



360° laser scanner with SLAM* technology enables the robot to navigate dynamic terrain

An **onboard computer** reads data from sensors to navigate and plan its route

Wheel sensors measure rotations to help determine the robot's location



NO

Cleans as it goes

YES

GOOGLE DRIVERLESS CAR

VS.

NEATO DRIVERLESS VACUUM

GOOGLE DRIVERLESS CAR	FEATURES	NEATO DRIVERLESS VACUUM
25 mph	SPEED	.6 mph
200 yards, 360 degrees	DETECTS OBJECTS	15 feet, 360 degrees
No	PICKS UP DIRT AND PET HAIR	Yes
Uses Street View	MAPS	Makes its own maps
Not recommended	USE IT INSIDE YOUR HOUSE	Yes
Fits in your garage	SIZE	Fits under your bed
Yes	SEAT BELTS	Not required
SLAM* and ?	NAVIGATION	SLAM* and Botvision™
Yes	LASER DISTANCE SENSORS	Yes
Hopefully	CLIFF DETECTION	Yes - avoids all stairs
100 prototypes coming this summer	NUMBER OF UNITS AVAILABLE	Hundreds of thousands in use today
Unknown	CHARGING	Returns to its charging station all by itself
No	GLOVE BOX	Large dirt bin
No	STEREO	Speakers for audible alerts
Unlikely	WIGGLES INTO CHARGING STATION	Yes
Yes	WORKS WITH YOUR EYES CLOSED	Yes
Allowed in California, Nevada and Florida	LEGALITY	Legal everywhere

*SLAM: Simultaneous Localization and Mapping