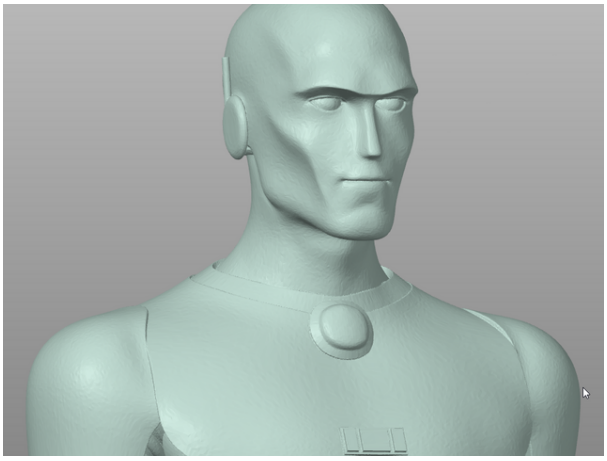
Printables by JOSEF PRUSA



75cm Robot City Character

M.J. Caboose

VIEW IN BROWSER

updated 13. 12. 2022 | published 13. 12. 2022

Summary

This robot is from the book cover of Isaac Asimov's "Robot City", German edition.

163.36 hrs	3 pcs	0.20 mm	0.40 mm	PLA	1677 g	Prusa MK3/S/S+

Toys & Games > Action Figures & Statues

Tags: robot book scifi isaacasimov sciencefiction robots bookcover robotcity

More large robot prints are comming up :) ....

This one is based on a the cover art of the SciFi novel “Isaac Asimov's Robot City”. In Particular the German version of the first book of this series “Die Odyssee”. The book appeared in 1988 (ISBN13: 978-3-404-23079-2). Since it has not been designed by me (I am not skilled performing such tasks), full credit goes to the artists on Deviant Art and Fiverr.

The 3D model of this robot was designed by “arvindkumar849”. Here is the link to his Fiverr account: https://fiverr.com/share/6wD8kB

To mount the parts there are holes included which fit standard 40mm long, 8mm or 10mm in diameter wooden bolts (very rarely also 30mm x 6mm if not enough room for larger ones).
I printed the files as prepared, removed the supports and glued the parts together with super glue for the surfaces and mounting glue for the wooden bolts.

For Printing a usually chooese quite strong settings since I made the experience that printing such larg figures make thin walls and low infills very fragile. But all 3mf files are included as well. So change the settings to your preferences to make the print faster & cheaper or even tougher :) ...

Also included is the uncut STL file ... so you can scale the robot to your needs.

Enjoy

Model files

Split STL Files 9 files

robotcity_v2_75cm_head.stl

robotcity_v2_75cm_leg_r.stl

robotcity_v2_75cm_boot_r.stl

robotcity_v2_75cm_leg_l.stl

robotcity_v2_75cm_hand_l.stl

robotcity_v2_75cm_boot_l.stl

robotcity_v2_75cm_hand_r.stl

robotcity_v2_75cm_thigh.stl

robotcity_v2_75cm_torso.stl

Split Prusa Slicer Files 3 files

robotcity_v2_75b.3mf

robotcity_v2_75c.3mf

robotcity_v2_75a.3mf

robotcity_v2_75cm.stl

Print files

robotcity_v2_75b_02mm_pla_685g_2d18h34m.gcode

PLA | 0.40 mm | 0.20 mm | 66.56 hrs | 680 g | Prusa MK3/S/S+

robotcity_v2_75a_02mm_pla_730g_2d22h12m.gcode

PLA | 0.40 mm | 0.20 mm | 70.19 hrs | 728 g | Prusa MK3/S/S+

robotcity_v2_75c_02mm_pla_270g_1d2h37m.gcode

PLA | 0.40 mm | 0.20 mm | 26.61 hrs | 269 g | Prusa MK3/S/S+

Other files

75cm_robotcity_v2.pdf

Print Job Informations (Filament usage, Print time, Print sets)

robot_city_-_redesign.pdf

Character Sheet

Find source .stl files on Thingiverse.com

License

This work is licensed under a
Creative Commons (4.0 International License)

Attribution-NonCommercial

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✖ | Commercial Use

✖ | Free Cultural Works
✖ | Meets Open Definition