

The Robo Cleaner 2.0 is a revolutionary new robot in the cleaning world. The Robo Cleaner runs a program to move around completely autonomously. The drive train is made up of a unique holonomic drive. All four wheels are mounted at 45 degree angles on the chassis. The drive is unique in the fact that each set of wheels is geared to be driven off of one motor. Mounted too the drive train is a series of intake rollers. These run constantly on the robot so that it can pull in larger messes that it encounters. Not only can it handle larger messes, but mounted to the bottom of the drive train is a custom Lexan plate that a micro-fiber cloth can be attached too. Some people might wonder, "What about things that have been left out on the floor?" Well, the Robo Cleaner 2.0 has just the tool. On the top of the drive train is a 2-point arm that is programmed to pick up any object it encounters. Too effectively move about, a series of sensors are mounted to the front face of the robot.

To run the robot, simply attach the basket to the back of the robot, place it in the room that you want it too clean, and press the start button. The robot can be set on a timer to clean for a certain amount of time or it can be set to run continuously.