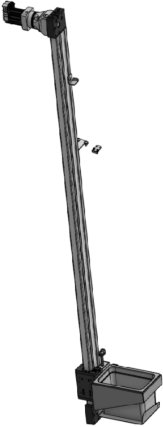
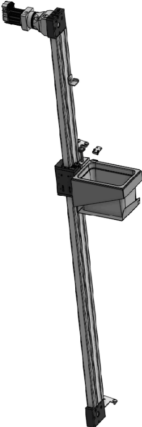






Dispenser Elevator system

Flippy has an elevator that transports food from the dispenser to the Elevator Bin. The Bin is moved up and down by a rail system.

 <p>Flippy's robotic arm grabs a basket and moves over to receive the product from the Elevator Bin.</p> <p>The Elevator Bin has a trap door on the bottom of the bin.</p>		 <p>Once Flippy is in position, the trap door opens and the product slides from the bin to the basket that is held by Flippy.</p> <p>If the bin is missing or inserted backwards, Flippy will create an alert on the UI and disable dispenser ordering.</p>	
POSITION: UP		POSITION: DUMP	
 <p>Door: closed Bin: in place Food: full</p>	 <p>Door: open Bin: in place Food: empty</p>	 <p>Door: closed Bin: in place Food: empty</p>	 <p>Door: closed Bin: missing Food: empty</p>