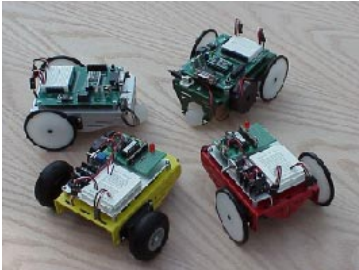


ROBOTICS

(<http://www.parallax.com/Store/Robots/tabid/82/Default.aspx>)

ROLLING ROBOT



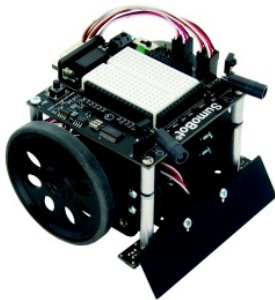
Boe-Bot® Robot is built on a high-quality brushed aluminum chassis that provides a sturdy platform for the servo motors and printed circuit board. Mounting holes and slots may be used to add custom robotic equipment. The rear wheel is a drilled polyethylene ball held in place with a cotter pin. Wheels are machined to fit precisely on the servo spline and held in place with a small screw.

Boe-Bot robot's flexibility stems from the fact that it's a rolling Board of Education® carrier board. All I/O projects are built on the breadboard. The Board of Education programming board (and BS2-IC) may be removed to be used as your platform for other projects in the Stamps in Class™ series. The robot may be programmed to follow a line, follow light, or roam autonomously while avoiding objects by completing the activities in the Robotics with the Boe-Bot text.

#28118 Boe-Bot Robot with Bluetooth Transceiver Module

#28832 Boe-Bot Robot Kit – USB Version

#28132 Boe-Bot Robot Kit – Serial (with USB adapter and cable)



SumoBot® robot is a competition-ready robot designed within the Northwest Robot Mini-Sumo Tournament rules. This little pusher will locate and knock its opponent right out of the ring while detecting the outside circle should an escape move be necessary. Here are the design specifications:

- Design based on Northwest Robot Mini-Sumo Tournament Rules
- Fits within a 10 cm x 10 cm square
- Weighs less than 500 grams

The electronics consists of a surface-mounted **BASIC Stamp® 2 module**, infrared sensors to detect your opponent and the edge of the **Sumo Ring**. The hardware package includes the black anodized aluminum chassis and scoop, servo motors, wheels, 4AA power pack (batteries not included) mounting standoffs and screws. The documentation takes you from basic moves to one-on-one combat.

More detail information please contacts us:

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