2 COMPONENTS - BOTH MOUNTED ON STRONG BACK

1. Rotates around can while cutting, support rollers roll around can.

2. Grips onto can, and flips 180° using a rotary actuator. This portion will be based on a modified version of last year's design.
Components

1. Rotating saw blade on a sliding linear actuator. w/ 360° pivot

2. Gripping arm with 360° rotational capability
DESIGN CONCEPT 3

EXISTING CUTTER

SIDE

ROTATING BASE

GRIPPING ROTATORS

ROTATING MECHANISM

TOP VIEW OF ROTATING MECHANISM

SOFT, GRIPPING ROTATORS

ROTATE CAN DURING CUTTER

ROTATING BASE TO FLIP CAN 180°

MAGNET TO LOCK ARMS TOGETHER