

Case collator/ feeder

R

RC builder

VIEW IN BROWSER

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Summary

Complex model, gcode not included, as modifications according to your application are assumed.

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Notes and other major components sample references:

1. Motor mount designed for JGA25-370 Geared motor DC motor 12V 5rpm (<https://www.aliexpress.com/item/32987942205.html>)
2. Bullet drop adapter designed for:
 - proximity sensor LJ12A3-4-Z/BY (<https://www.aliexpress.com/item/32859197984.html>). Model assumes thread cutting instead of printing for better accuracy. Sensor purpose is bullet counting. Cut the thread by 12mm tap, note the pitch (fine pitch 1,5mm).
-Mr.Bulletfeeder output spring Large for pistol calibers (<https://www.doublealpha.biz/mrbulletfeeder-output-spring-and-extension-adaptor>).
1. Case bucket dimension is too small for rifle cases.

I recommend to use wooden anchor pin to prevent motor gear or feeder parts damage in case something goes wrong, at least during the setup phase.

Tribute to <https://github.com/dyspreficks/ShoeboxCaseFeeder> .

Print instructions

For Anchor_case, Bucket_stand, Upper_end1_case and Upper_end2_case PLA recommended.

Other parts PLA and/or PETG according to your preferences. Except Anchor part, no supports are required.

For large parts - eg. bucket etc., 0,2mm layer is OK.

For Anchor, brim and support on build plate are required.

Drop_tube - remove the stabilizing "skirt" after print!

Model files



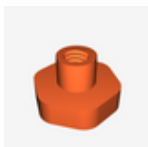
case_anchor.stl



case_bucket.stl



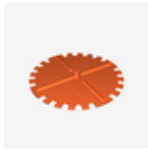
motor_mount.stl



handle.stl



case_plate_45.stl



case_plate_9mm.stl



bucket_stand.stl



drop_tube.stl



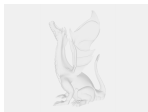
case_feeder_drop_tube.stp

☐ Drop tube in step format



case_feeder_bucket_stand.stp

☐ Bucket stand in step format



case_feeder5.rsdoc

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