

WHAT'S
stem
GOT TO DO WITH IT?

The Showbot is driven by a gyroscopic, self-balancing platform that calculates its vertical position 100 times per second. To move, the upper half leans forward and a computer calculates how much speed it requires to stop from falling over. It's like a juggler balancing a ball on his forehead—positioning himself directly underneath the ball so it doesn't fall off his head. So basically the Showbot is the ball, and the gyroscopic platform is the juggler.

Showbot—all the elements of STEM in perfect balance.



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