The Creform bolt-on AGV drive system consists of multiple modular components, including bolt-on drive systems, power sources and controls, magnetic tape guideway and accessories — components that are then combined with custom-configured cart designs to provide users with unique, application-specific solutions.

Carts and/or tuggers for the AGV system are configured to meet specific needs using the Creform® System of pipes and joints or fabricated steel and the bolt-on AGVs are attached underneath to mobilize them. Creform’s material handling specialists are available to support your design project and provide turnkey solutions if required.

Typical Route Patterns:

Single Loop
- Advantages:
  - Multiple AGV's
  - High density delivery

Double Loop
- Advantages:
  - Fewer AGV's
  - Reduced cost for long distances

Multiple Loops
- Advantages:
  - Multiple stations
  - Requires call system or traffic control

Back and Forth
- Advantages:
  - Single AGV
  - Limited space required
  - 360° turn capability

Rectangle Loop
- Advantages:
  - Space saving
  - 90° turn capability
  - Single and Bi-Directional unit

Split Travel Loop
- Advantages:
  - Split travel to keep AGV in same orientation
  - Smooth travel for longer frames
  - Bi-Directional unit

AGV MOVEMENT: