Improved Auto Coin Sorter

Bike Cyclist

VIEW IN BROWSER

updated 19. 9. 2026 | published 19. 9. 2026

Summary

Improved Auto Coin Sorter - Classic Version

Household > Other House Equipment

Tags: holder coin money pen euro swiss customizer openscad danish thingiverse coinholder polish dollar australian currency thai british sorter hungarian canadian russian australiancoins brazilian canadianmoney coinsorter eurocoinsorter moneysorter norwegian peruvian pln usd uscoinsorter

Improved Auto Coin Sorter - Coin Roll + Classic Version

New in latest version 7.528:

- AUD - Australian Dollar update only. 50 cent coin dimensions increased to match the circumradius of the 12-sided coin. Should sort and stack just fine now, apologies for the inconvenience.

New in version 7.527:

- Improved geometry to increase reliability and accuracy of the sorting.

Improvements:

- Simple and robust lid-type top board that stays perfectly aligned and keep the coin holder reliably in place, too.
- Extra length of coin ramp to make feeding the sorter easier
- Raised guard rail and rear guard rail to facilitate quick and reliable feeding of coins

How to use

An automatic coin sorter for many currencies. See also http://youtu.be/7F2fIF9PNBk for a short demo video of the original version.

To store a coin, you may release a coin from the rightmost top, and it will slide down the hill and go into the appropriate tube.

Printing

All parts can be easily printed without supports, with the sole exception of the top board.

The top board can be printed either:

a) with supports
b) split vertically so that you have two parts that print without supports, then glued together.

The top board might need to be oriented diagonally to make best use of the available print surface.

The EUR version will fit on a 210 mm x 210 mm print bed. All others are smaller, except for the PLN version, which will require a reduced top board extra length.

New in V7.4: The basebox can be printed upright, which is quicker, uses less material and makes it fit on smaller print beds.

Currencies

List of Available Currency Versions ("*" denotes variants being available):

- ARS - Argentine Peso
- AUD - Australian Dollar
- BGN - Bulgarian Lev
- BRL - Brazilian Real
- CAD - Canadian Dollar (2 versions: with/without $1/50c)
- CHF - Swiss franc

- CLP - Chilean Peso (2 verions: pre-2012 coins included/post 2012 coins only)
- CZK - Czech Koruna
- DKK - Danish Krone
- EUR - Euro
- GBP -British Pound
- HKD - Hong Kong Dollar
- HUF - Hungarian Forint
- IDR - Indonesian Rupiah
- INR - Indian Rupee
- ISK - Icelandic Krona
- JPY - Japanese Yen
- KRW - South Korean Won
- MKD - Macedonian Denar
- MXN - Mexican Peso
- MYR - Malaysian Ringgit
- NIS - Israeli New Shekel
- NOK - Norwegian Krone
- NZD - New Zealand Dollar
- PEN - Peruvian Sol
- PLN - Polish Zloty
- RON - Romanian Leu
- RUB - Russian Ruble
- SEK - Swedish Krona
- SGD - Singapore Dollar
- THB -Thai Baht
- TRY - Turkish Lira
- TWD - New Taiwan Dollar
- UAH - Ukrainian hryvnia (2 versions: complete set/only common coins)
- USD - US Dollar (2 versions: complete set/only common coins)
- UYU - Uruguayan Peso
- XPF - CFP Franc

Updates

Improved Auto Coin Sorter V7.52 - 07 September 2026

- New currencies and second versions of some currencies (see complete list above)
- Slight geometry change to keep coins from getting stuck when falling into slots
- Slight tolerance adjustments to keep coins from getting stuck in the just-too-small slot
- Arranged all parts for printing in a single STL file per sorter version

Improved Auto Coin Sorter V7.52 - 24 November 2019

- Rounded corners on tube rack
- Includes UYU Uruguayan Peso

Improved Auto Coin Sorter V7.5 - 05 May 2019

- Includes KRW South Korean Won
- Includes MKD Macedonian Denar
- Includes MYR Malaysian Ringgit
- Includes NZD New Zealand Dollar

Improved Auto Coin Sorter V7.4 - 30 March 2019

- Coin-roll and "classic" slot versions available from the same code
- Custom currency support re-introduced
- New contoured back
- Front tube rack retaining edge
- Basebox can be printed upright now
- Includes NIS Israeli New Shekel
- Includes NOK Norwegian Krone
- Includes RON Romanian Leu
- Includes TWD New Taiwan Dollar
- Includes TRY Turkish Lira
- Includes XPF CFP Franc

Improved Auto Coin Sorter V7.3 - 9 March 2019

- Scale placement more accurate
- Includes IDR Indonesian Rupiah
- Includes INR Indian Rupee
- Includes ISK Icelandic Krona
- Includes MXN Mexican Peso
- Includes SGD Singapore Dollar

Improved Auto Coin Sorter V7.2 - 6 March 2019:

- New internal logic for coin selection
- Includes ARS Argentine Peso
- Includes AUD Australian Dollar
- Includes BRL Brazilian Real
- Includes CLP Chilean Peso
- Includes CZK Czech Koruna
- Includes DKK Danish Krone
- Includes HKD Hong Kong Dollar
- Includes HUF Hungarian Forint
- Includes JPY Japanese Yen

Improved Auto Coin Sorter V7.1 - 5 March 2019:

- Includes GBP British Pound
- Includes RUB Russian Ruble
- Unused "other" option removed from selection

Remix Information

Remix of

- Improved Auto Coin Sorter by Bikecyclist
- Improved Auto Coin Sorter - Coin Roll Version V5 (obsolete) by Bikecyclist
- Compact Improved Auto Coin Sorter by Bikecyclist
- Auto Coin Sorter for All Currencies by youngcat
- Sorteador Monedas Mexicanas by morenot3131
- Coin sorter for UK coins (inc new £1) by mabbog
  And of the following customized versions of Youngcat's Coin Sorter for the following currencies:
- ARS by charly3darg
- AUD by Sadiablo
- BRL by igcefa
- CLP by yutroc
- CZK by Tomas_Halbych
- DKK by Nonbeliever
- HKD by g2david
- HUF by thebence98
- IDR by rizkypratama
- INR by Neeraja
- JPY by miettal
- KRW by alien9519
- MKD by Karevski
- MYR by wmfhadi
- NIS by Esh_Robotics
- NOK by RolBerg
- RON by szilveszter
- TWD by osmiumtpe
- XPF by M2orea

This remix is based on

Thingiverse - The community for Open Hardware

Model files

OpenSCAD Source Code 9 files

- improved_auto_coin_sorter_v7.scad
- improved_auto_coin_sorter_v71.scad
- improved_auto_coin_sorter_v72.scad
- improved_auto_coin_sorter_v73.scad
- improved_auto_coin_sorter_v74.scad
- improved_auto_coin_sorter_v751.scad
- improved_auto_coin_sorter_v75.scad
- improved_auto_coin_sorter_v752.scad
- improved_auto_coin_sorter_v7527.scad

ars-argentine-peso-improved-auto-coin-sorter-v7527-... .stl

aud-australian-dollar-improved-auto-coin-sorter-v75… .stl

bgn-bulgarian-lev-improved-auto-coin-sorter-v7527-c… .stl

brl-brazilian-real-improved-auto-coin-sorter-v7527-… .stl

cad-canadian-dollar-improved-auto-coin-sorter-v7527… .stl

cad-canadian-dollar-with-50-c-and-1-c-improved-auto… .stl

chf-swiss-franc-improved-auto-coin-sorter-v7527-cla… .stl

clp-chilean-peso-improved-auto-coin-sorter-v7527-cl… .stl

cop-colombian-peso-post-2012-only-improved-auto-coi… .stl

cop-colombian-peso-pre-2012-included-improved-auto-… .stl

czk-czech-koruna-improved-auto-coin-sorter-v7527-cl… .stl

dkk-danish-krone-improved-auto-coin-sorter-v7527-cl... .stl

eur-euro-improved-auto-coin-sorter-v7527-classic.stl

gbp-british-pounds-improved-auto-coin-sorter-v7527-... .stl

hkd-hong-kong-dollar-improved-auto-coin-sorter-v752... .stl

huf-hungarian-forint-improved-auto-coin-sorter-v752... .stl

idr-indonesian-rupiah-improved-auto-coin-sorter-v75... .stl

inr-indian-rupee-improved-auto-coin-sorter-v7527-cl... .stl

isk-icelandic-krona-improved-auto-coin-sorter-v7527... .stl

jpy-japanese-yen-improved-auto-coin-sorter-v7527-cl... .stl

krw-south-korean-won-improved-auto-coin-sorter-v752... .stl

mkd-macedonian-denar-improved-auto-coin-sorter-v752... .stl

mxn-mexican-peso-improved-auto-coin-sorter-v7527-cl... .stl

myr-malaysian-ringgit-improved-auto-coin-sorter-v75... .stl

nis-israeli-new-shekel-improved-auto-coin-sorter-v7... .stl

nok-norwegian-krone-improved-auto-coin-sorter-v7527... .stl

nzd-new-zealand-dollar-improved-auto-coin-sorter-v7... .stl

pen-peruvian-sol-improved-auto-coin-sorter-v7527-cl... .stl

pln-polish-zloty-improved-auto-coin-sorter-v7527-cl... .stl

ron-rumanian-leu-improved-auto-coin-sorter-v7527-cl... .stl

rub-russian-ruble-improved-auto-coin-sorter-v7527-c... .stl

sek-swedish-krona-improved-auto-coin-sorter-v7527-c… .stl

sgd-singapore-dollar-improved-auto-coin-sorter-v752… .stl

thb-thai-baht-improved-auto-coin-sorter-v7527-class… .stl

try-turkish-lira-improved-auto-coin-sorter-v7527-cl… .stl

twd-new-taiwan-dollar-improved-auto-coin-sorter-v75… .stl

uah-ukrainian-hryvnia-improved-auto-coin-sorter-v75… .stl

uah-ukrainian-hryvnia-short-improved-auto-coin-sort… .stl

usd-us-dollar-improved-auto-coin-sorter-v7527-class… .stl

usd-us-dollar-improved-auto-coin-sorter-v7527-class… .stl

uyu-uruguayan-peso-improved-auto-coin-sorter-v7527-… .stl

xfp-cfp-franc-improved-auto-coin-sorter-v7527-class... .stl

Find source .stl files on Thingiverse.com

License

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

Attribution-ShareAlike

✖ | Sharing without ATTRIBUTION
✔ | Remix Culture allowed
✔ | Commercial Use
✔ | Free Cultural Works
✔ | Meets Open Definition