

Our robot is designed to clean your house with ease. It has the ability to remove dust from your floors and furniture, wash your windows, and cook your wieners. The robot's function is useful because it is simple to control and allows the handicapped and the elderly to clean with ease. It also makes chores enjoyable for kids. Our contraption is so versatile that you can take it on vacation in less than an 18 by 18 inch box and use its wiener attachment to cook your wieners and marshmallows when you go camping.

The robot itself is simple. A basic square chassis, a four wheel direct drive, and an arm that moves up and down with a claw at the end. The arm is powered by two motors and two gears, a big one and a smaller one. The arm is attached to an axle which is connected to the gears, and in turn, the motor. The attachment is connected to the end of the arm next to the claw which allows it to be maneuvered. The attachment can be taken off to let the claw be put to use and allows the robot to pick things up. The arm is held up by two supports with a crossbar at the top of them. The brain of the machine is located in the back of the robot on a platform directly above the battery. The platform is connected to the support beams to make the arm stable. The robot is controlled by a remote control.