Singulator & Merging Conveyor Equipment Layout

Not to scale

1) **Singulator** advances food product (salami) one row at a time onto Merging Conveyor
2) **Merging Conveyor** centers product for presentation to Metal Detector
3) **Metal Detector** detects metal inside product
4) **Checkweigher** weighs product and stores information in an SQL database
5) **Divert** on Outfeed Conveyor rejects product that is out of weight tolerance
6) **Optional Divert** will reject packages containing metal (additional divert ensures workers know which packages contain metal)