

Meet Otto

Start your robotics journey today

Create.

Connect.

Code.

From first steps in coding to advanced robotics, Otto helps build skills in engineering, electronics, and design thinking, all through one fully customisable robot platform that promotes STEM learning.



Built for Learning at Every Level

Otto grows with your students. Start with the fundamentals of coding and robotics, then progress to more advanced builds, including humanoid designs and enhanced functionalities using sensors, displays, and movement systems.

Hands-On, Engaging STEM Learning

Interactive features allow Otto to respond to its environment, helping to develop problem-solving, creativity, and real-world STEM skills in an engaging, memorable way.

Flexible & Classroom-Ready

No 3D printer required. The Otto Builder Kit includes all core components and a pre-made robot shell, so students can get started straight out of the box. Step-by-step manuals support both teachers and learners throughout the build.

Expandable Ecosystem

Extend learning even further with optional HP filament and expansion packs, compatible with standard desktop FDM 3D printers using FastPLA, ideal for schools looking to integrate design and manufacturing into their STEM curriculum.

HP Filaments and expansion packs are sold separately.

HP Robot Builder Starter Kit

- Easy to assemble, with no soldering required
- Kit contains: Electronic and 3D printed parts to build a robot
- Suitable for children over 8 years
- Educational tool for programming and more
- Builds skills in Design, 3D printing and programming
- Kit supplies everything needed to build a fully functional robot



Code	Description
1001797	Starter Kit

HP Robot Otto Expansion Interact Builder Kit

- Otto robot expansion kit for use with the Starter Kit (sold separately)
- Control the Otto robot with modules
- Push Button: Execute quick commands effortlessly with the push of a button
- Rotational Knob: Adjust brightness, speed levels, and more for precise control
- Step Rotation Input: Fine-tune multiple variables and codes with precise step rotation
- Proper Acceleration Measurement: Measure robot's acceleration to create diverse reactions and engaging games



Code	Description
1001799	HP-RO INTERACT B



HP Robot Otto Expansion Emote Builder Kit

- Otto robot expansion kit for use with the Starter Kit (sold separately)
- Allows self-expression to give an Otto robot its personality
- Show emotions: Swap to an OLED screen to display faces, data, messages, numbers, games, and more
- Colourful graphics: Enjoy visuals with a Colour LED matrix for RGB retro pixel graphics, emojis, mouths, light effects, and scrolling text
- Play sounds: Utilize the MP3 player with integrated buttons and a switch for direct control of voice and music files
- Voice Interaction: Give Otto robot a voice to talk or sing



Code	Description
1001800	Emote Builder Kit

HP Robot Otto Expansion Sense Builder Kit

- Otto robot expansion kit for use with the Starter Kit (sold separately)
- Sound Sensing: Otto robot will react to noises and claps
- Temperature and Humidity: Climate Duo will allow the Otto robot to measure the temperature and humidity in the environment
- Light Intensity: Detect and measure light levels, whether from natural sunlight or flashlights
- Movement Detection: Detect rotation movement on the robot or even when you shake it
- Activate Otto's senses with sensors and explore the environment



Code	Description
1001798	Sense Builder Kit



For further information please contact your Banner account manager or email SalesBannerStoke@BannerUK.com

