FROM BURGER TO AUTOMATION: DRAWING PARALLELS BETWEEN UBER EATS AND AGV SYSTEMS

THE BURGER (AGV):



Just like when you order a burger, you can customize the ingredients based on your preferences—whether it's the type of bun, patty, toppings, etc.—an AIM Automated Guided Vehicle (AGV) can be fully customized per customers' needs. For example, it could be equipped with different load handlers like a fork attachment, clamp, or tugger, carry different size payloads, or various extra features to meet the needs of the application, just as you might choose different ingredients for your burger based on your specific cravings. Though AIM specializes in custom AGVs, to simplify our new partnership line, 'SIE Powered by AIM', there will be 4 standard vehicle options, or "burger types", to sell that meet a wide variety of customer's needs.







THE UBER EATS APP (AGV DISPATCH):

Uber Eats and AGV systems both rely on precise dispatch mechanisms to fulfill tasks efficiently. In Uber Eats, users order food delivery using the mobile app. Similarly, an AGV system relies on various dispatch methods like a call button, sensors, touch screens, or smart controllers to signal the AGV to pick up and deliver goods.

ORDER MANAGEMENT SYSTEM (FLEET MANAGEMENT SYSTEM):



In Uber Eats, the Order Management System working behind the scenes handles the flow of orders by routing them from customers to restaurants and then assigning them to delivery drivers for dispatch. Similarly, a Fleet Management System manages the movement of AGVs within a manufacturing facility, coordinating tasks such as routing, dispatching, and tracking the vehicles' progress. Both systems ensure that tasks are completed efficiently by overseeing the allocation of resources (drivers or AGVs), optimizing routes, and ensuring timely delivery of goods or services. The goal in both cases is to streamline operations and improve the overall efficiency of the delivery process.



