

ROBIX

ROBOTS FOR EDUCATION

ROBIX

THAT'S ALL WE MAKE.
IT'S WHY WE'RE #1 IN:

CUSTOMER SATISFACTION

"THE MOST USER-FRIENDLY TEACHING EQUIPMENT FOR STUDENTS I'VE EVER USED."

-- THIS AND MANY MORE USER QUOTES ON BACK--



PERFORMANCE



TWO-TIME GRAND PRIZE WINNER,
SOCIETY OF MANUFACTURING ENGINEERS STUDENT NATIONALS

NOW! INNOVATION NEW!

CONTROL MULTIPLE ROBOTS FROM ONE COMPUTER
OR REMOTELY OVER YOUR NETWORK
IN WINDOWS® 7, 8, 10

★
INTRO TO COMPUTER-
CONTROL OF MACHINES W/
FRIENDLY "TEACH" MODE

RANGE

LETS STUDENTS WORK
AT ANY LEVEL DESIRED...

...USING A SINGLE ROBIX™ RASCAL TO
BUILD ALL THESE ROBOTS, AND MANY MORE

★★
PROBLEM SOLVING AND
PROGRAMING
WITH MACROS

★★★
MULTI-ROBOT SYSTEMS

★★★★
C++, VISUAL BASIC AND
SENSOR INPUTS FOR THE-
SIS-LEVEL WORK



MIDDLE
SCHOOL



HIGH
SCHOOL



COLLEGE / UNIVERSITY
& POST-GRADUATE

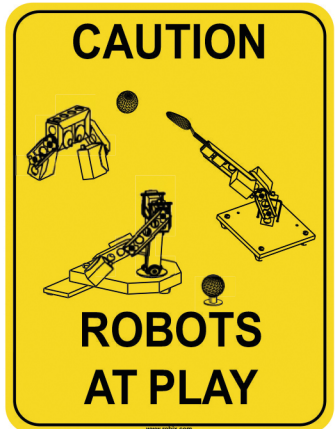
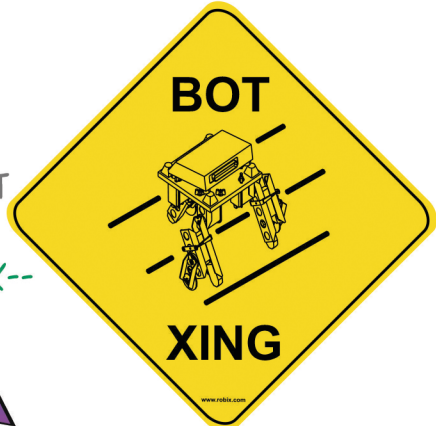
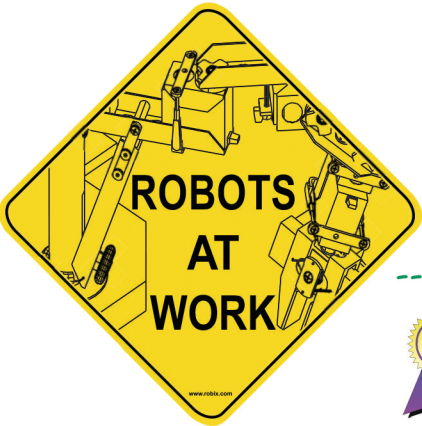


THE **Rascal**
ROBOT CONSTRUCTION SET

BY ROBIX



"I'm delighted with the product!
Masterful!"
Scott Robbins
Technology Teacher, Winship JHS



A COMPLETE PACKAGE

AN EXCEPTIONAL VALUE

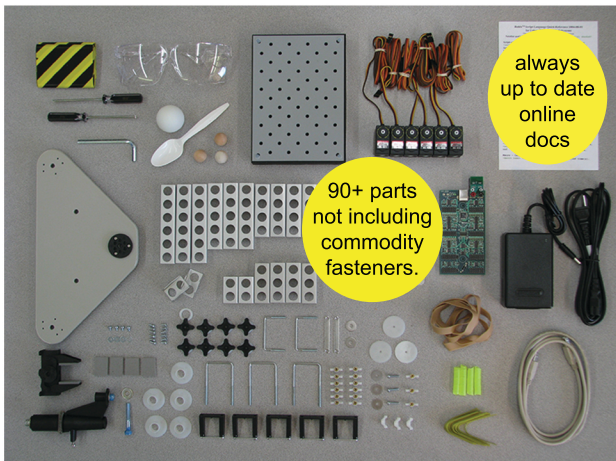


At Middle School through University, an effective, highly motivating tool with applicability to classes in:

- * Machine Control by Computer intro / intermed
- * Computer Programming intro / interm / advanced
- * Introduction to Technology
- * Problem Solving with Machines intro / intermed
- * Automation Issues & Techniques intro / intermed
- * Industrial / Machine Design intro / intermediate
- * Electronics / Microprocessors adjunct exercises
- * Robotics intro / intermed / advanced / thesis-level

"I've used the Rascal robot set since Jan 2011. It is reconfigurable and can be casually operated with little knowledge... I recently ran into a glitch with the Rascal going from Win XP to Win 7 and emailed for support. Robix promptly resolved the issue."

**Dr. Sadiq, A., Associate Professor, CIM Lab
TKM College of Engineering, Kollam, India**



always up to date online docs

90+ parts not including commodity fasteners.

motion scripting is teach-generated & user-editable

independent < control of multiple > robots

macros for looping, nesting, modularization

map physical < components to > logical robots

user-selectable servo parameter display

live display of analog and switch readings

"We purchased two Rascal systems last month and want to order another. My class of 12 Industrial Electronics students are so enthusiastic about it that they are working overtime and I don't want to slow them down."

**Jim Richerson, Associate Professor of Electronics
Blue Ridge Community College
Weyers Cave, Virginia**

"I teach Machine Design in the Industrial Tech Department at Illinois State University and I wanted you to know how much we have enjoyed your Robix™ Rascal kits... Your kits have been getting quite a lot of press as Illinois State, Southern Illinois University and Illinois Wesleyan are all using them."

Harry McBurney, Illinois State

"The most user-friendly equipment and learning info for students that I have ever used."

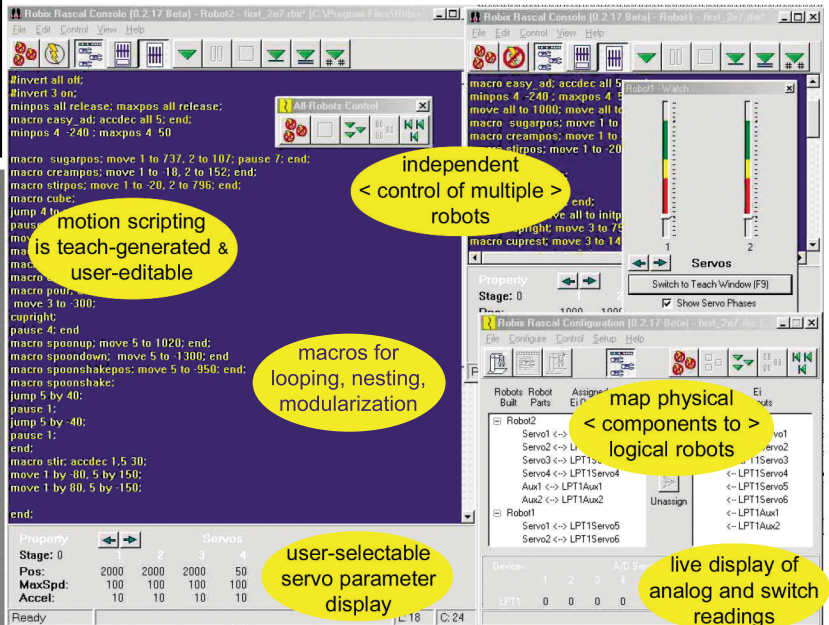
**Dennis Skurulsky, President
Wisconsin Technology Education Association**

"Our students have really enjoyed working with your kit. It has given our small-town, very rural students a chance to see technology from a new perspective."

**Larry White
Technology Coordinator/Teacher
Sterling City High School, Texas**

"I have ordered Robix sets few months ago. Now I want to order TWO more Robix sets asap."

**Igor Dimovski, MIKROSAM
A.D. 7500 Prilep, Macedonia**



The Rascal Hardware includes everything needed to work with your Windows 7, 8 & 10 PC. And use your network for remote operation!

The Rascal comes with 6 servomotors, controller with 8 channel 8 bit A/D; power supply; 18 custom extruded, machined and anodized aluminum "links" (~5' total); steel/nylon joints, clamps and guides; "arm" and "bread-board" construction bases; parallel-jaw gripper/wrist assembly; all needed tools, safety glasses and safety tape; power, usb cable; "props" for robots to manipulate; 80+ page manual including 25+ pages of illustrated projects plus 40+ minutes of video and fully networkable software, all online; and a rugged compartmented poly tool case that stores it all.

The Rascal Software lets students work at their own level, Middle School through University:

Level: Functionality added:

- 1 **Beginner's Teach Mode: No Typing. For MS.**
- 2 **Macros for easy Loops and Nesting. For HS.**
- 3 **Shared, Networked Controller saves you \$.**
- 4 **Links to LabVIEW® for HS & Thesis Work**

And All of this software is included with every set, with more in development for free download when ready.

See the set in action and in detail before you buy www.ROBIX.com

**Robix, PO Box 35217, Tucson, AZ 85740, USA
tel: 520 544 2390 fax: 520 575 0703
support@robix.com**



Also available through:

Rascal R&D is continuous. Specifications may change without notice.

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