

Auto-Rewind Spool Holder for RepRack - Large Edition



Evil Duck

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Summary

Auto-rewinds your spools while printing with spools of up to 2.8kg.

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Tags: [shelf](#) [spool](#) [mmu](#) [rewinder](#) [filament](#)
[filamentspoolholder](#) [wide](#)

This auto-rewinding spool holder is a remix of the great model by @Jerrari.

I needed it to accomodate my larger, 2.8kg spools. So i widened the rollers as well as the frame and also lifted the rollers a bit.

This versions holds spools up to a width of 105mm (~ 4 1/8 inch). I tested it with up to 2.8kg (~ 6.2 lbs), but it seemed to be able to hold even more.

It still is assembled the same way as the original. You just replace some parts with mine and print an additional four springs.

The additional springs not only made it easier to modify the rollers, but also add some more force for the heavier spools.

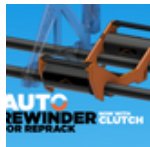
Here's a print list for one complete spool holder:

- 2 x Cylinder Pin Wide (from here)

- 2 x Cylinder Shell Wide (from here)
- 2 x Cylinder Cap (from original)
- 2 x Coils Set (from original)
- 4 x Spring (from original)
- 1 x Frame Back Wide (from here)
- 1 x Frame Front Wide (from here)
- 1 x Frame Left Lifted (from here)
- 1 x Frame Right Lifted (from here)
- 1 x Frame Middle Wide (from here)

Assemble as described in the original, just use two more springs for the coils.

This remix is based on



Auto-Rewind Spool Holder for RepRack

by Jerrari

Model files



cylinder-shell-wide.3mf



frame-back-wide.3mf



frame-front-wide.3mf



cylinder-pin-wide.3mf



frame-left-lifted.3mf



frame-right-lifted.3mf



frame-middle-wide.3mf

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