



Resource Reservoir

Repositories and Platforms for 3D Models.

While numerous online repositories offer a wealth of 3D printer models for assistive technology, it's important to recognize that each model should be considered unique.

The effectiveness and suitability of a model can vary significantly based on individual user needs, specific project requirements, and personal preferences.

Even though these platforms provide a broad range of designs, adaptations and customizations are often necessary to ensure that the final product is truly beneficial and functional for its intended user.

Each user's requirements and context can differ widely, making it crucial to approach each model with an understanding of its potential need for adjustments or refinements.

Thingiverse

Website: <https://www.thingiverse.com/>

Description: A large repository of user-uploaded 3D models, including many for assistive technology. You can search for specific types of assistive devices or browse collections.

PrusaPrinters

Website: <https://www.printables.com/>

Description: A community-driven site with a collection of 3D models, including assistive technology designs. It's linked to Prusa 3D printers but includes designs compatible with other printers as well. There is a category designated as "Healthcare".

Cults3D

Website: <https://cults3d.com/>

Description: Provides a repository of more than 1.7M 3D models, with a section dedicated to medical and assistive technology. There are both free and paid models available.

NIH 3D Print Exchange

Website: <https://3d.nih.gov/>

Description: A repository of 3D printable models related to healthcare, including assistive devices and medical tools. Managed by the National Institutes of Health.

Makers Making Change

Website:

<https://www.makersmakingchange.com/s/>

Description: offers a repository of open-source designs specifically aimed at improving accessibility and independence for individuals with disabilities.

TechOWL

Website:

<https://techowlpa.org/maker-catalog/>

Serves as a repository that will gather interesting AT projects from various sources.

MyMiniFactory

Website: <https://www.myminifactory.com/>

Description: Offers a variety of 3D models, including assistive devices. The site often features designs by professional creators and engineers. The website is not user friendly when looking for resources.