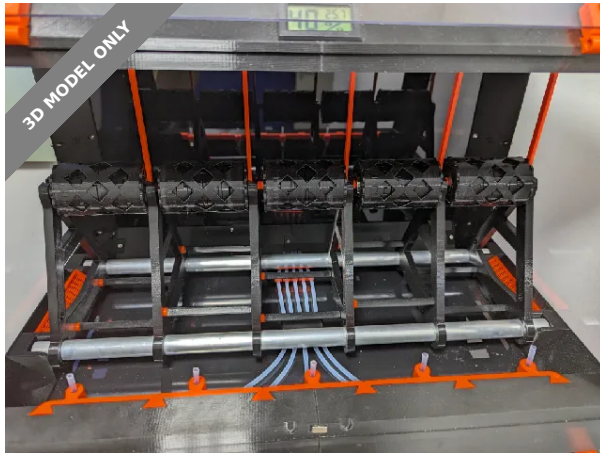




MMU3 / MMU2S 5 Spools auto rewinder adapter for (un)original Prusa drybox / Repbox



Sanka

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Summary

5 Spools rewriter adapter for MMU2S / MMU3 in (un)original Prusa drybox or Repbox. Could be used without drybox

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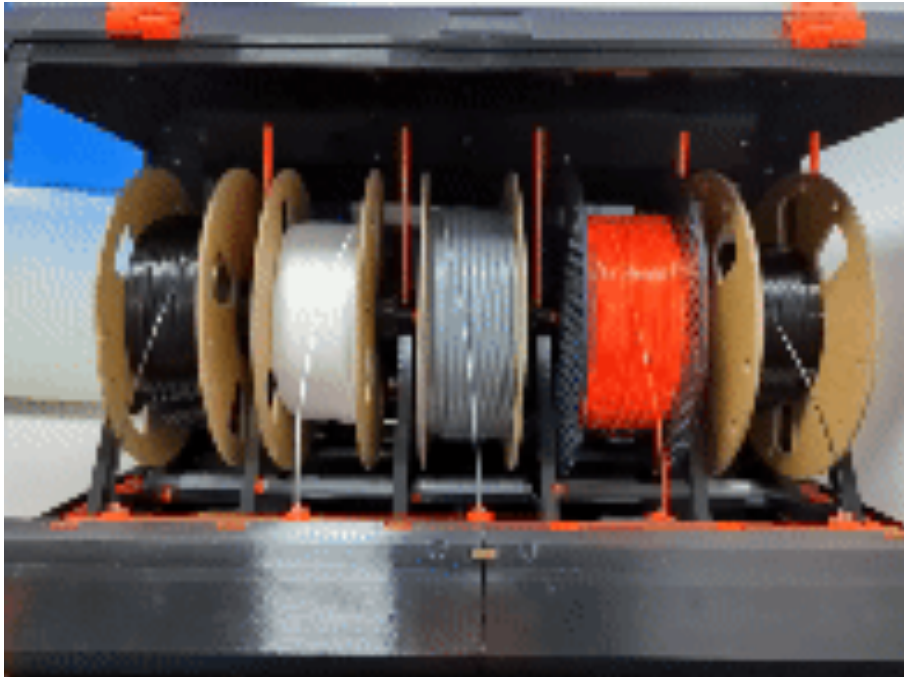
This is an upgrade for users of MMU and who has (un)original drybox (also works with the Slim version). This system replaces the filament buffers.

It's a project in development that I try to improve with the time, thanks for your understanding.

And thanks for your support 😊

I thinking this project to be the most useful possible :

- Easy access for changing your spools
- Auto rewinder because it's a most elegants solution than the buffer (personal opinion 😊)
- Shorty path as possible to avoid a maximum of friction
- Preservation of the opening from above for mmu maintenance

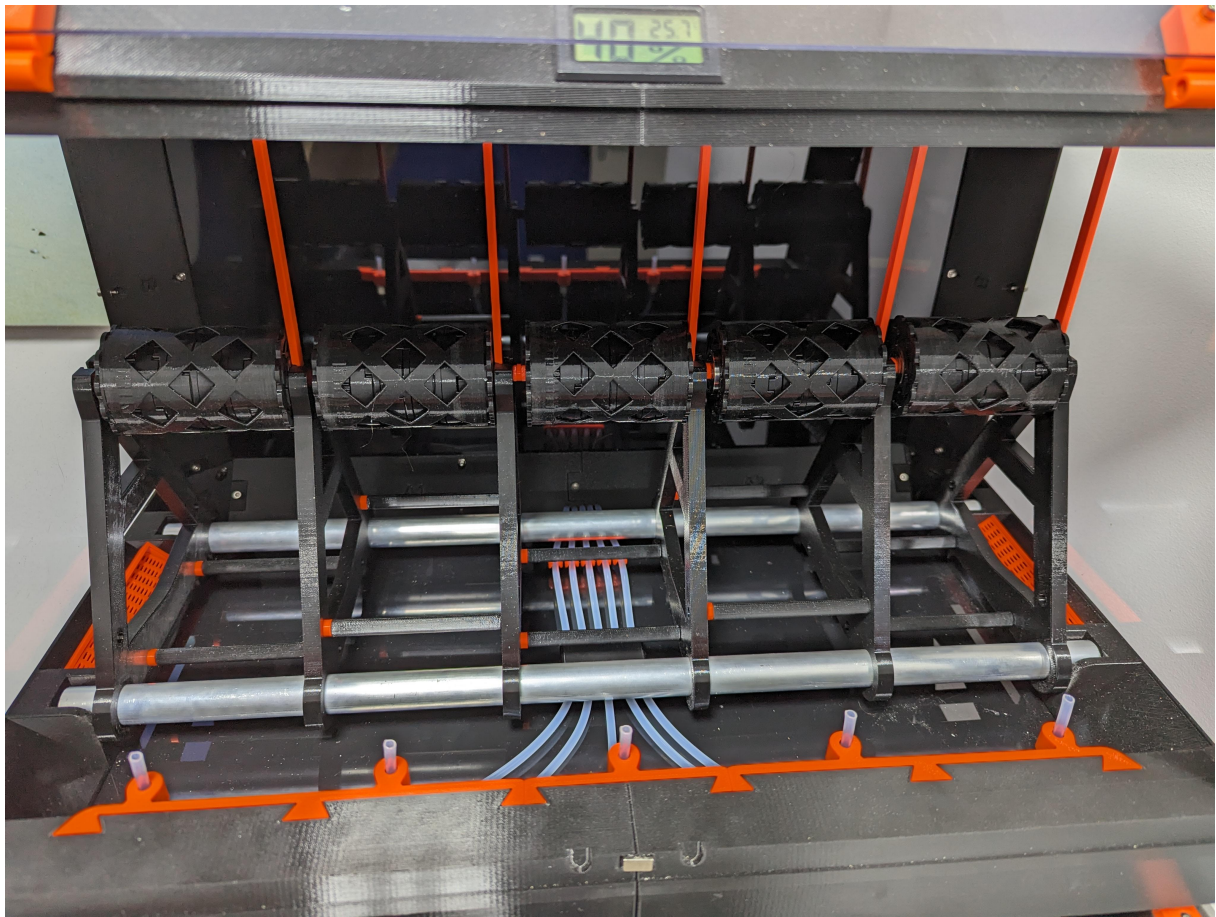


- Beam A1 mod and Beam A2 mod :

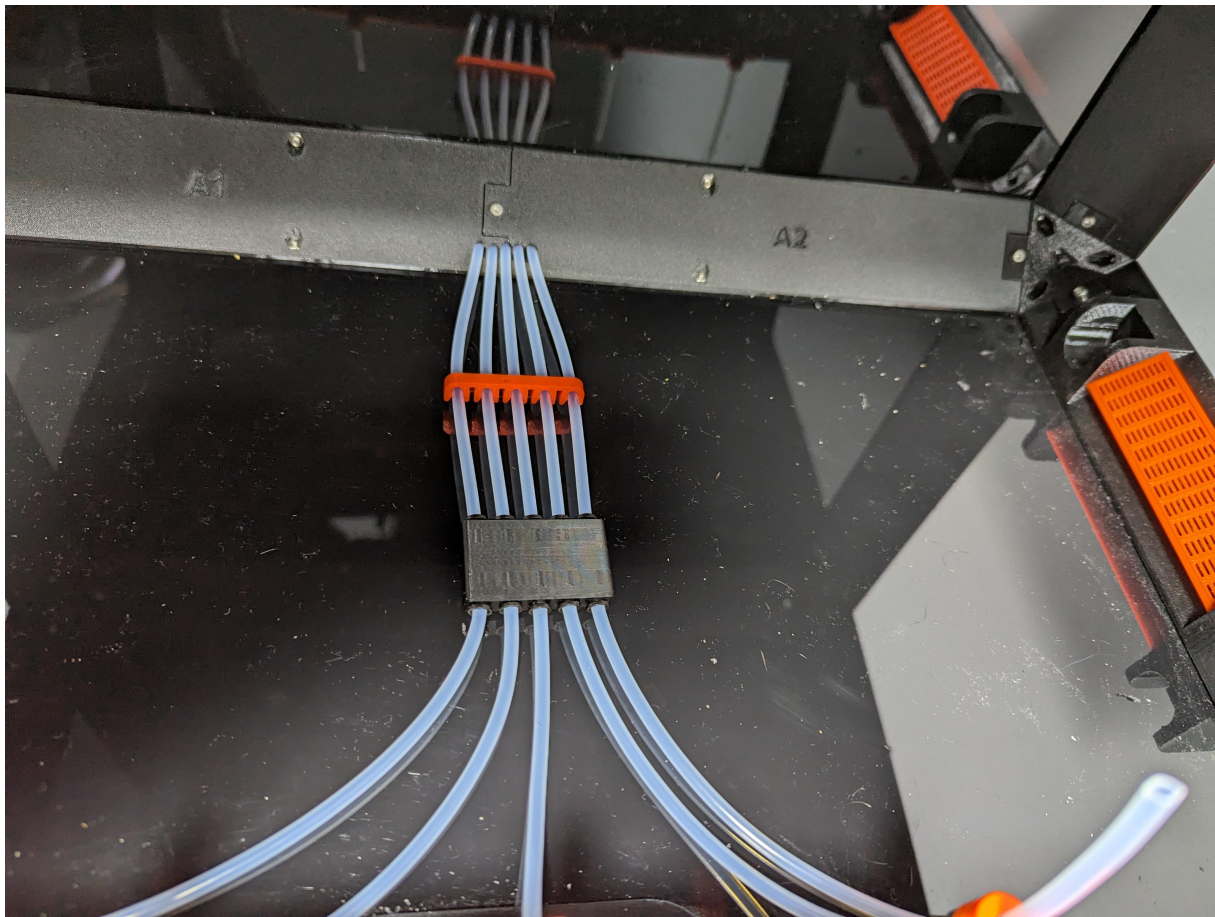
Those parts replace back parts Bean A1 A2 on the (un)original drybox.



- There are 5 spool with auto-rewinding remix (Original by **Jim Nangano**)
- New guide ptfe in the drybox systeme (made by myself)

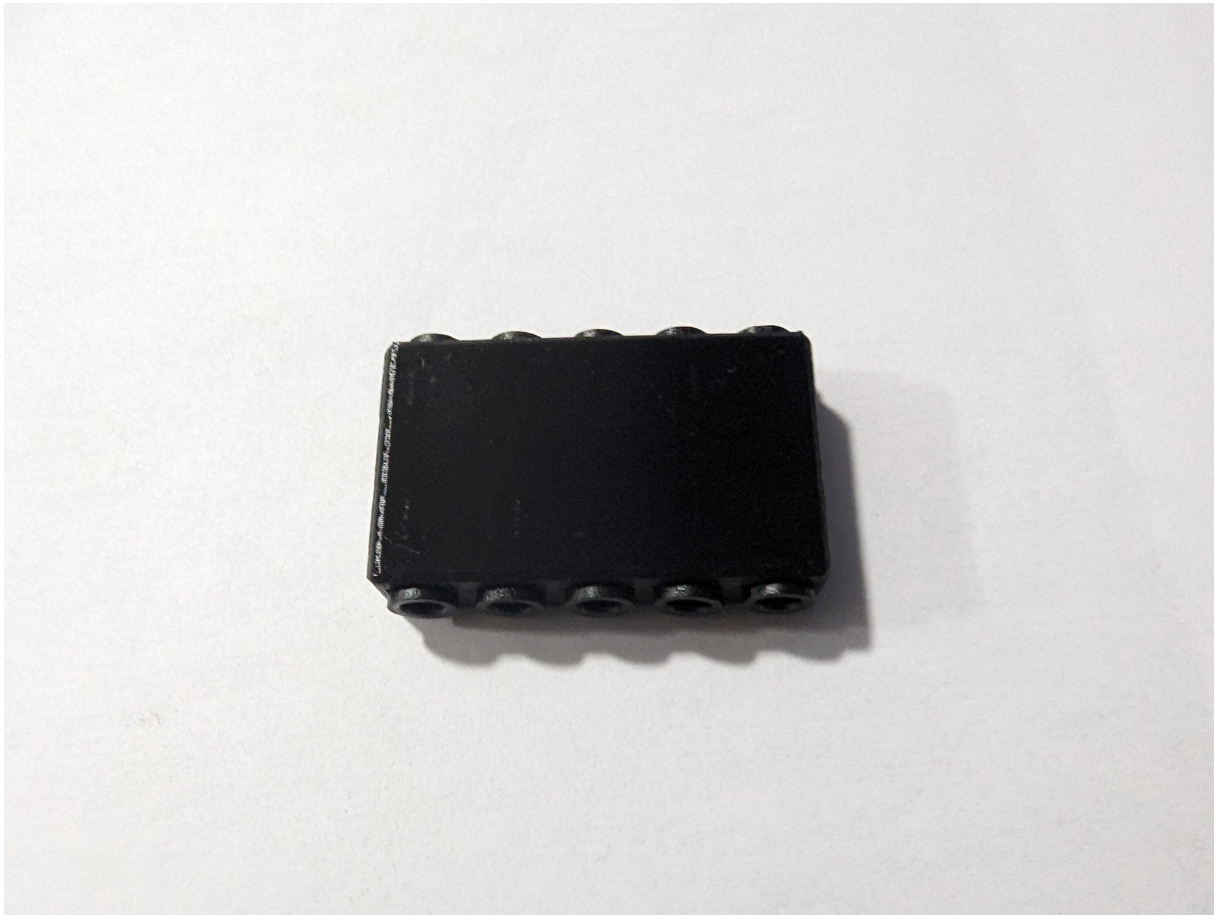


PTFE connector for MMU3 owner :



For my full MMU systeme (with the two link in the bottom) you need some PTFE tubes :

The MMU3 come with (10 X 60 cm PTFE) tubes so I created this connector for use them, the clips used for maintain the ptfe tubes come also with the MMU3.



If you don't use a MMU3 kit you need about 4 meters ID=2,5mm OD=4mm : (These size are with a slack)

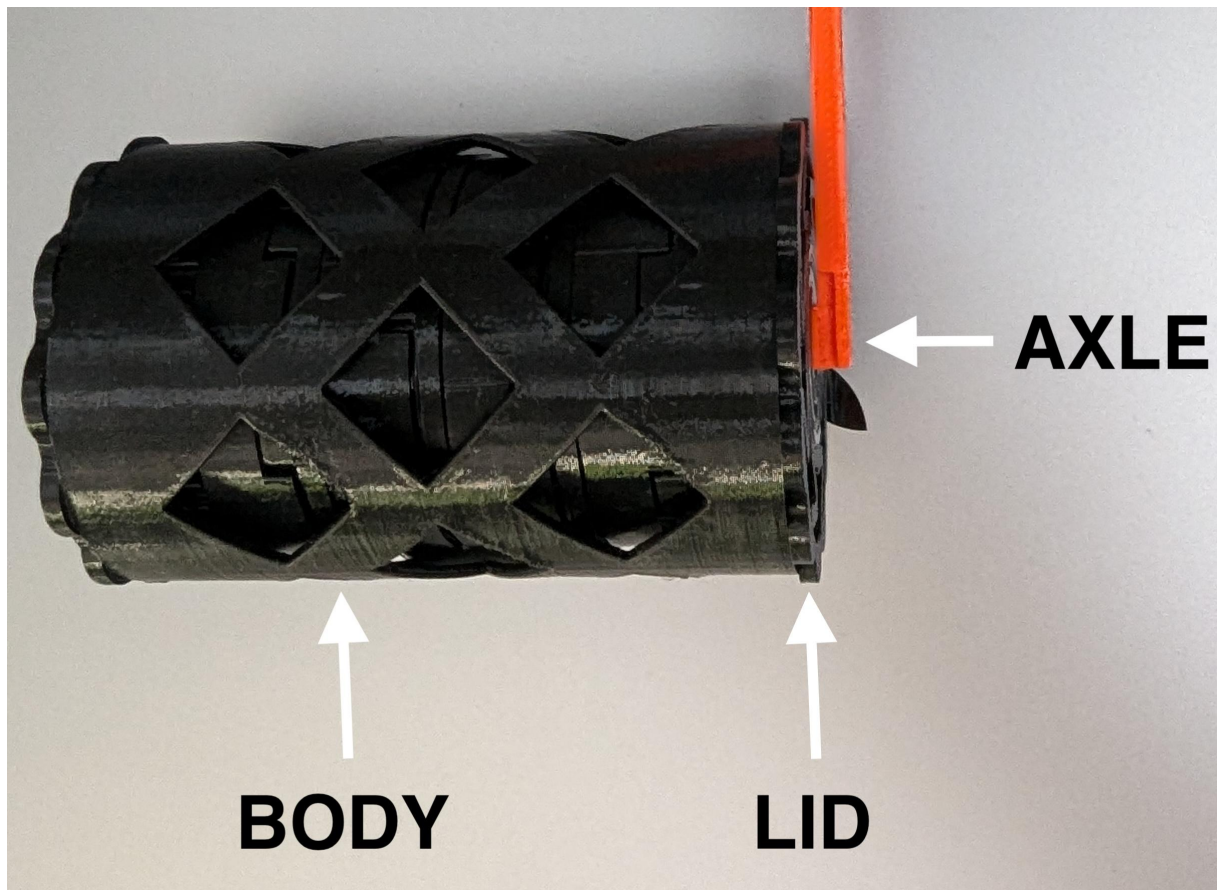
- 2 X 85 cm
- 2 X 80 cm
- 1 X 70 cm

I advice to buy 5 meters to be sure and cut off the excess once installed.

You needed some non printable parts :

- screw M3x10 X20
- 608 bearings X10

Be careful to build correctly your rewinder, the axle must be placed last. Put it in starting by the lid like on the bottom photo. (thanks to [@HonzaJaros_1717380](#) for help with this issue)





All parts were printed with PETG Prusament during testing.

Print the rewinder system in ASA if you use the heater for (un)original drybox.

I also do a fixation for the (un)original drybox on the Prusa enclosure :

<https://www.printables.com/model/702384-fixation-for-unoriginal-prusa-drybox-on-the-prusa->

Fixation for Core One :

<https://www.printables.com/model/1375957-unoriginal-holder-for-core-one>

Pass Ptfе on the top of enclosure :

<https://www.printables.com/model/702362-guide-ptfe-mmu-top-on-prusa-enclosure>

You can look at this complet guide created by **FuseFox Design** to build the system:

<https://www.printables.com/model/1126694-fusebox-build-guide-mk4s-wmmu3>

This remix is based on



Integrated Auto-Rewinder for Spool Tank

by Jim Nangano



(Un)original Prusa Drybox

by Bram Elema

Model files



axe-dry-box.stl

☐ Print X10



crossbean-v5-for-18mm-rod.stl

☐ Print x6



crossbean-v5-for-20mm-rod.stl



easyclip-v4.stl

☐ Print x5



axle-easy-clips.stl

 Print x5



integratedrewinder_v56_75.stl

 Print x5 Designed by Jim Nangano



dry-box-5-spool-adaptor-v3.stl

 x1



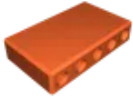
beam-a1-mod.stl

 X1



beam-a2-mod.stl

 X1



ptfe-connector-v2.stl

 Print one if you want to use the PTFE tubes supplied with the MMU3



prototype-grippy-v2.stl

 In developpment (for those who have some rewinding issue due to a too slidy spool)

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