

The future lawn mover

Robotic vacuum cleaners have been around for years now and are common in many of our homes. They now pack state-of-the-art fully autonomous navigation and object recognition. Robotic mowers are also already available but still provide basic functionalities.

They just mow the lawn.

The goal of this thesis project will include the investigation and the integration of different “sensing technologies” to autonomously assess lawn status, like growth problems related to fertilizer or watering and plant identification.



Gabe Ginsberg/FilmMagic; Mr_Twister/iStock