



(Photos are indicative only)

Features

- Educational robotics construction kit offered for teaching **robotics, programming, and engineering design** through hands-on model building and project-based learning
- Modular, safe, and reusable system enabling multiple robot configurations, programmable control, motorized movement, and long-term classroom use

Technical Specifications (Approx.)

Parameter	Offered Specification
Intended Use	Robotics, programming, and engineering education
Number of Components	Approx. 400 or more parts
Number of Assembly Models	Approx. 12 or more robot models
Robot Types Supported	Stationary and mobile robots (wheeled, tracked, walking configurations)
Structural Elements	Modular elements made of durable plastic, wood, or metal, with safe coating and no sharp corners
Reusability	Designed for repeated assembly and disassembly without functional degradation
Mechanical Elements	Includes gears, shafts, pulleys, fasteners, hinges for functional mechanisms
Controller	Microcontroller provided
Programming Support	Visual environments (Scratch, Blockly) and text-based languages (Python, C++ or equivalent)
PC Connectivity	USB and/or wireless connectivity (Bluetooth / Wi-Fi)
Executive	Approx. 3 or more motors and/or servo drives

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Parameter	Offered Specification
Mechanisms	
Touch Components	Approx. 4 or more touch elements
Expandability	Supports connection of additional modules
Power Supply	Replaceable and/or rechargeable batteries
Battery Autonomy	Approx. 60 minutes or more of continuous operation
Charger	Included
OS Compatibility	Compatible with commonly used teacher and student operating systems (windows)
Software	Free software or software included with the kit
Storage	Plastic container provided for component storage
Educational Content	Instructions and teaching materials with step-by-step tasks
Projects Included	Approx. 50 or more robotics projects aligned with model curricula

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