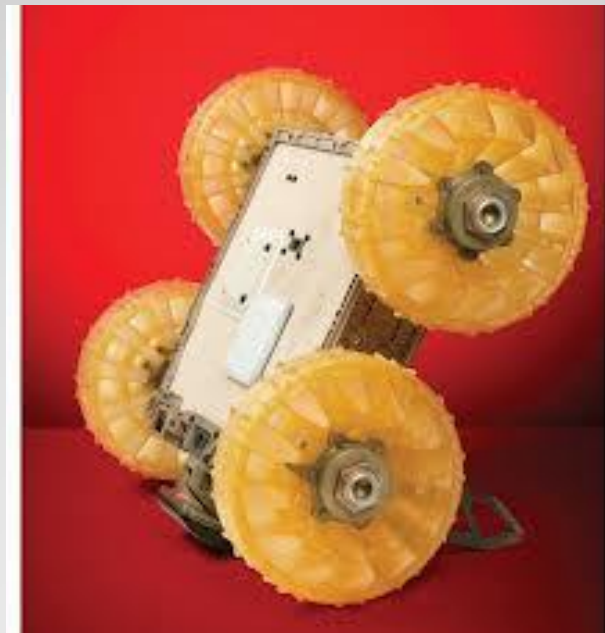


# I&R - ITIS PININFARINA



# SAND FLEA



<http://www.popsci.com/bown/2012/product/sand-flea>

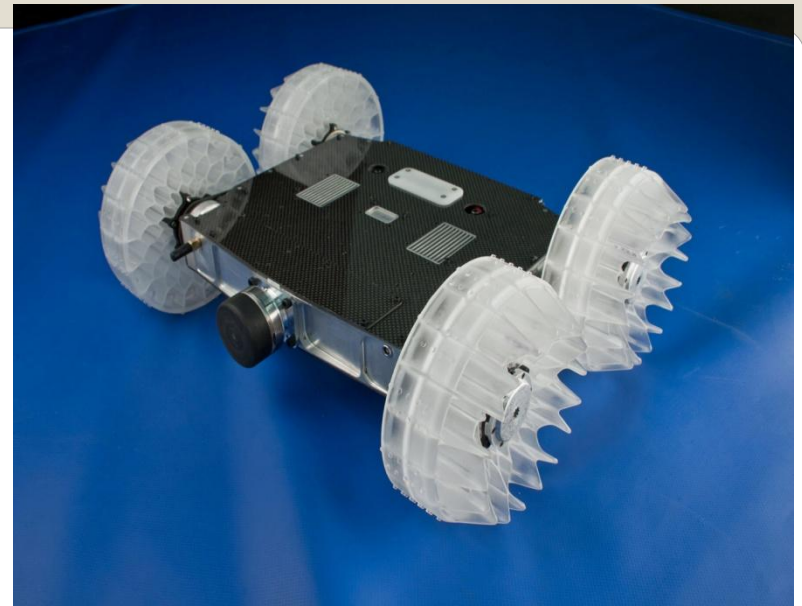
## SAND FLEA:

Sand Flea is an 11 pound robot that drives like an RC car on flat terrain, but can jump 30 ft into the air to overcome obstacles. That is high enough to jump over a compound wall or onto the roof of a house.



<http://www.coolest-gadgets.com/20120330/sand-flea-robot-jumps-namesake/>

Bibliography: [http://www.bostondynamics.com/robot\\_sandflea.html](http://www.bostondynamics.com/robot_sandflea.html)



[http://www.bostondynamics.com/robot\\_sandflea.html](http://www.bostondynamics.com/robot_sandflea.html)

The robot uses gyro stabilization to stay level during flight, to provide a clear view from the onboard camera, and to ensure a smooth landing. Sand Flea can jump about 25 times on one charge.