



Yellow Log Skidder- All Dual Wheels



Black Jack

[VIEW IN BROWSER](#)

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Summary

A skidder is any type of heavy vehicle used in a logging operation for pulling cut trees out of a forest in a process...

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A skidder is any type of heavy vehicle used in a logging operation for pulling cut trees out of a forest in a process called "skidding", in which the logs are transported from the cutting site to a landing.



I am very thankful to Mr Benoît Lussier for his feedbacks which has helped me refine the model further. There are three ways to print this.

1. **As single piece**:- Please download STL file but there wont be any movements.
2. **Multiple Pieces** :- Download 3mf file with Full_dismantled.3mf.**BEST QUALITY OUTPUT**. Please use the 3mf file for assembly also. CHECK EASE OF PRINTING TITLE BELOW
3. **Combined**:- You may use any 3D viewer software like 3D builder in windows to merge components according to your printer and filaments. The sky is the limit for this. You may find a sample file ending with combined.3mf.

EASE OF PRINTING

This model contains parts of 4 colours - YELLOW, BLACK, WHITE & RED. I have seperated these into different plates according to colour and in the optimum print position. Please download the folder "Print Plates According to Colour" to make use of them. These plates can be opened in any slicer and printed according to your print profiles.

Print the wheel axles at minimum 60% infill Density.

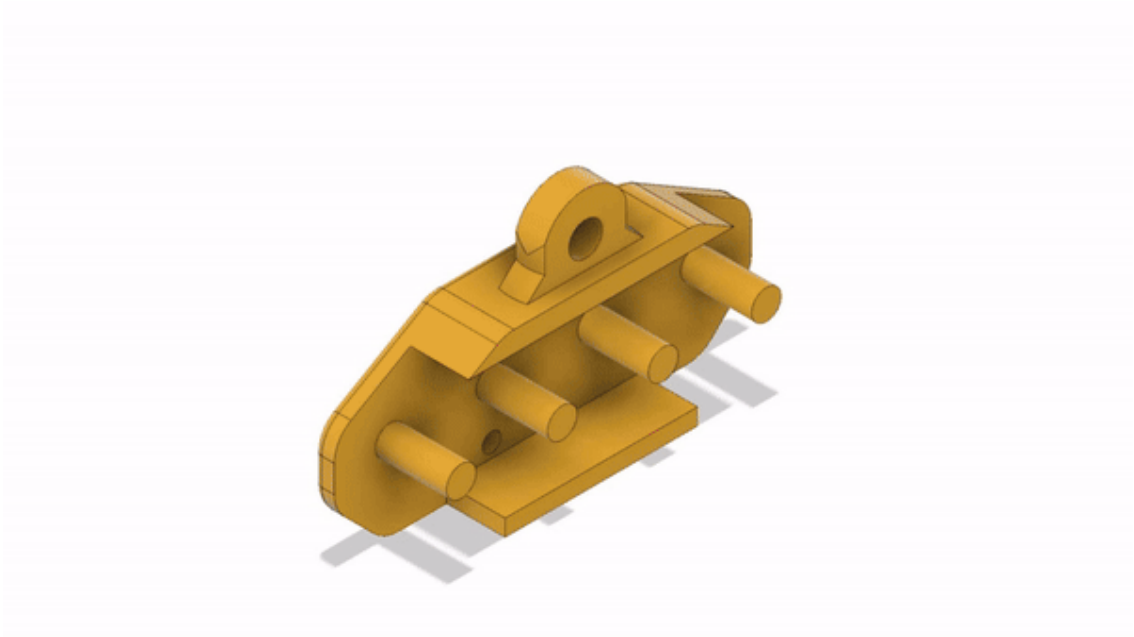
The 7th and 8th Plates can be printed with filament change for the brand names on the top, if you choose so.

The If you choose to stick plastic sheets as windscreen and windows, please download LogSkidder_WindowCutout.pdf file to get the shape of cutouts. You can print it in an A4 size paper and cut along the lines to get the shape. Grooves are already provided around the windscreen and windows from inside

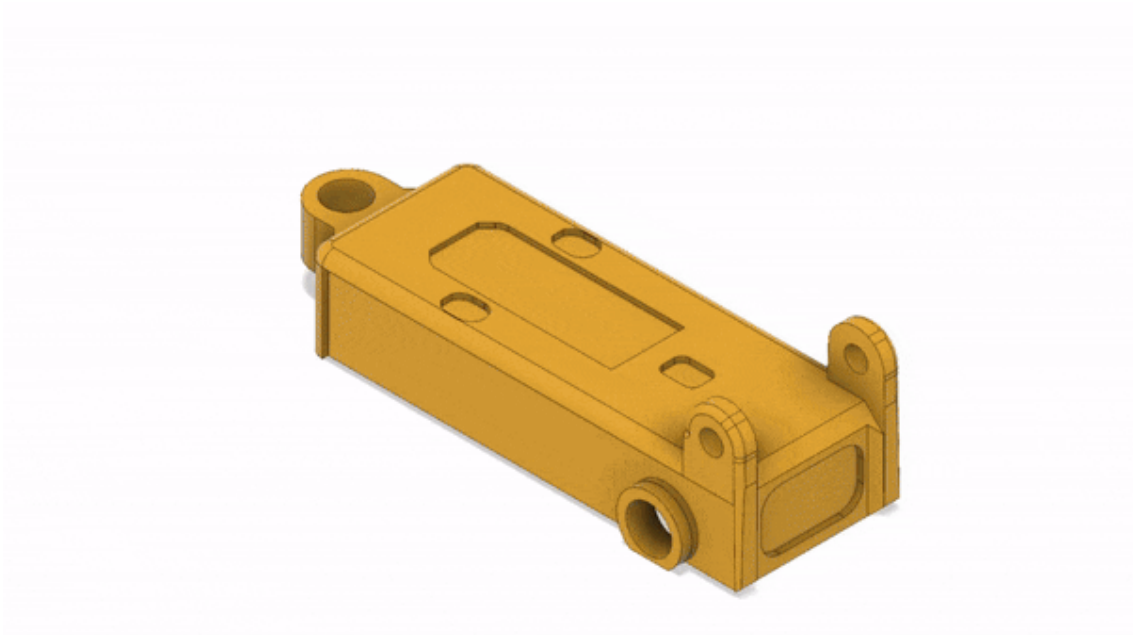
ASSEMBLY OF MODEL

This is done in 5 steps. Please follow the steps.

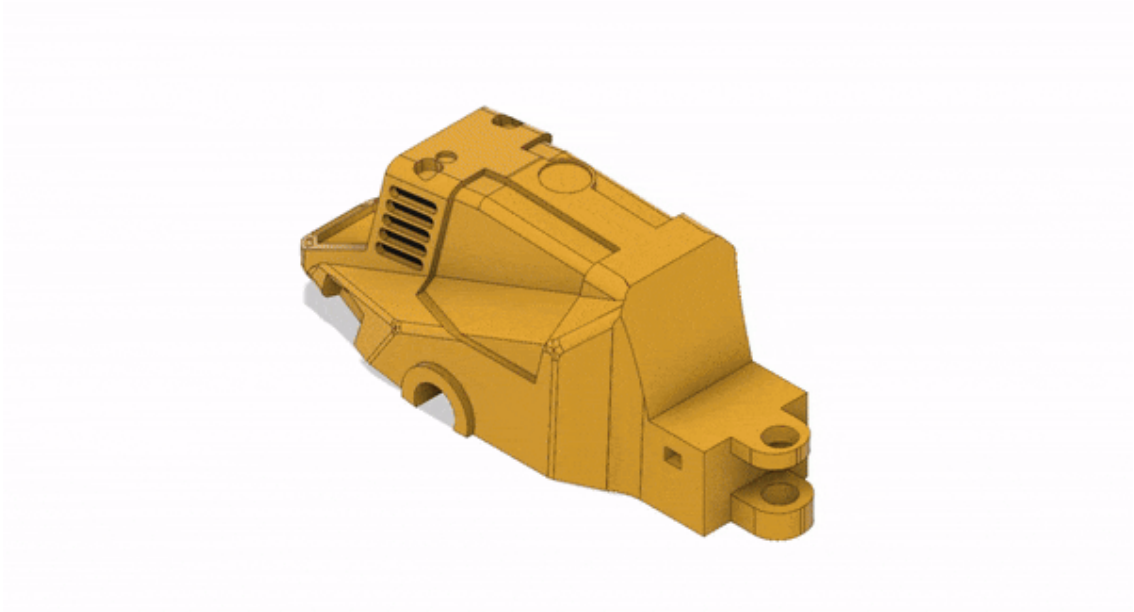
1. ASSEMBLY OF GRAPPLER & ARM



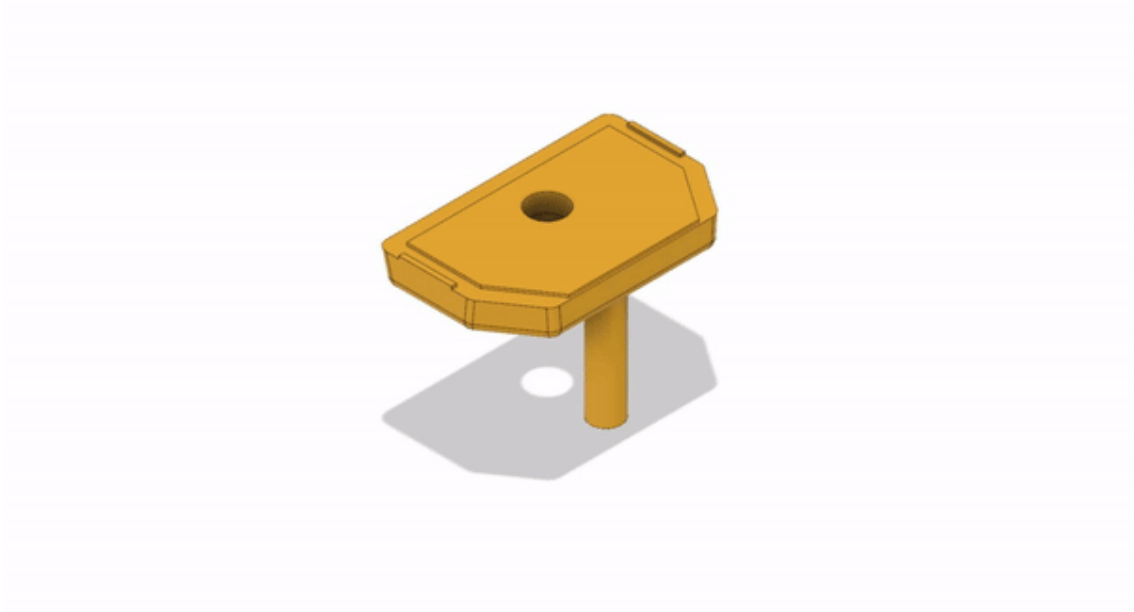
2. ASSEMBLY OF FRONT CARRY



3. ASSEMBLY OF MAIN BODY



4. ASSEMBLY OF CABIN



5. MATING OF PARTS



STATIC DISPLAY LOCKING

There are specific mechanisms provided by which various links can be locked in different poses. Please use a small piece of filament to lock the links as shown in the instructions below



Movements Included

1. Grappler Full Movements



2. Front Arm Full Movements

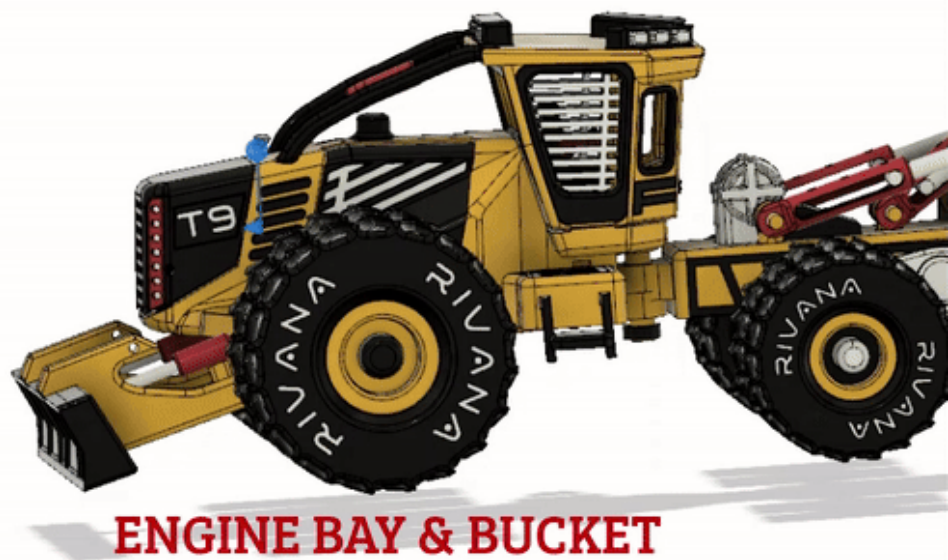


GRAPPLER ARM OPERATIONS

3. Front Carry Steering



4. Rear Bucket and Engine Bay Cover



5. Rotating Chair

NOTE The tolerances to some elements are zero which has been intentionally provided to friction lock the elements while not in movements. You may have to fine tune the tolerance from your end using scaling function in slicer to ensure good fit without compromising movements. This also applies for the pins that make rotation possible between elements. Please proceed with printing all the pins after testing printing a pin and testing the fit of a joint. You should be able to find the adequate scaling factor with this.

The main body is made hollow to ensure filament savings.

Supports should be provided as required.

Appreciate the makes uploads. Open for suggestions.



Buy me a coffee



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ON PATREON

Model files



Print Plates According to Colour

10 files

yellow-log-skidder-full-dismantled.3mf

☐ FOR REFERENCE



yellow_log_skidder.stl

☐ For Reference



plate1-yellow.3mf



plate2-white.3mf



plate3-red.3mf



plate4-black.3mf



plate5-black.3mf



plate6-black.3mf

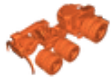


plate7-blackwhite.3mf



plate8-blackwhite.3mf

yellow-log-skidder-full-dismantled.3mf



yellow-log-skidder.stl

yellow-log-skidder-full-dismantled-orca-profile.3mf

Other files

logskidder-windowcutout.pdf

download-assets-sm-1_724636.svg

download-assets-sm-1_724636.svg

[Find source .stl files on Thingiverse.com](#)

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