



## RYOBI 18V Sewing Machine



Simple3D

[VIEW IN BROWSER](#)

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### Summary

Prototype of a RYOBI 18V Portable Sewing Machine



16.29 hrs



2 pcs



0.20 mm



0.40 mm



PET



276 g



Prusa  
MK3S/S+ &  
MMU2S

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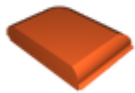
I think RYOBI is missing out on a potential useful tool. They have 18V glue guns and staplers. What they need is a portable sewing machine! I wanted to make some storage bags for my portable solar panels. It made me think of all the uses of a portable, battery operated sewing machine. I found a simple/small sewing machine on Amazon for \$48. I decided to make it work with my 18V batteries. Hopefully RYOBI will like the idea and build a better one :-) I put the 3D Printer models on Prusa:

Here are the parts I used:

- Sewing Machine ( <https://amzn.to/34l7Dwc> )
- Wire Crimper ( <https://amzn.to/3igwTog> )
- Wire Stripper ( <https://amzn.to/33lQak4> )
- Overature Grass GreenPETG filament ( <https://amzn.to/3IMLghX> )
- 9ah Battery ( <https://amzn.to/32ypiQ0> )
- 24V DC to 6V DC converter ( <https://amzn.to/3Jb2VQe> )
- 3.5mm jack socket ( <https://amzn.to/3GJIpeF> )
- 3.5mm plugs ( <https://amzn.to/3GvncvE> )
- 18Ga Silicon stranded wire ( <https://amzn.to/3JbjkVc> )
- 2.1 x 5.5mm male pigtails ( <https://amzn.to/3AxSN17> )
- female connectors ( <https://amzn.to/3KMAV7c> )
- 18V ryobi contacts ( <https://www.partswarehouse.com/Ryobi-Contact-Plate-Holder-Assembly-RY-300001044-p/hm-300001044.htm> )

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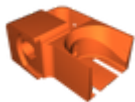
## Model files



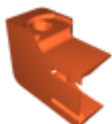
**ryobisewingmachinesolidlidv2.3mf**



**ryobisewingmachinesolidlidv2.stl**



**ryobisewingmachineadapterv2.3mf**



**ryobisewingmachineadapterv2.stl**



**sewing3\_mesh.stl**

☐ This is the Revopoint POP scanner 3D of the back of the sewing machine

# Print files



## ryobisewingmachinesolidlidlidv2\_02mm\_petg\_mk3smmu2.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 1.70 hrs ⚖ 30 g

🖨 Prusa MK3S/S+ & MMU2S



## ryobisewingmachineadapterv2\_02mm\_petg\_mk3smmu2s.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 14.59 hrs ⚖ 245 g

🖨 Prusa MK3S/S+ & MMU2S

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