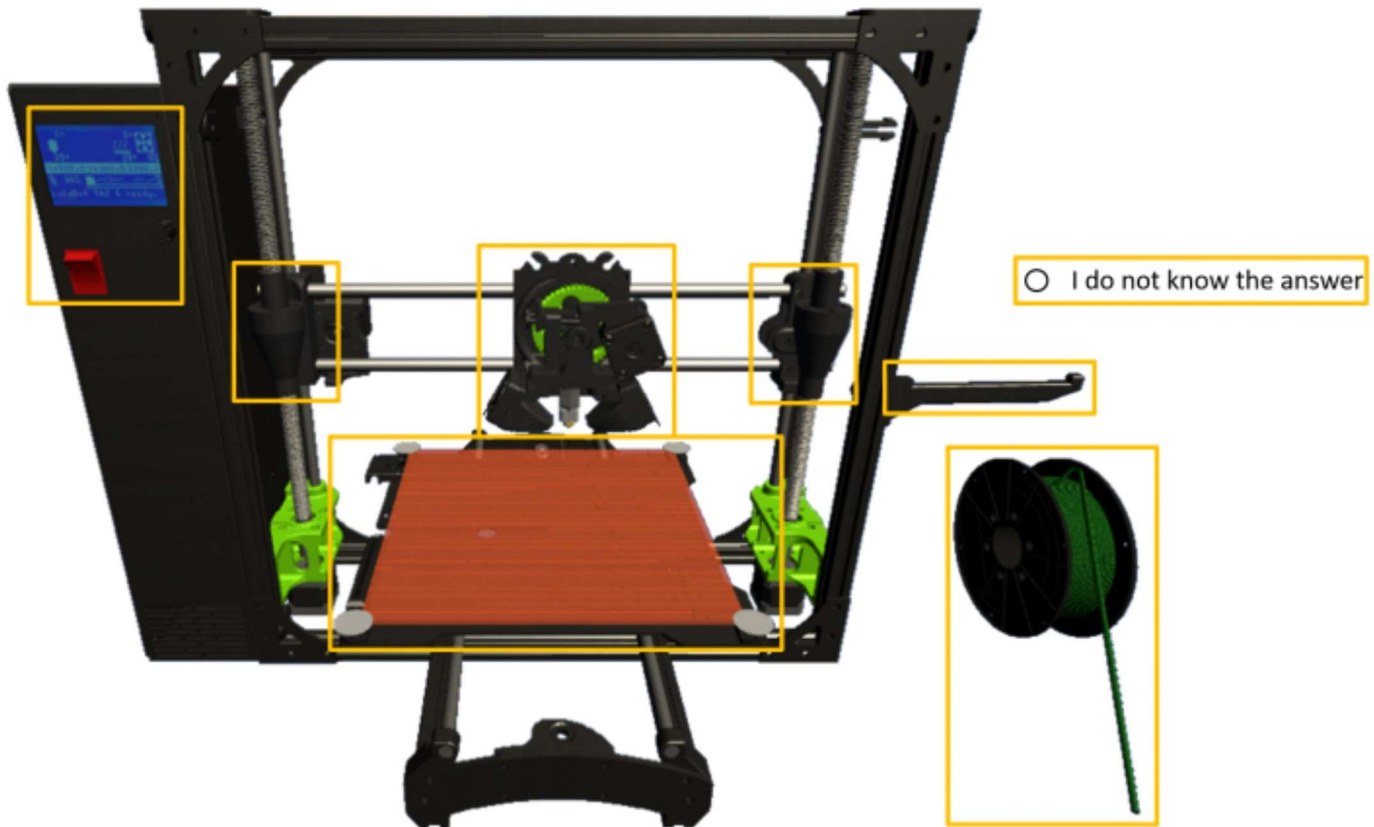
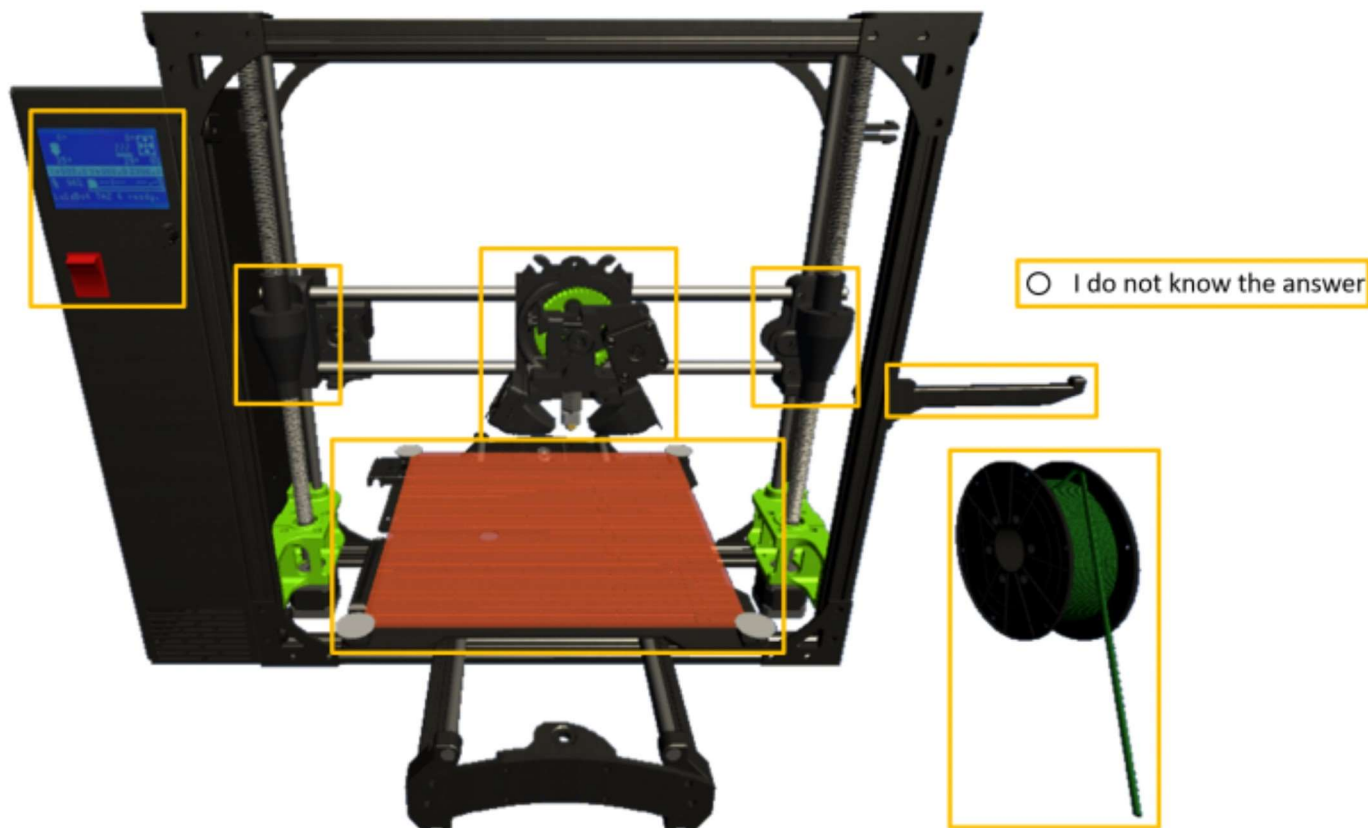


Please answer the following questions by selecting the region that best describes the correct answer. **If you do not know the answer, select "I don't know the answer". PLEASE DO NOT GUESS.**

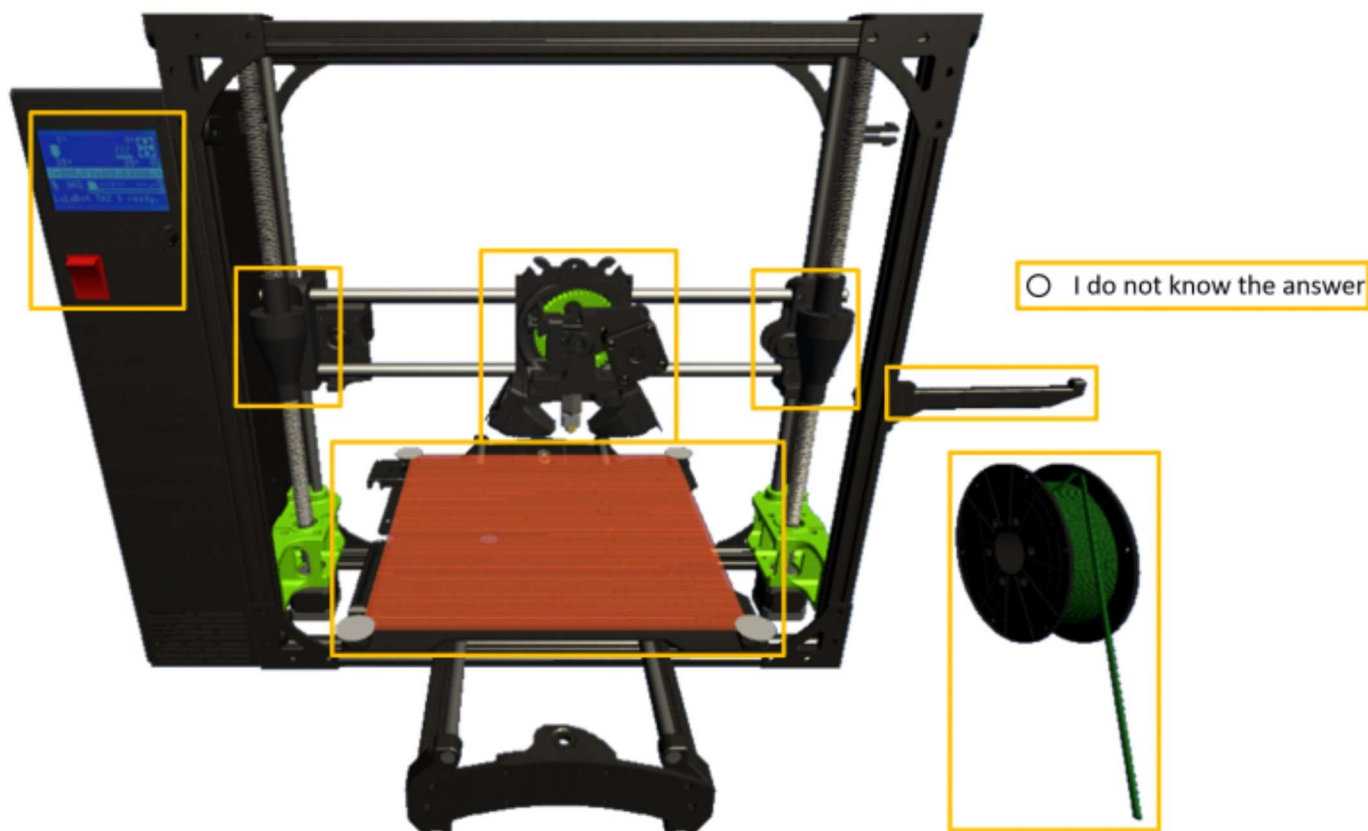
What is the source of the filament (i.e., where is it originally stored)?



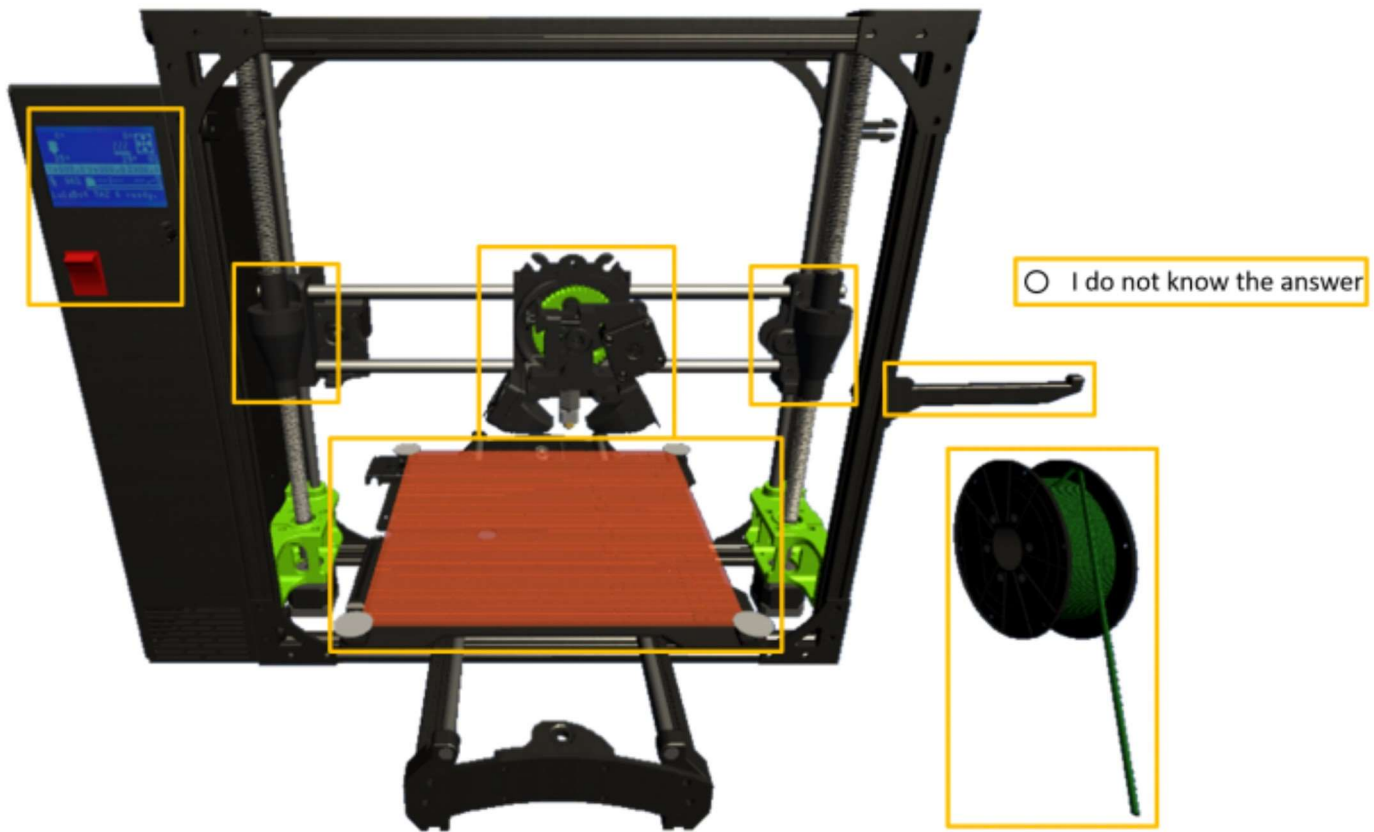
Where does the filament go into the machine?



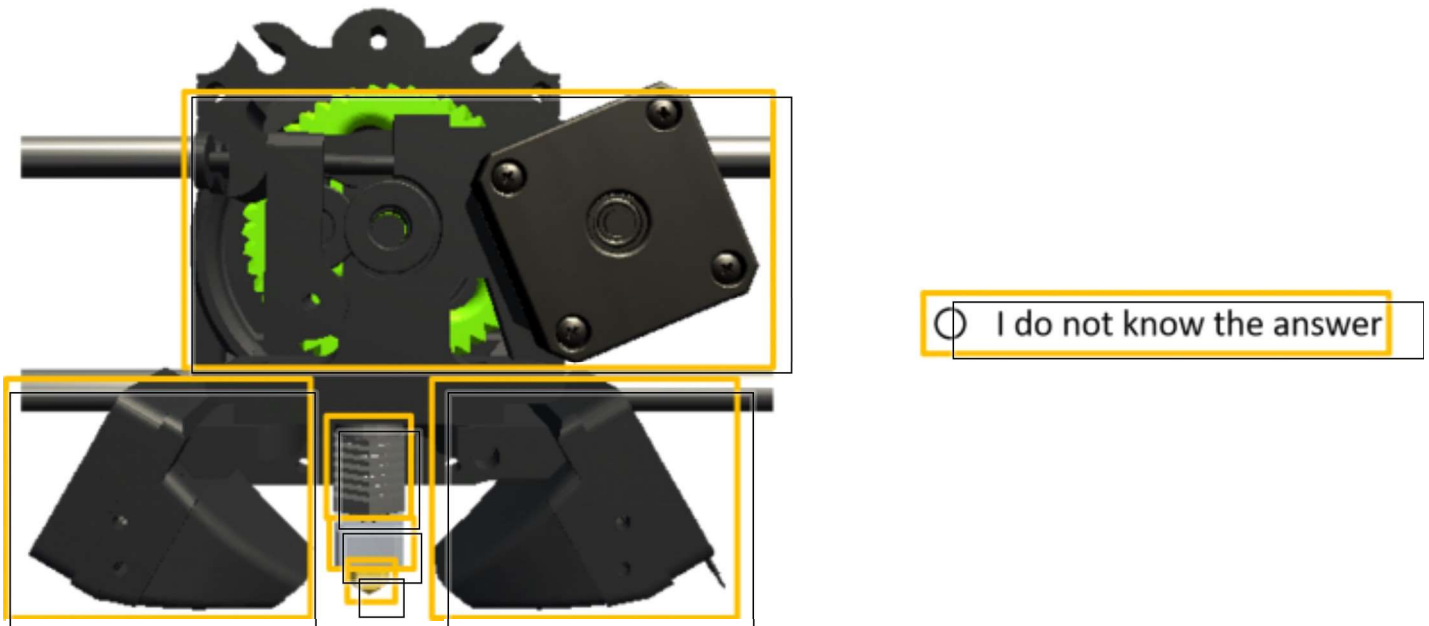
Where is the part built (i.e., where is the build area)?



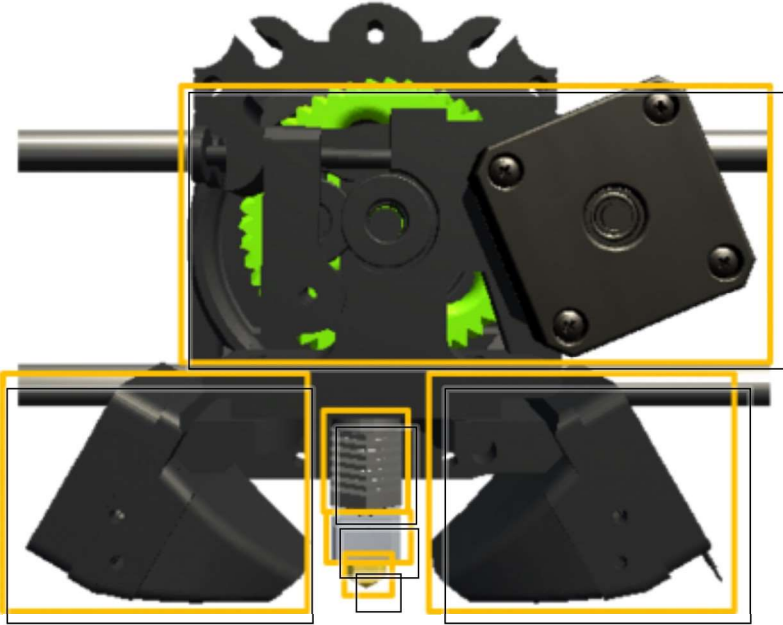
What **parts** of the machine move together to selectively deposit transformed filament across the build volume?



What part, system, or assembly is used to feed or push new filament down through the extruder?

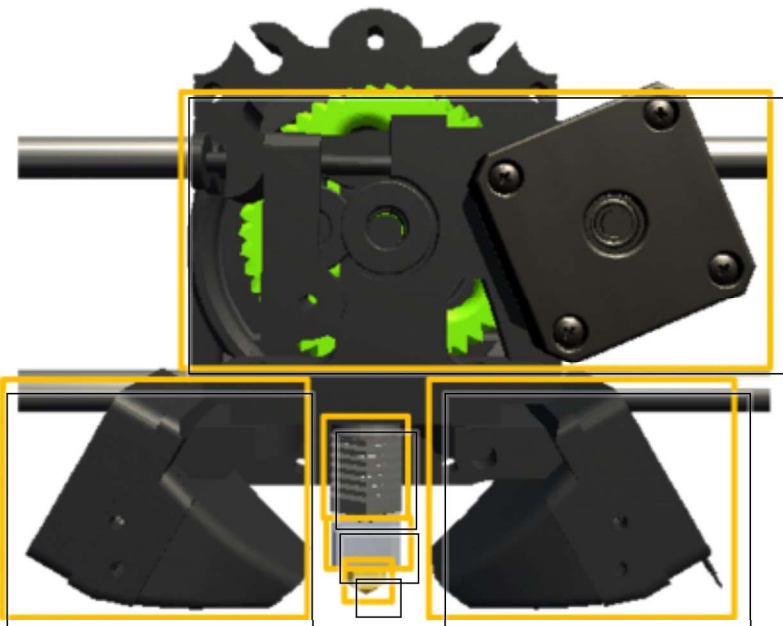


Where is the filament transformed into its final state before being deposited?



I do not know the answer

What part is used as an outlet to channel the material being deposited?



I do not know the answer

Please select an answer the from the following options that best describes the correct answer. **If you do not know the answer, select "I don't know". PLEASE DO NOT GUESS.**

How does this additive manufacturing process transform the filament into the extruded material?

- It uses pressure to make the filament more flexible and close rubber-like.
- It uses friction to remove excess the outer filament and extrudes only the solid core inside.
- It uses thermal energy to melt the filament into a semi-solid.
- It uses hot air from the fans to partially melt the filament into a semi-solid.
- I don't know

Select **all the options** that are required to form a new layer of the part. **If you do not know the answer, ONLY select "I don't know". PLEASE DO NOT GUESS.**

- Supply of new material.
- A way to transform the material to the final state.
- A system to distribute the transformed material across the build volume.
- Support structures.
- I don't know.

Select **all the options** that are required to support the formation of a **second** new layer. **If you do not know the answer, ONLY select "I don't know". PLEASE DO NOT GUESS.**

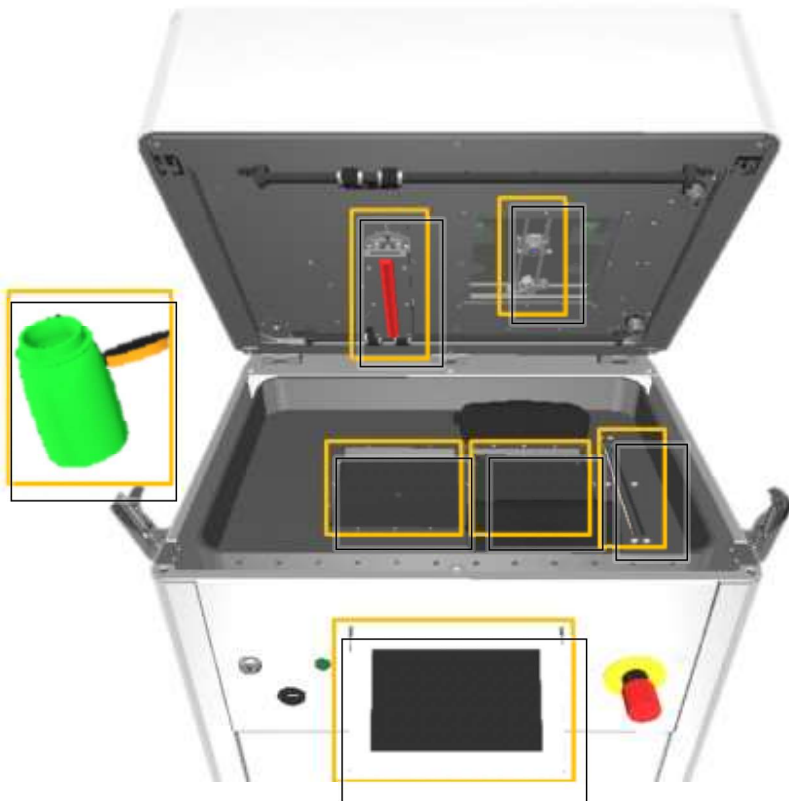
- A bed of powder.
- Sacrificial support structures.
- The part itself.
- The spool holder.
- I don't know.

Please answer the following questions by selecting the region that best describes the correct answer. **If you do not know the answer, select "I don't know the answer". PLEASE DO NOT GUESS.**

Where is the powder originally stored (i.e., where does it come from)?

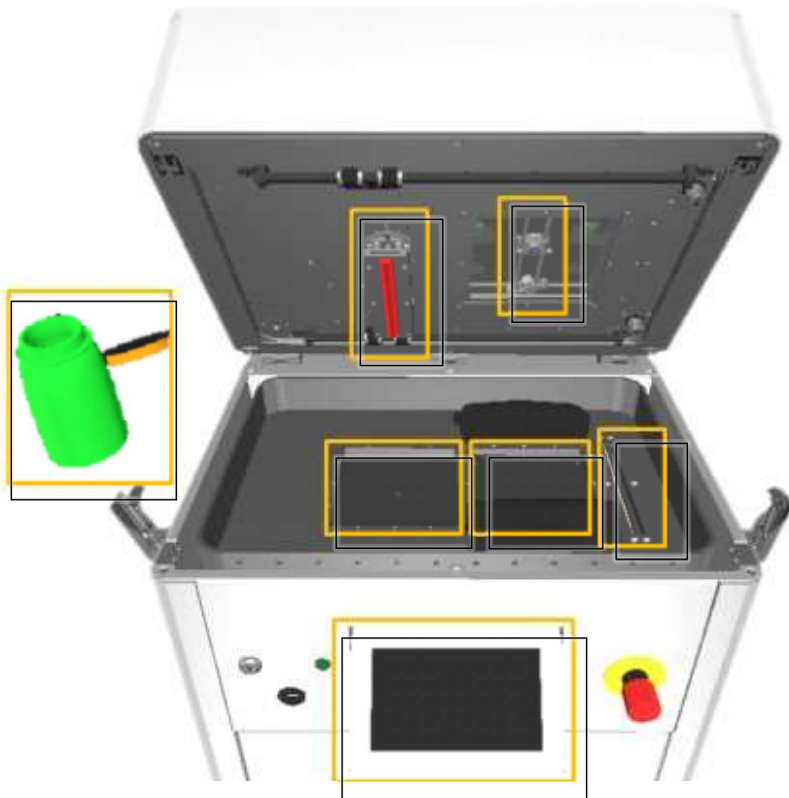


Where do you add the powder into the machine?



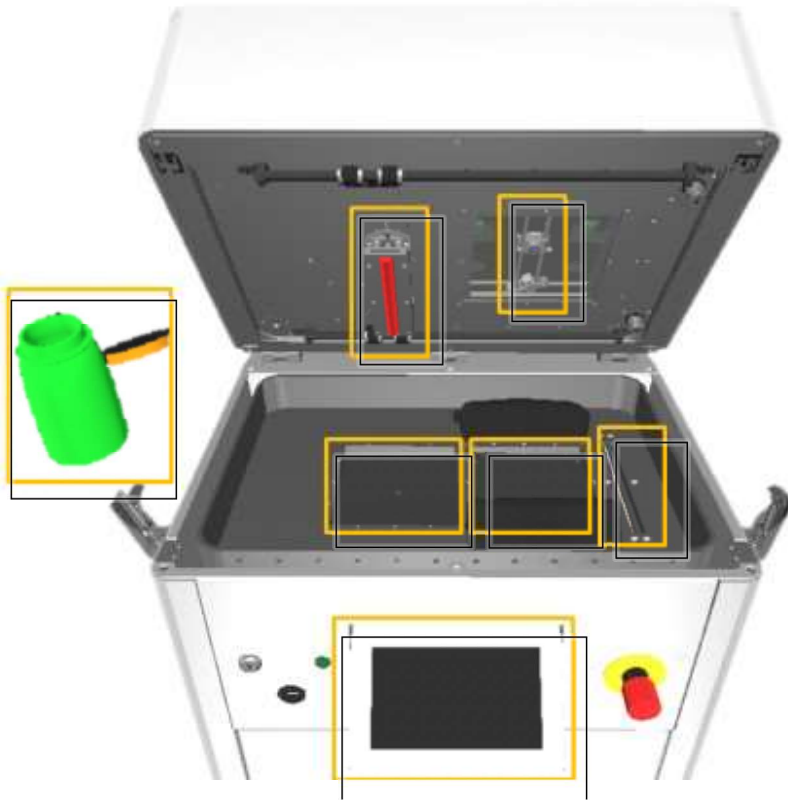
I do not know the answer

Where is the part built (i.e., where is the build area)?



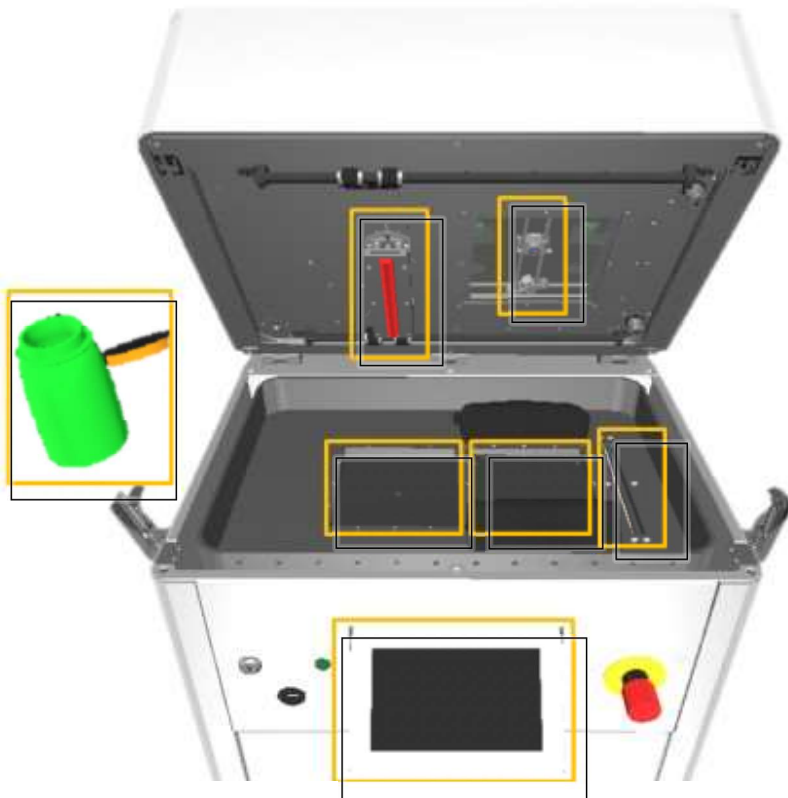
I do not know the answer

What part is used to spread new powder onto the build area?



I do not know the answer

Where does the excess material go?



I do not know the answer



What part, system, or assembly is used to transform the powder into its final state?



Please select an answer from the following options that best describes the correct answer. **If you do not know the answer, select "I don't know". PLEASE DO NOT GUESS.**

How does this additive manufacturing process transform the powder into the final state?

- It uses thermal energy to partially melt and join the powder.
- It uses ultraviolet light to join the powder.
- It uses selectively deposited glue or binder to join the powder.
- It uses hot air to join the powder.
- I don't know

Select **all the options** that are required to form a new layer of the part. **If you do not know the answer, ONLY select "I don't know". PLEASE DO NOT GUESS.**

- Supply of new material.
- A way to transform the material to the final state.
- A system to distribute the transformed material across the build volume.
- Support structures.
- I don't know.

Select **all the options** that are required to support the formation of a **second** new layer. **If you do not know the answer, ONLY select "I don't know". PLEASE DO NOT GUESS.**

- A bed of powder.
- Sacrificial support structures.
- The part itself.
- The excess powder bottle.
- I don't know.