In a post-pandemic world where 37% of Americans use contactless delivery, the need for automated delivery is higher than ever. Quickdrop uses both ground and air transportation to deliver emergency medical goods directly to people's doorsteps. Our innovative transformer vehicle offers an affordable, quick solution to contactless delivery.

Quickdrop combines the advantages of the two existing solutions to contactless delivery: delivery drones and robots. The vehicle's air mode can traverse urban areas to avoid traffic, drastically decreasing delivery time, and its ground mode allows the vehicle to safely navigate populated areas to deliver small packages.

**Prototype V1**

**Ground Mode Configuration**

**Linkage System**

**Electronics Block Diagram**

**Hardware and Key Structures**

**Design Specs**

**Fabricated Model**

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