Printables
by JOSEF PRUSA

DRAG | Assistive Writing and Drawing Device

▽ **PrintLab**

VIEW IN BROWSER

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Summary

An assistive device that enables users to write or draw without having to form a tight closed grip with their fingers.

Healthcare > Home Medical Tools

Tags: pen   mouse   penholder   drawing   writing   arthritis   assistivedevice

DRAG is an assistive device that enables users to write or draw without having to form a tight closed grip with their fingers. Simply rest your hand on the ergonomic mouse-shaped body, then press and DRAG. The device is suited for people with arthritis or other hand mobility issues that cause pain or discomfort when writing or drawing. Its symmetrical design also caters to the needs of both left and right-handed users.

DRAG is being released as an open-source concept. Our aim is to work with individuals and disability organisations such as Makers Making Change and TechOWL, not only to share and distribute the device, but to gather feedback and make improvements over time. If you get chance to test the device, please do let us know your thoughts by emailing hello@weareprintlab.com.

In addition to the 3D print and design files, we have also developed a maker guide and step-by-step assembly instructions to make it super easy for anyone to make and use the device. These are available in the Files section.

Finally, if you'd like to see the design process we took for this model, check out the video below:

We hope you enjoy the device and we look forward to your feedback.

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About PrintLab

PrintLab is an online learning platform dedicated to fostering creativity through 3D printing. Our mission is to go far beyond teaching people how to become operators of 3D CAD software and 3D printers. We aim to equip them with the skills to become impactful designers, capable of creating one-of-a-kind products that bring delight to themselves and the world around them.

Learn more and start a free trial of PrintLab: https://weareprintlab.com/

Join our yearly assistive technology design challenge, hosted in collaboration with Autodesk: https://www.makeablechallenge.com/

Model files
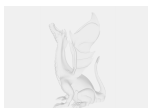

left.stl

centre.stl

right.stl

drag.f3d

Other files

drag-maker-guide.pdf

drag-assembly-and-usage-instructions.pdf

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