

HamiltonBuhl® Edison Educational Robot Kit



K-12
Grade

EDIBOT

These LEGO®-compatible educational robots are clean, safe, reusable, expandable and robust, providing students across grade levels, from ages 5+, with a range of combinations and possibilities. Along its faces are LEGO®-compatible plates that allow Edison robots to be scaled up into sophisticated creations, combined and doubled up for a more complicated system.

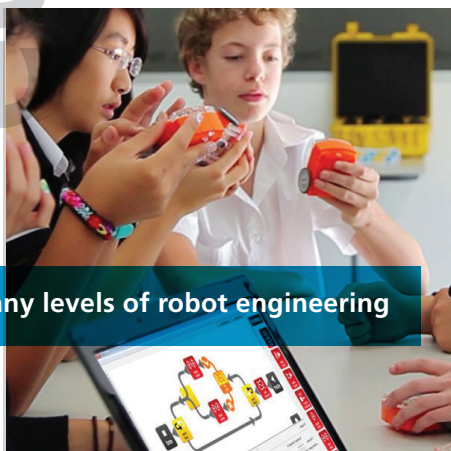
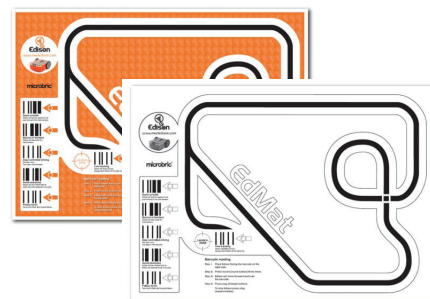
Each Edison robot features a host of sensors and can be programmed using a growing number of free software applications:

- EdBlocks is a fully icon-based robot programming language that is super easy to use. A drag-and-drop block-based system, EdBlocks is intuitive and fun, even for younger users. Perfect for introducing anyone to programming, Ideal for students aged 8 to 12.
- EdWare – graphic robot programming software for the Edison Robot, using drag and drop graphical icons making programming fun and easy to learn! Available for Windows, Mac, Linux, iOS (iPad), Android and Chrome
- EdPy – the easy to learn, high readability and very popular Python programming language. EdPy teaches a real life programming language and makes text-based programming fun and easy!

Each programmable Edison robot interacts with the world via infra-red (IR) transmitters and receivers, line tracking, barcode reading, playing sounds and music, plus sound detection. It's also equipped with two motors with variable speeds, left and right red LED lights and three control buttons.

One Edison can communicate with another over IR, with the units also able to be programmed by and controlled with TV and DVD remotes.

Each bot is powered by 4 "AAA" batteries (included).



Many levels of robot engineering

**HB Hamilton
Buhl®**
Never-Ending Learning Innovation

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edison robots

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Why Edison from HamiltonBuhl®?

These LEGO®-compatible robots are designed to provide learners with an opportunity to experiment and grow their knowledge, explore their imagination, cultivate their innovativeness and have fun without expensive tools and excessive investment.

- Affordable and available in single or value-packs each for a full class set
- Programmable – Free open source graphical programming software
- LEGO® compatible – Modular and easily expandable
- Easy to use – With many pre-programmed functions activated by barcodes
- Remote control – Learns commands from TV/DVD remote controls
- Suitable for all ages – From K-12 Grades
- Built to last – rugged and tough, can withstand a car driving over it and still function!
- Scan cards for easy basic programming
- Free Robotics Education Lesson Plans

EDIBOT-1 – 8.1" x 6.5" x 4.6", 1 lb.

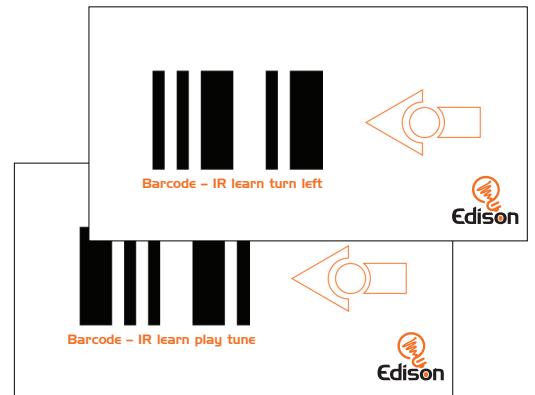
EDIBOT-2 (2-Pack) – 8.1" x 6.5" x 4.6", 1.2 lbs.

EDIBOT-3 (3-Pack) – 8.1" x 6.5" x 4.6", 1.5 lbs.

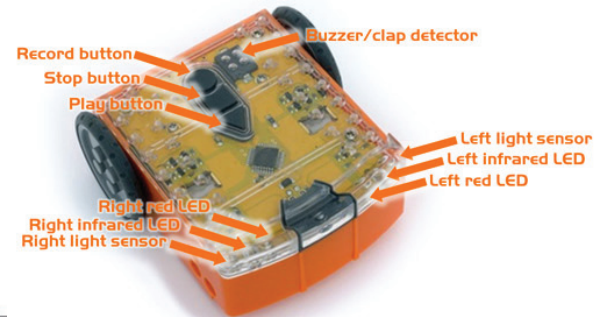
EDIBOT-10 (10-Pack) – 10" x 8.25" x 6.5", 3.2 lbs.

EDIBOT-20 (20-Pack) – 12.2" x 9.6" x 8.25", 6.7 lbs.

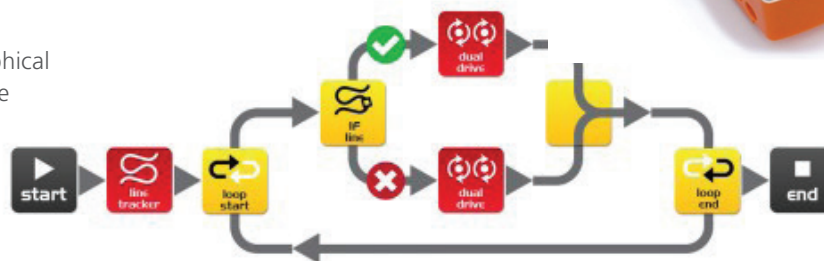
EDIBOT-30 (30-Pack) – 12.2" x 9.6" x 8.25", 9.7 lbs.



Scan cards



Free open source graphical programming software



Caution: Possible choking hazard. Not for children 3 years and under.



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