keep dust and material contained inside the drop chute. It also prevents material from building up on the belt behind the drop chute by allowing the material to pass under the rubber seal. This is also beneficial if maintenance needs to shovel material back on to the belt for clean up.