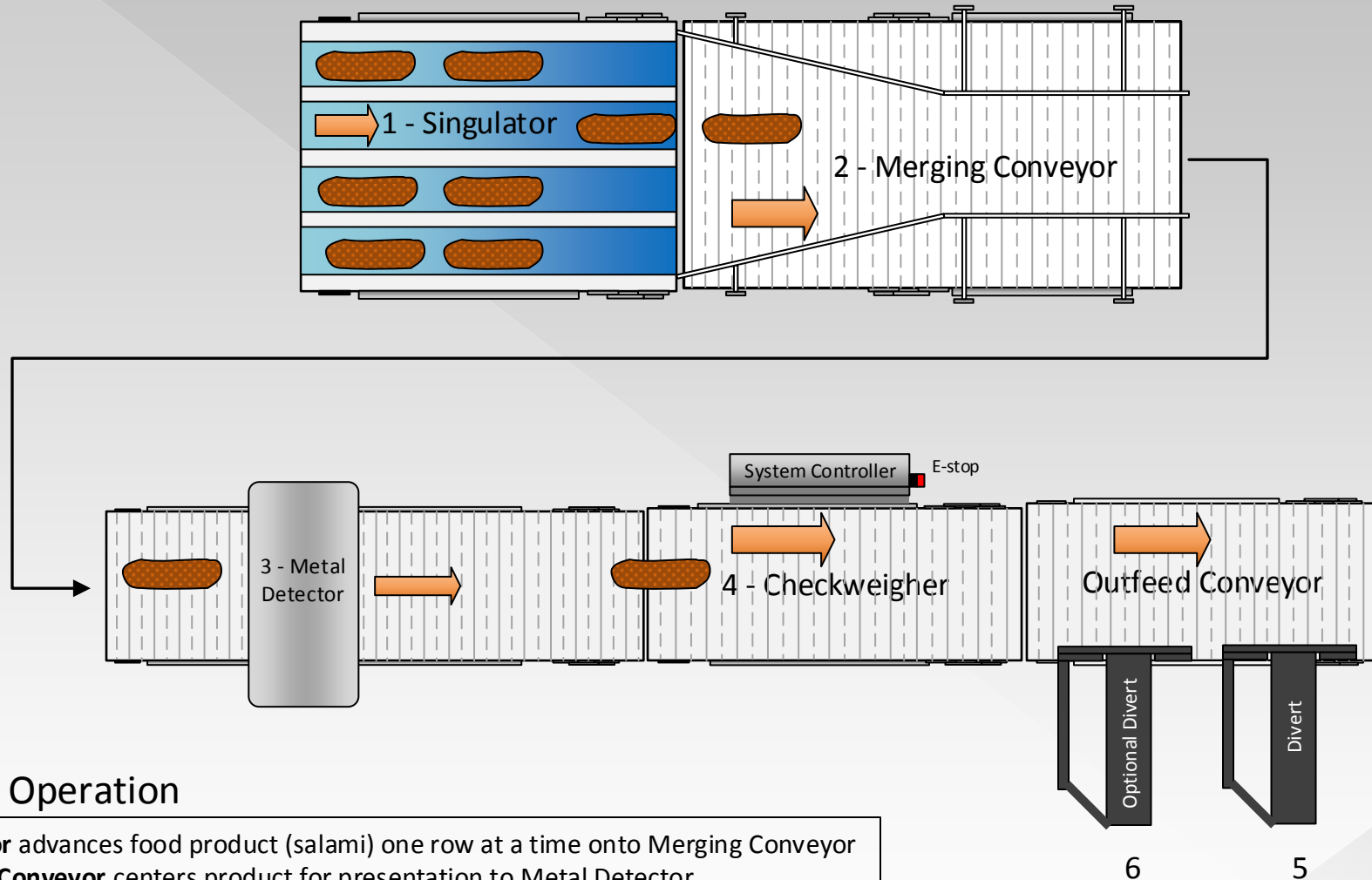


# Singulator & Merging Conveyor Equipment Layout

Not to scale



## System Operation

- 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)