Printables by JOSEF PRUSA

DUMMY 13 Printable Jointed Figure (BETA FILES)

soozafone

VIEW IN BROWSER

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Summary

Another new addition to the Lucky 13 family. A work in progress, but ready enough to print.

3.24 hrs	1 pcs	0.15 mm	0.40 mm	ASA	22 g	Prusa MK4

Toys & Games > Action Figures & Statues

Tags: toy figure articulated snapfit poseable actionfigure lucky13

HUGE UPDATE 9/13/2024: Dummy 13 v1.0 is now available!

Check out the new and improved version of Dummy 13 here.

This page will keep the previous beta files to ensure that no one's remixes are broken.

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Please help me build my identity as a creator by referring to this design by its original name. **Don't pass off my work as your own product.** Too many people are doing that already!

If you love Dummy 13, I hope you'll consider making a one-time donation:

PayPal | Stripe | Buy Me a Coffee

Your support means the world to me.

Please read before printing:

This is a work in progress. It has been collecting virtual dust while I work on other projects, so I've decided to release it now in a “beta” state.

I don't have a timeline for when the final version will be finished, but the current files are fairly complete - just lacking some perfectionist polish. Please understand that there is some room for improvement here. I welcome your feedback to help make this design the best it can be.

What's finished right now: Design of all parts, except for minor tweaks based on feedback. Basic instructions.

What's not finished: Parts on runners for better adhesion without brims. More detailed instructions. Fusion 360 and STEP files for club members (please note that these will not be available until the design is finalized). Any updates based on feedback.

Can I sell it? Yes, Dummy 13 is distributed under a CC BY 4.0 license that allows commercial use, provided that you give proper attribution.

If you'd like to say thanks and help support future development, you can make a one-time donation here, here, or here :)

Introducing Dummy 13!

(...working title.)

This is another variant on Lucky 13, and I actually started designing it before Mini 13 or Easy 13. As you can probably tell, my goal here was to bring some more humanlike proportions to the figure, while also improving the way everything fits together.

My hope is that this will be an easier print than the original Lucky 13, though still a step up from Mini and Easy.

Printing

As with the original, Dummy 13 is made up of an inner "frame" with a layer of “armor” over top. You can use the material of your choice for the armor, but you should print the frame with a strong and sturdy material like ABS, ASA, or PETG. I mostly use ASA.

PLA is not recommended for the frame. If you print the frame in PLA and complain that it broke or went floppy, I'm going to be like, “yeah dude, I told you not to.”

All parts print without supports and you should not need to reorient anything. **Bed adhesion is the toughest part of this print.** For better adhesion try slowing down your first layer, printing external perimeters first, and adding a brim if needed. Use 0.15mm layers (0.2mm first layer).

You can use the included 3MF files with pre-plated parts, or arrange the individual parts yourself. If a part starts with “2x” or “4x,” print that many copies. There are also a couple extra bits (a simple staff accessory and an adapter for the display base) that are included separately.

Recommended print settings (100% scale, 0.4mm nozzle)

Material	Frame parts	ABS, ASA, or PETG
	Armor parts	Any
Layer height	First layer	0.2 mm
	Other layers	0.15 mm
Infill		20% rectilinear
First layer speed		25% of default
Elephant foot compensation		0.15 mm
Supports		None
Brim		As needed (depends on bed adhesion)

Additional settings	☑ Print external perimeters first

Assembly

Follow this video for assembly instructions. Pay attention - some parts look very similar!

Customizing

Dummy 13 should be compatible with most handheld accessories made for my other designs. Check out Lucky 13's remixes page for a good starting point!

A word on frustration...

I occasionally get comments on my designs from people who have “tried everything” to get a good print, with no luck, and want to let me know how I've ruined their life.

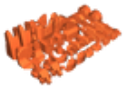
I get it - you found a really cool model, you were really excited to try it, but there are so many little parts and things keep going wrong. If you find yourself here, please wait a moment before leaving a nasty comment. I'm a human too. Pause and proceed with kindness.

But please do leave a comment! Tell me exactly how things went wrong and what isn't working. Make suggestions. I want to make this design the best it can be, and that means listening to your feedback. Be constructive and I'll be receptive.

Thanks, and happy printing.

Model files

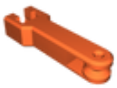
Plated parts (3MF) 2 files



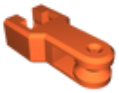
all-armor-parts.3mf

all-frame-parts.3mf

Individual frame parts (STL) 20 files



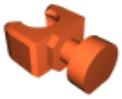
2x-frame-thigh-v9.stl



2x-frame-upper-arm-v9.stl

4x-frame-knee-elbow-v9.stl

2x-frame-shin-v10.stl



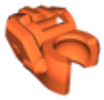
4x-frame-hip-shoulder-v3.stl

2x-frame-forearm-v9.stl

frame-abdomen-v6.stl

frame-chest-v7.stl

frame-waist-v6.stl

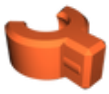


frame-hand-grip-left-v8.stl

☐ mirror this part in your slicer for the right hand

frame-head-v5.stl

2x-frame-clavicle-v3.stl



2x-frame-ankle-v4.stl

frame-hand-open-left-v5.stl

☐ mirror this part in your slicer for the right hand

frame-hips-v3.stl

frame-hand-fist-left-v2.stl

☐ mirror this part in your slicer for the right hand

frame-neck-v9.stl

frame-hand-open-right-v5.stl

because no one knows how to mirror parts in their slicer

frame-hand-grip-right-v8.stl

because no one knows how to mirror parts in their slicer

frame-hand-fist-right-v2.stl

because no one knows how to mirror parts in their slicer

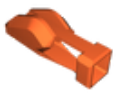
Individual armor parts (STL)

16 files

2x-armor-toe-v9.stl

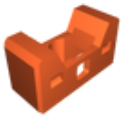
2x-armor-thigh-v27.stl

2x-armor-upper-arm-v14.stl



2x-armor-shin-v41.stl

armor-chest-upper-v48.stl



armor-chest-lower-v25.stl

2x-armor-knee-v2.stl

2x-armor-hip-v10.stl

armor-abdomen-v36.stl

2x-armor-shoulder-v8.stl

armor-head-v12.stl

armor-crotch-v12.stl

2x-armor-forearm-v30.stl

armor-neck-v9.stl

armor-waist-v30.stl

2x-armor-foot-v17.stl

Extra bits (STL) 2 files

staff.stl

A basic handheld prop

stand-adapter.stl

Plug this piece into the back of the waist section to use with the Lucky 13 display stand

Print files

dummy13_all_parts_asa_3h14m_22g_mk4is.gcode

ASA 0.40 mm 0.15 mm 3.24 hrs 22 g Prusa MK4

As always I *strongly* recommend that you slice your own parts!

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