



Génération Robots

(<http://www.generationrobots.com/>)



Poppy Ergo Jr with 3D printed parts

Un produit HumaRobotics (http://www.generationrobots.com/?id_manufacturer=103&controller=manufacturer)

Reference: A-000000-020:

4 product



(<http://www.generationrobots.com/>)

Pre-order your Poppy Ergo Jr today!

Poppy Ergo Jr, a robot from the Poppy range, was developed by the Inria Flowers team for educational purposes. It's a small robotic arm with 6 degrees of freedom and interchangeable ends.

>> [Read more](#)

299,00€

Including 0,06€ for ecotax

QTY : 1

MORE INFO

The **Poppy Ergo Jr** robot arm belongs to the same family as Poppy Humanoid (<http://www.generationrobots.com/en/278-poppy-humanoid-robot>) and Poppy Torso (<http://www.generationrobots.com/en/281-robot-poppy-torso>) released in 2015, which have already begun to conquer the world of research and education (<http://www.generationrobots.com/blog/en/2016/04/poppy-an-educational-robotics-platform/>)!

The Poppy project

Poppy is an open-source platform for creating, using and sharing interactive robotic objects. It's aimed at both beginners and experts in the fields of education, science and art as well as robot makers in general.

It was designed as a tool for learning, creating and sharing ideas and technologies relating to all things digital.

The Poppy technology platform comprises open-source hardware models (CC-BY-SA) and an open-source Pypot software library based on the Python programming language.

There's also a dedicated online community where all users can access documentation, tutorials, software and simulators and help improve the platform: <http://www.poppy-project.org> (<http://www.poppy-project.org>).



Poppy is a technology platform for creating all types of creatures and other robots. The Poppy project's founders have so far invented three creatures, but you can also design your own robot using the platform. The three creatures are:

Poppy Humanoid (<http://www.generationrobots.com/en/278-poppy-humanoid-robot>)

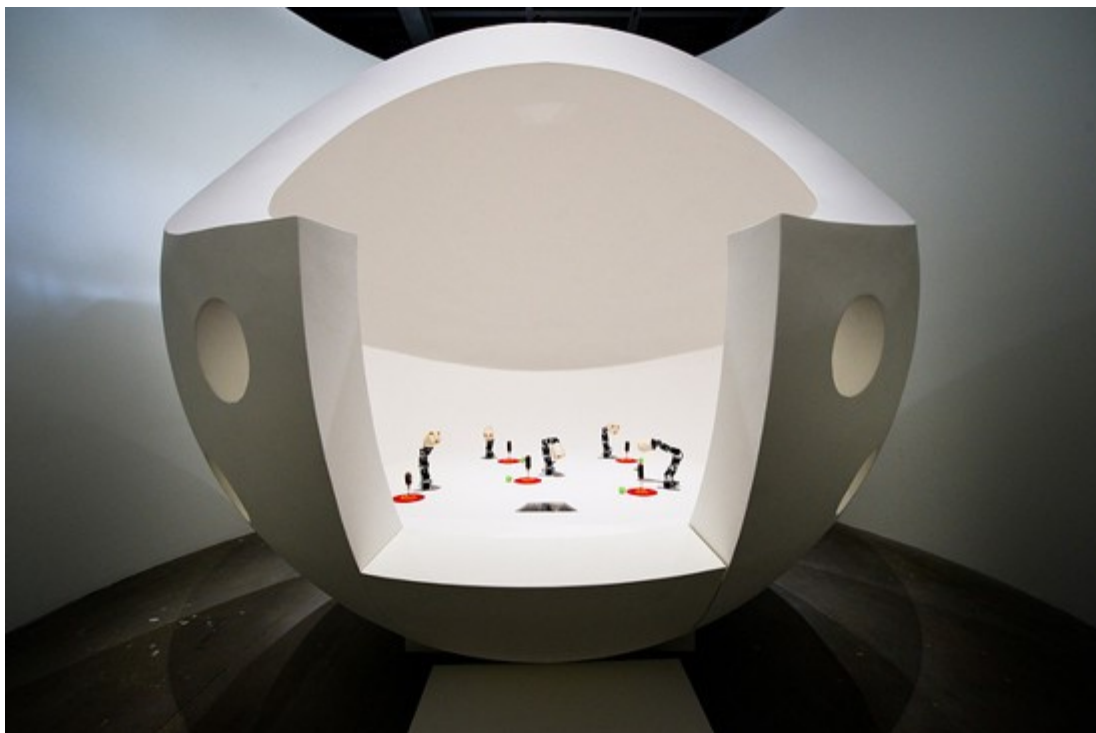
Poppy Torso (<http://www.generationrobots.com/en/281-robot-poppy-torso>)

Poppy Ergo Jr ([/en/328-poppy-ergo-jr-robot](http://www.generationrobots.com/en/328-poppy-ergo-jr-robot))



Overview of Poppy Ergo Jr

Poppy Ergo Jr is the Ergo robot's younger brother, developed initially for the Mathematics: A Beautiful Elsewhere (<https://flowers.inria.fr/robots/ergo-robots-fr/>) art/science project. Born of a partnership between the Inria Flowers team, Labri and film director David Lynch (Dune, Mulholland Drive, Elephant Man), the experiment was aimed at exploring artificial curiosity and language discovery in robots.



The “Mathematics: A Beautiful Elsewhere” art/science project

The Poppy project first was conceived in the Inria Bordeaux Sud-Ouest Flowers laboratory (<https://flowers.inria.fr/>), a flagship French research centre specialising in information technologies.

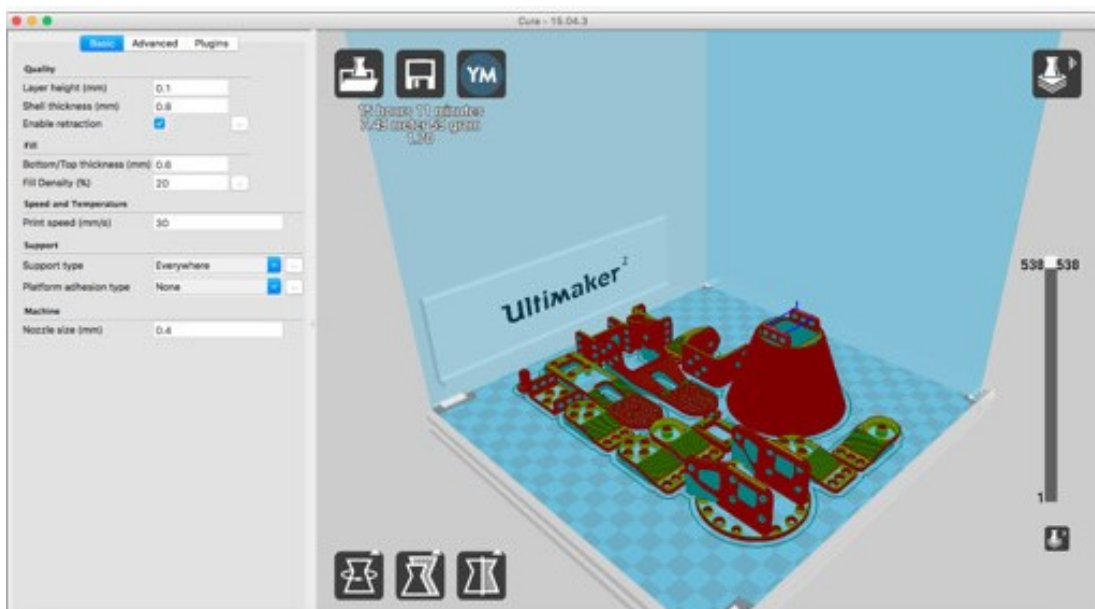
The Poppy Ergo Jr kit

The Poppy Ergo Jr Kit, less expensive than the Poppy Humanoid robot, familiarises users with the Poppy technology platform and introduces them to its open-source universe. The Poppy Ergo Jr robot kit **comes with an activity booklet and some building instructions**.

It includes 6 Dynamixel XL-320 servo motors, used commonly in research prototyping and robotics projects, controlled by a Pixl board.

This version comes with 3D-printed parts, but you will also find a Poppy Ergo Jr kit without 3D parts (</en/402386-poppy-ergo-jr-without-3d-printed-parts.html>) on our website if you'd rather print the 3D parts yourself! You'll find the STL files on the Poppy forum (<https://forum.poppy-project.org/t/projet-design-ergo-robot/1890/3>).



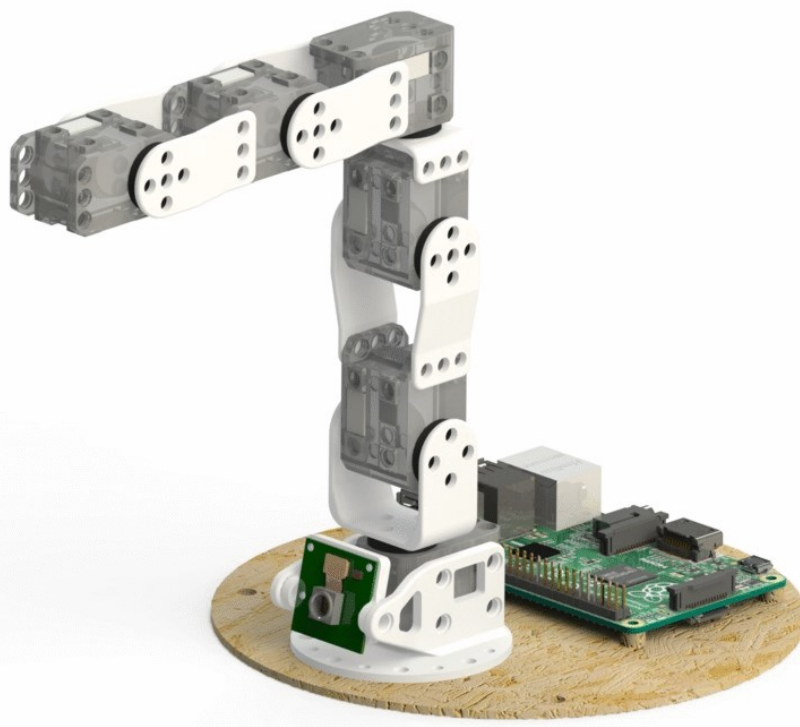


You can print the 3D parts yourself!

You can customise the end of the Poppy Ergo Jr arm, and the kit comes with several interchangeable accessories: a lampshade, a gripper and a pen holder.

In the STL files, you'll find several different ends for the Poppy Ergo Jr arm: a lampshade, a gripper and a pen holder.

Because Poppy Ergo Jr is an open-source robot, you can of course create and adjust your own 3D-printed (</en/233-3d-printers>) end according to your project!



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