The machine is required to have at least one conveyer belt. Even if we understand that this should be a standard requirement from an industrial perspective, the conveyer belt is generally slow, it should be, the point is to give the transported object enough time for it to be processed multiple times on its path , but in our situation the sorting process implies fast colour detection and a fast dynamic separation mechanism, fast enough to make the conveyer belt the slowest element in the sorting machine. We think that other, more dynamic methods would of been more efficient, speeding up the number of disc we could sort in a period of time, but then again the requiem is to have a conveyer belt, so it could be used unintuitively to do anything but move the discs, also we take our project seriously and would not resort to abusing this subtlety/ and we use the conveyer belt in a sensible way.