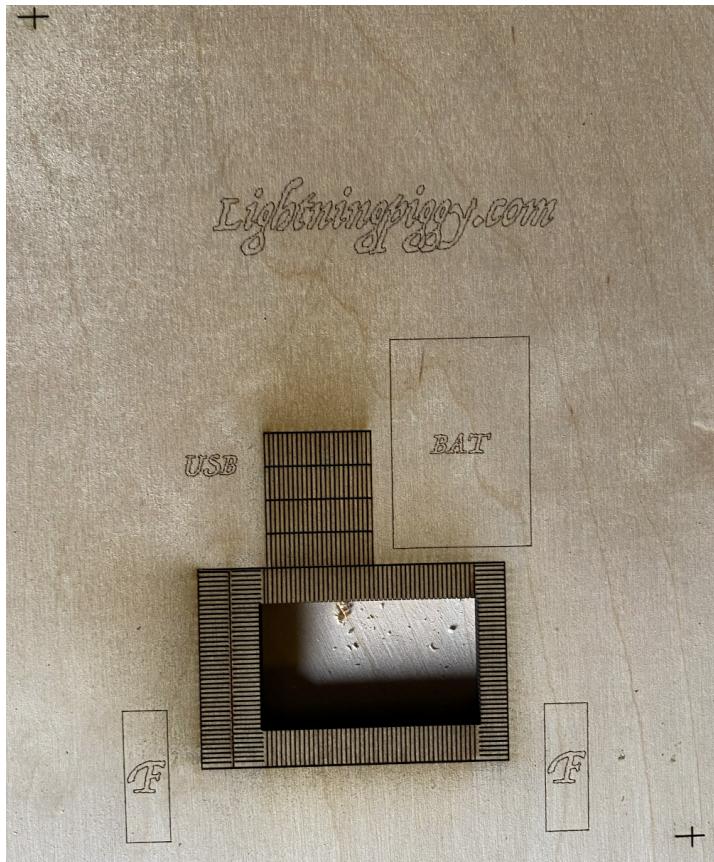


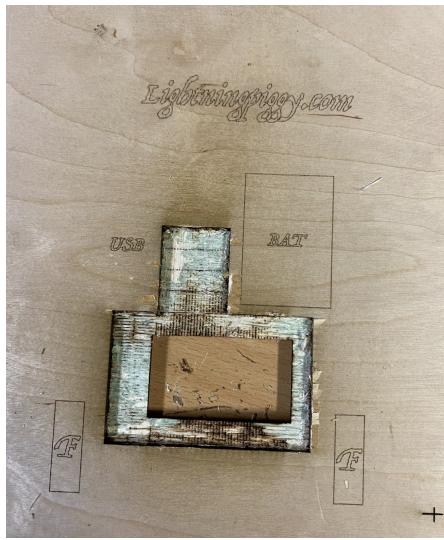
Howto: LaserEngravedPiggy

1: Cut engrave "Inpiggy_6mm_back.lbrn2" on 180x220x6mm plywood using Lightburn.

Adjust settings according to your laser / material. Reference machine is a falcon 2 22w diode laser.



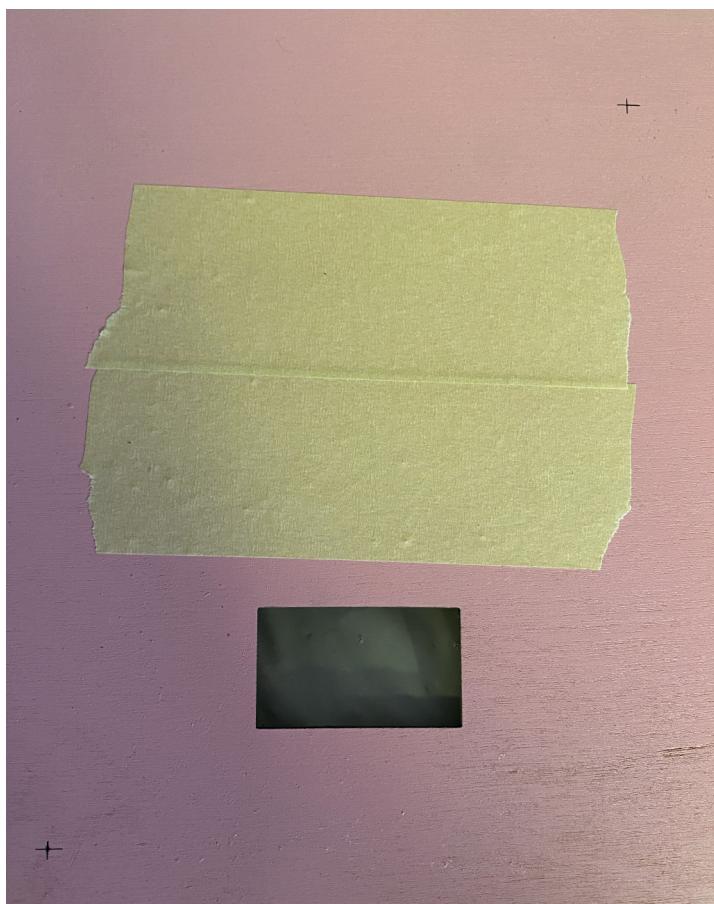
2: Excavate the area around the hole with a knife or something similar. Be careful!



3: Now paint the front of the plywood to your desired color (pink?)...

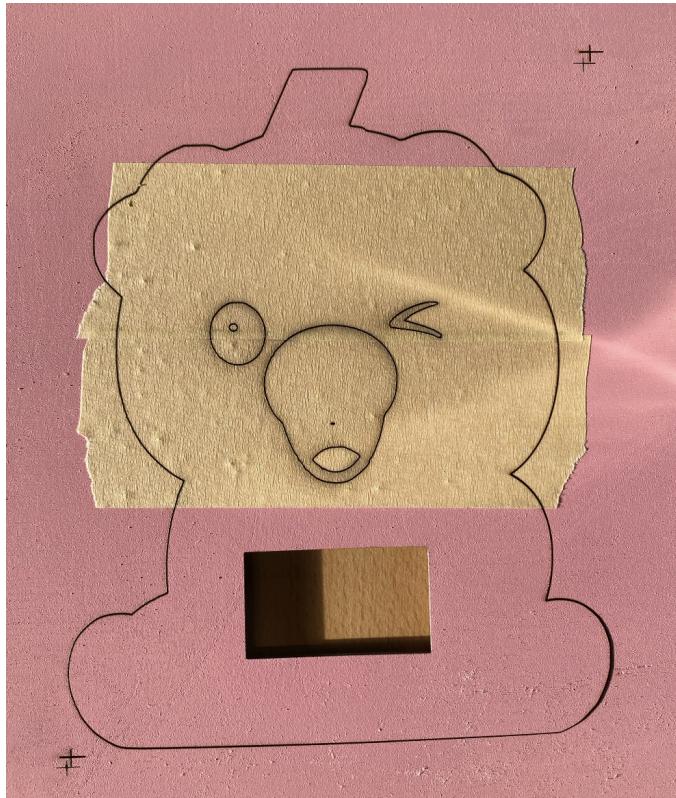
4: When dry, apply masking tape to the front on selected areas:

From 1 cm above the hole to 7cm above the hole



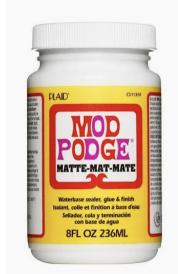
6: Open “Inpiggy_6mm_front.lbrm2”. Align laser according to the two alignment points that were cut through from the back in step 1.

Start cut/engraving.



7: Take off masking tape.

Apply “Mod Podge” on edges. Wait 15 mins to partly dry.



Paint black areas.

Peel off the rest of the masking tape.

Hand paint mouth (red paint).

Various parts

Lightning

Paint / buy some **yellow** 6mm plywood.

Apply masking tape.

Run “piggy_6mm_lightning.lbrn2”.

Apply “Mod Podge” on edges. Wait 15 mins to partly dry.

Paint black borders.

Nose

Paint / buy some **pink** 6mm plywood.

Apply masking tape



Run “Inpiggy_6mm_nose.lbrn2”

Apply “Mod Podge” on edges. Wait 15 mins to partly dry.

Paint black borders.

Feet + Ears

Paint / buy some **pink 3mm** plywood.

Apply masking tape.

Run “Inpiggy_3mm_parts_tape.lbrn2”

Apply “Mod Podge” on edges. Wait 15 mins to partly dry.

Paint black borders.

Stands

Paint / buy some **black** 6mm plywood. It should be black on **both** sides.

Run cut/engrave “piggy_6_mm_stand.lbrn”.

Finishing touches

- Glue nose/feet/ears/lightning on the front using superglue.
- Mount the stands on the back using superglue/nano gel tape.
- Attach the battery to the back of the pig using nano gel tape.
- Attach the ESP32 to the back of the pig using nano gel tape.

Finished pig

