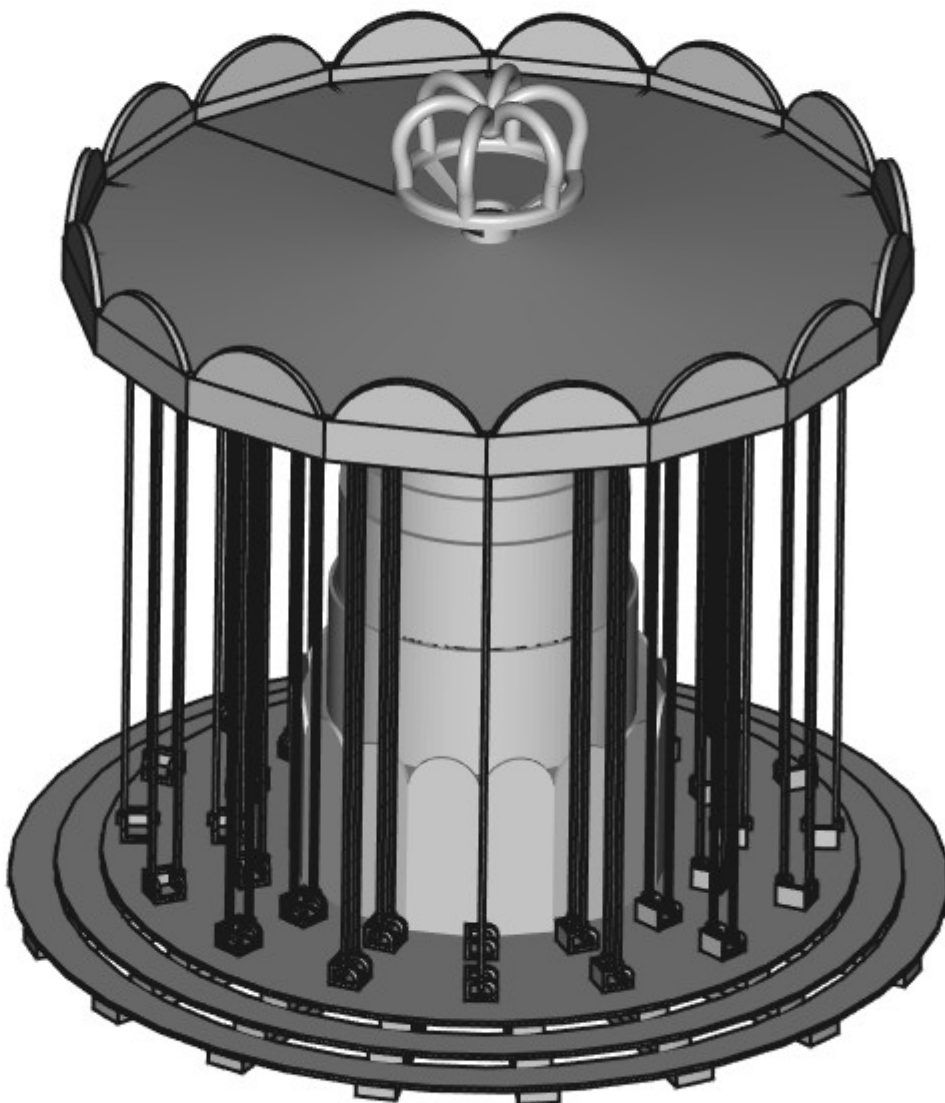




Assembly Instructions

Wellenflug





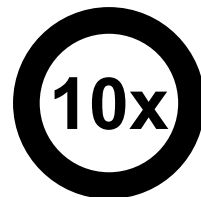
Explanation of symbols



Optional: Decide between two or more options. You need only one.



Screwdriver: Fix this part with a screw.



Repeat this step the number of times in the circle.



Don't glue these parts.



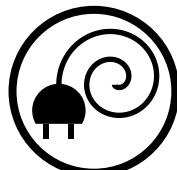
Number of current step



Optional: You can decide whether ou want this part or not. It's not necessary.



Apply some precision engineering oil for better movement. Mind to use plastic-friendly oil.



Install cables in this step.

Partlist

Printed part	Number of prints
biegehilfe.stl	1
dach.stl	1
dach_unterkonstruktion.stl	1
dachrand_alternative.stl or dachrand_standard.stl	1
dreh_mechanik_oben.stl	1
dreh_mechanik_unten.stl	1
grundplatte.stl	1
hublift.stl	1
krone.stl	1
ring1.stl	1
ring2.stl	1
ring3.stl	1
sitz_32x.stl	32
sitz_kette_32x.stl	32
treppe1.stl	1
treppe2.stl	1
treppe3.stl	1
turm.stl	1
turm_dach.stl	1
zahnrad.stl	1

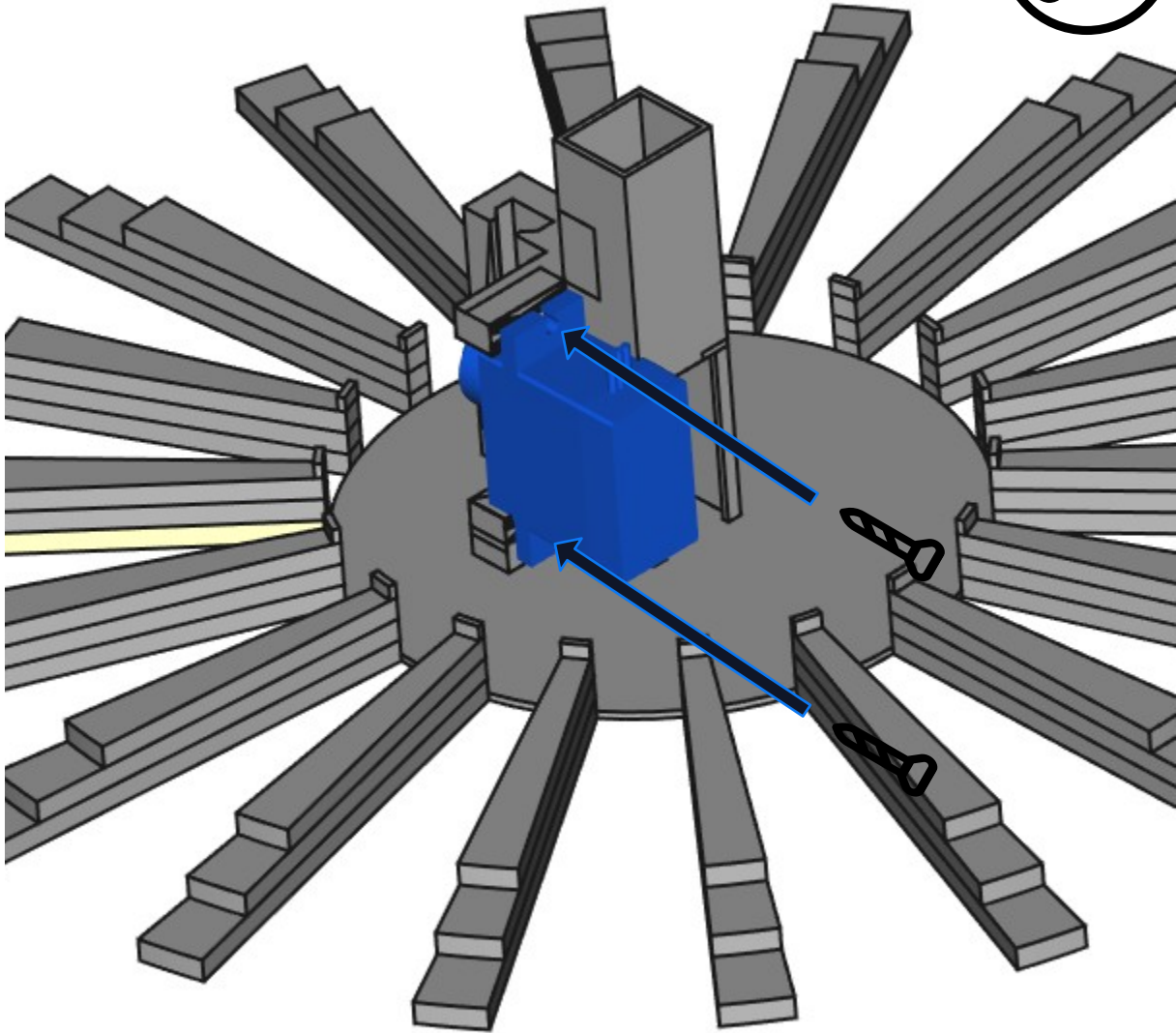


Other parts	Number of parts
DC geared motor N20 30RPM	1
DC geared motor N20 60RPM	1
L298N motor driver	1
Arduino uno (or similiar)	1
Servo SG90	1
some copper wire 0.6mm	

Assembly



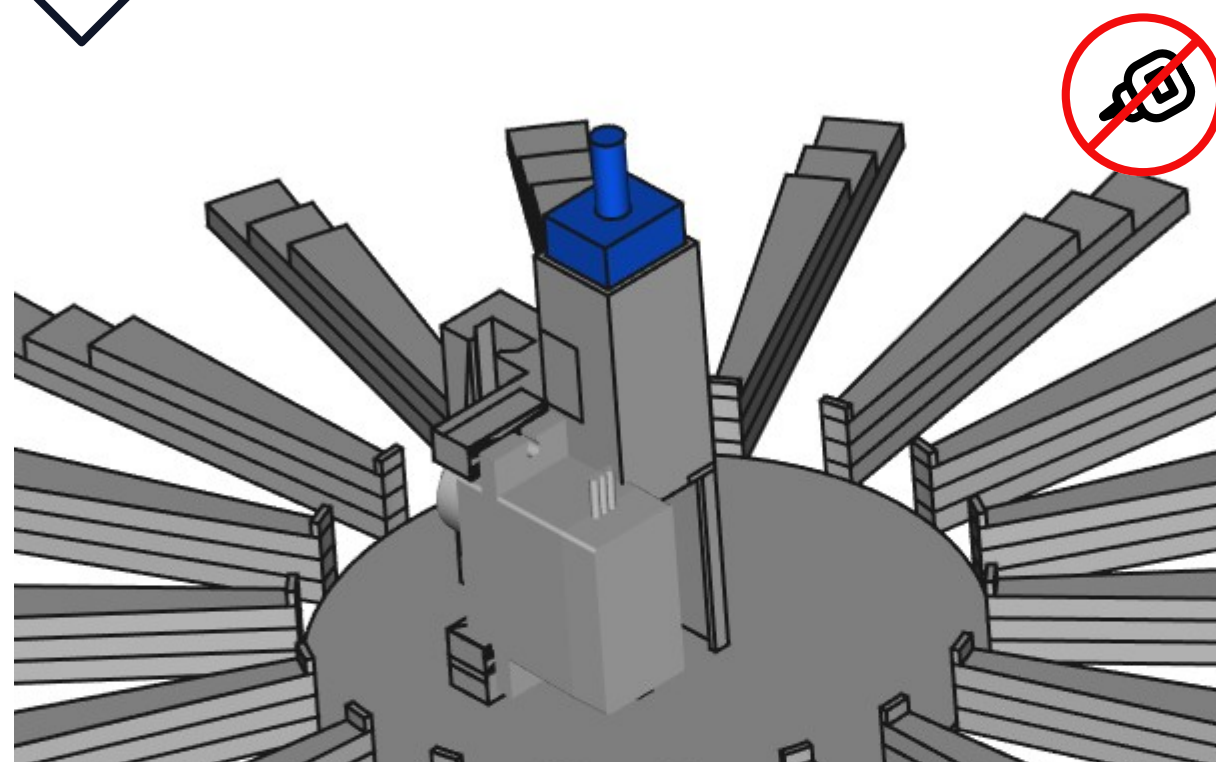
grundplatte.stl
servo





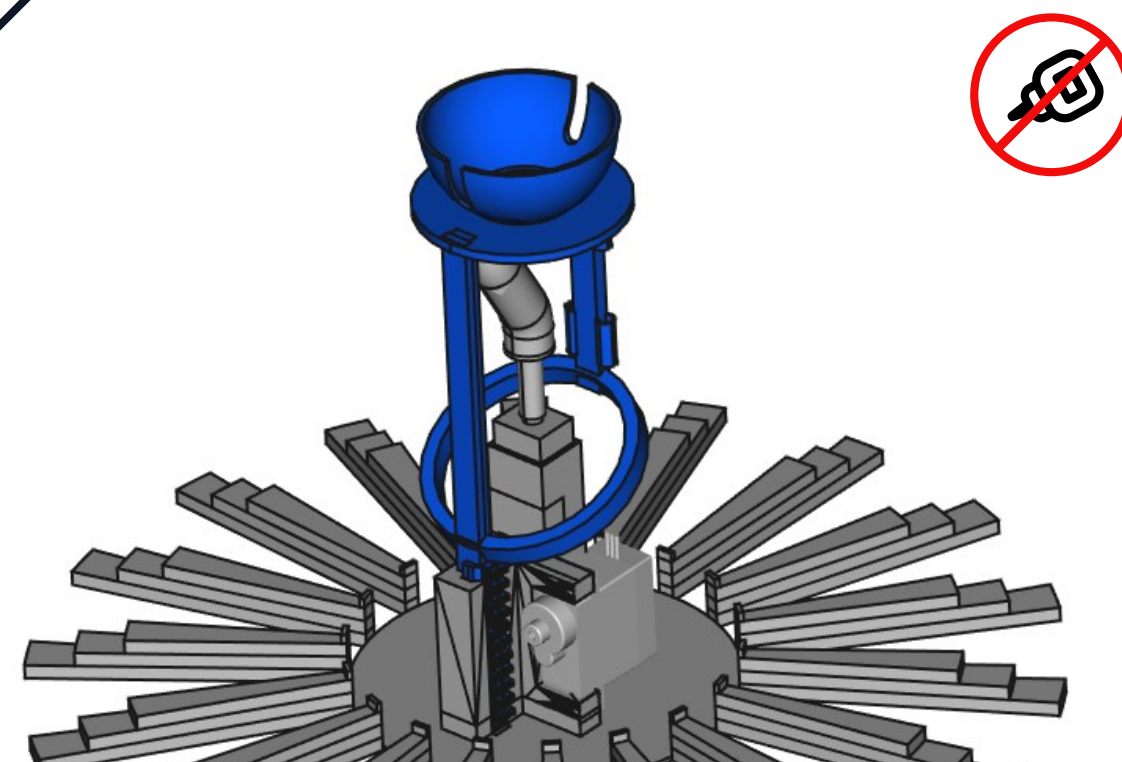
2

N20 motor 60RPM



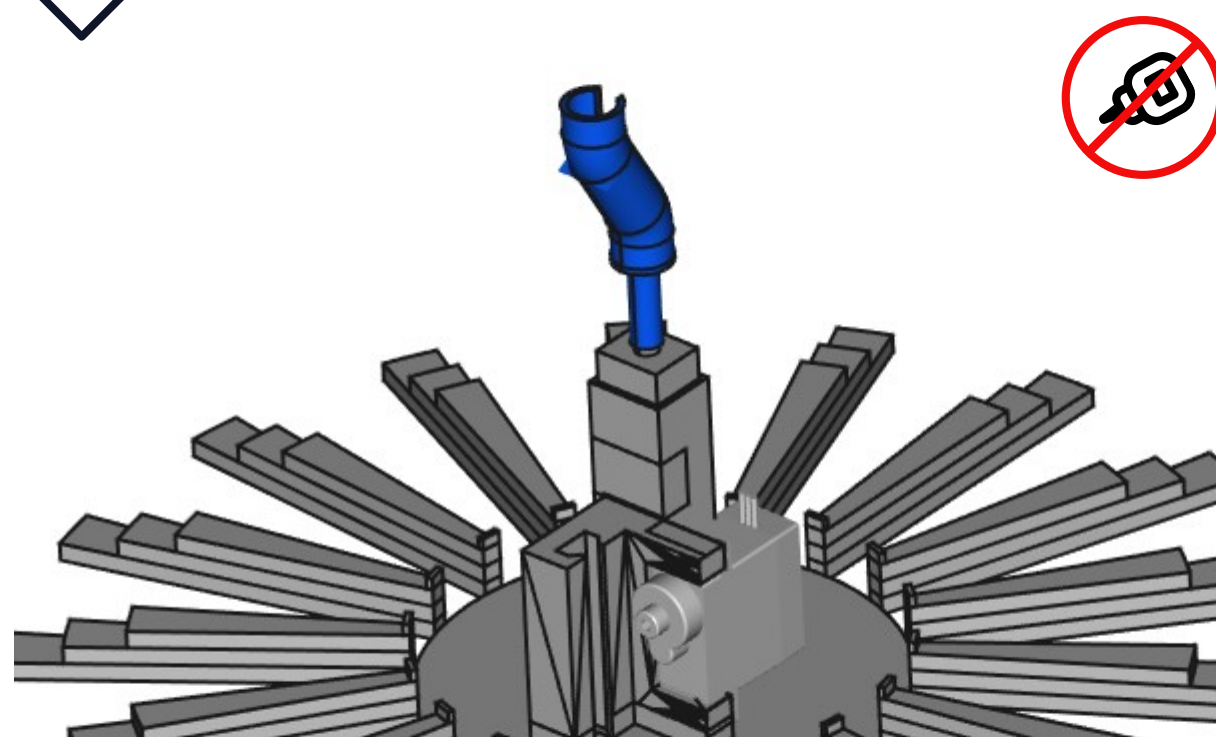
4

hublift.stl



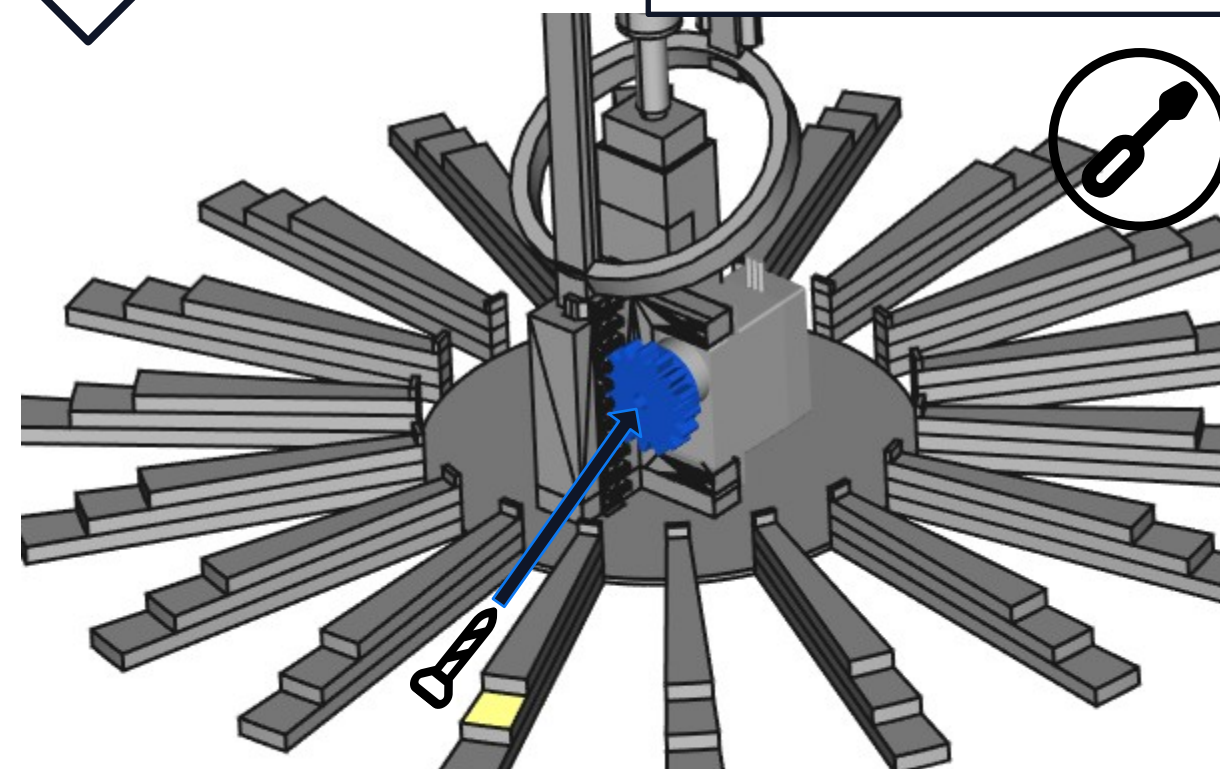
3

dreh_mechanik_unten.stl



5

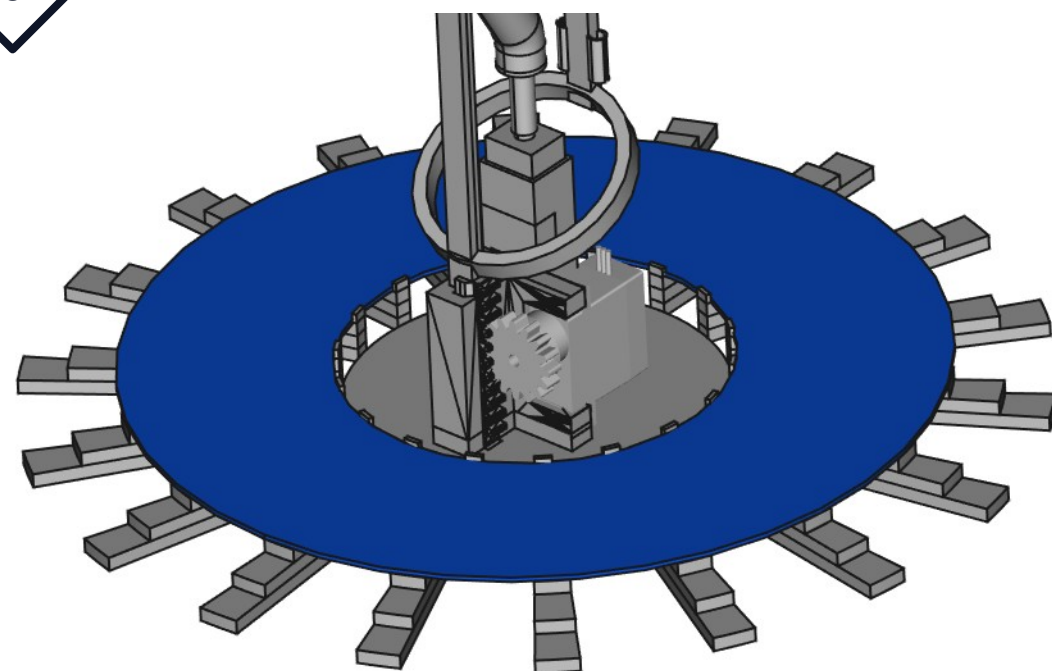
zahnrad.stl





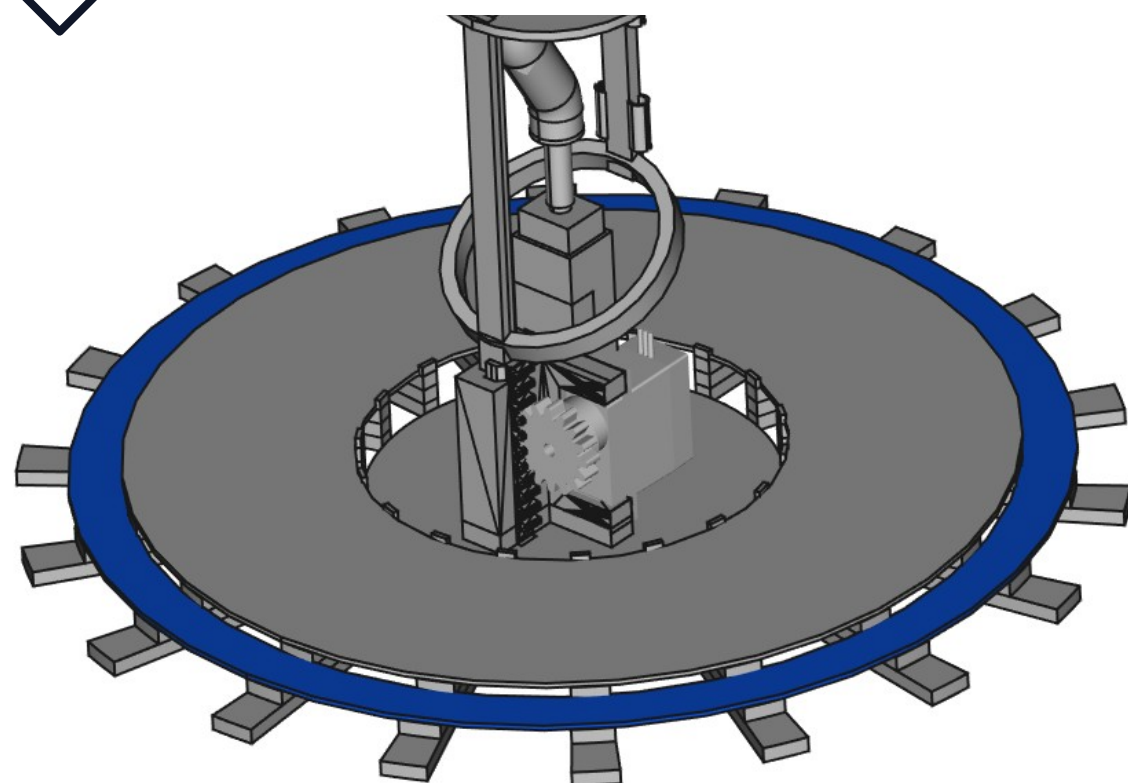
6

treppe3.stl



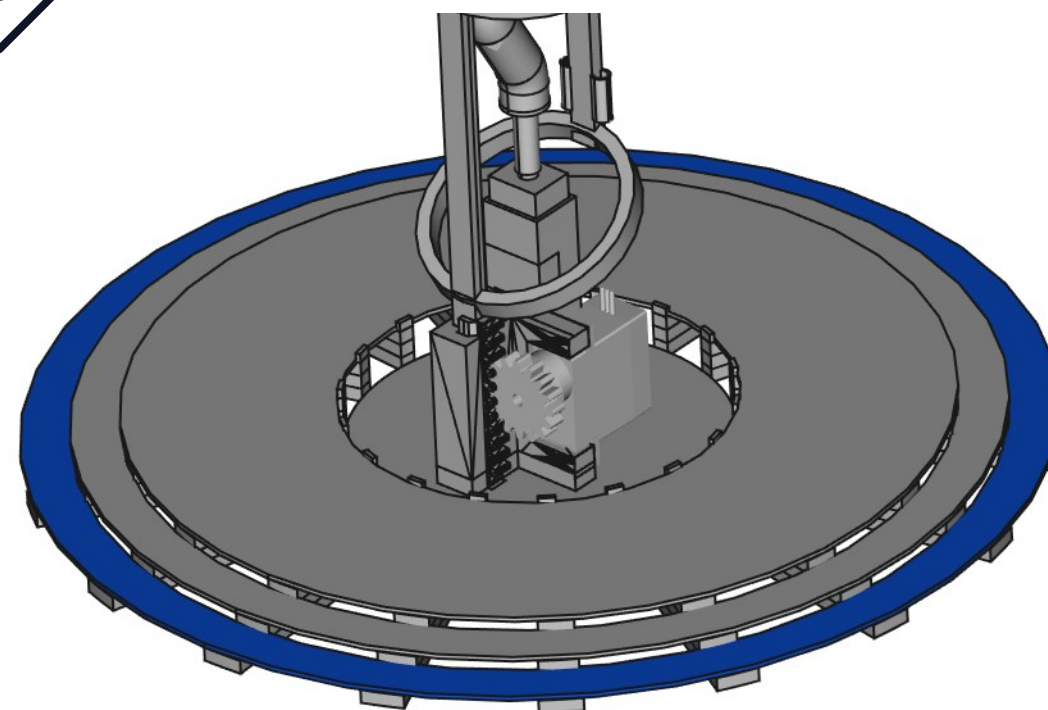
7

treppe2.stl



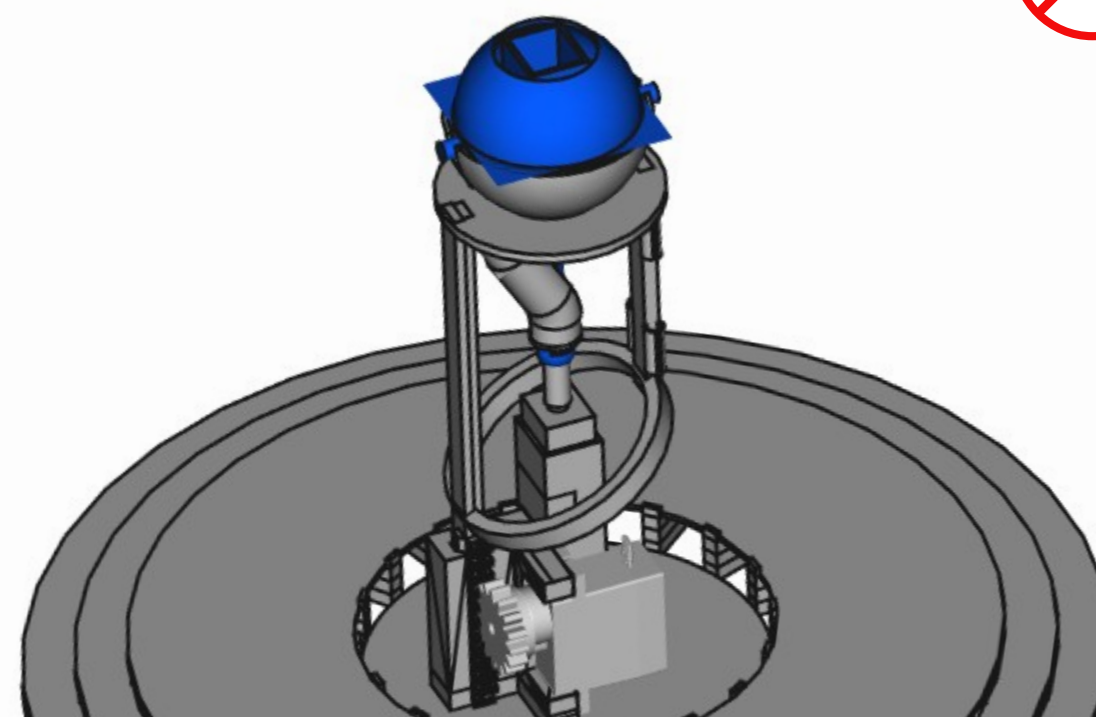
8

treppe1.stl



9

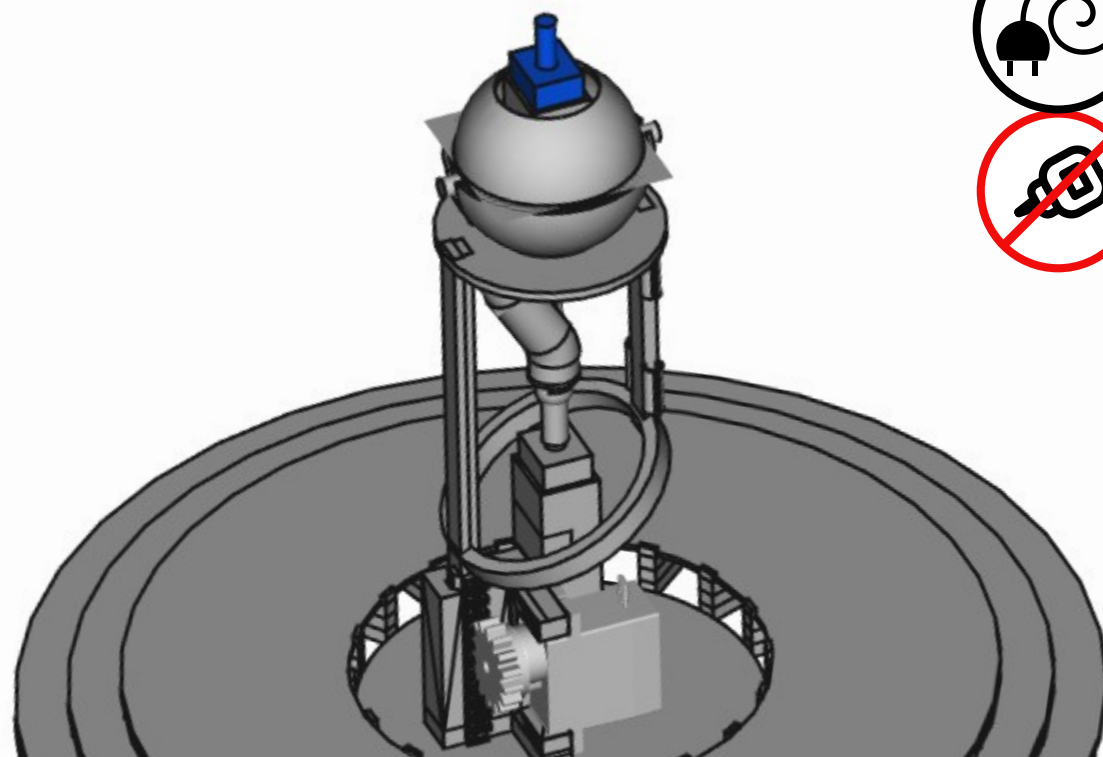
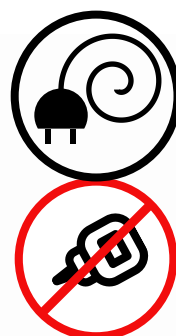
dreh_mechanik_oben.stl



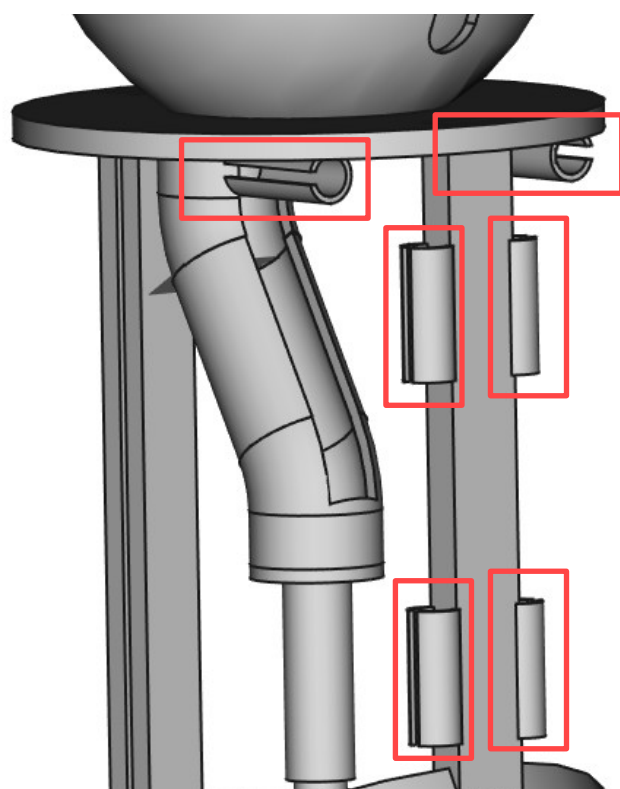


10

N20 motor 30RPM

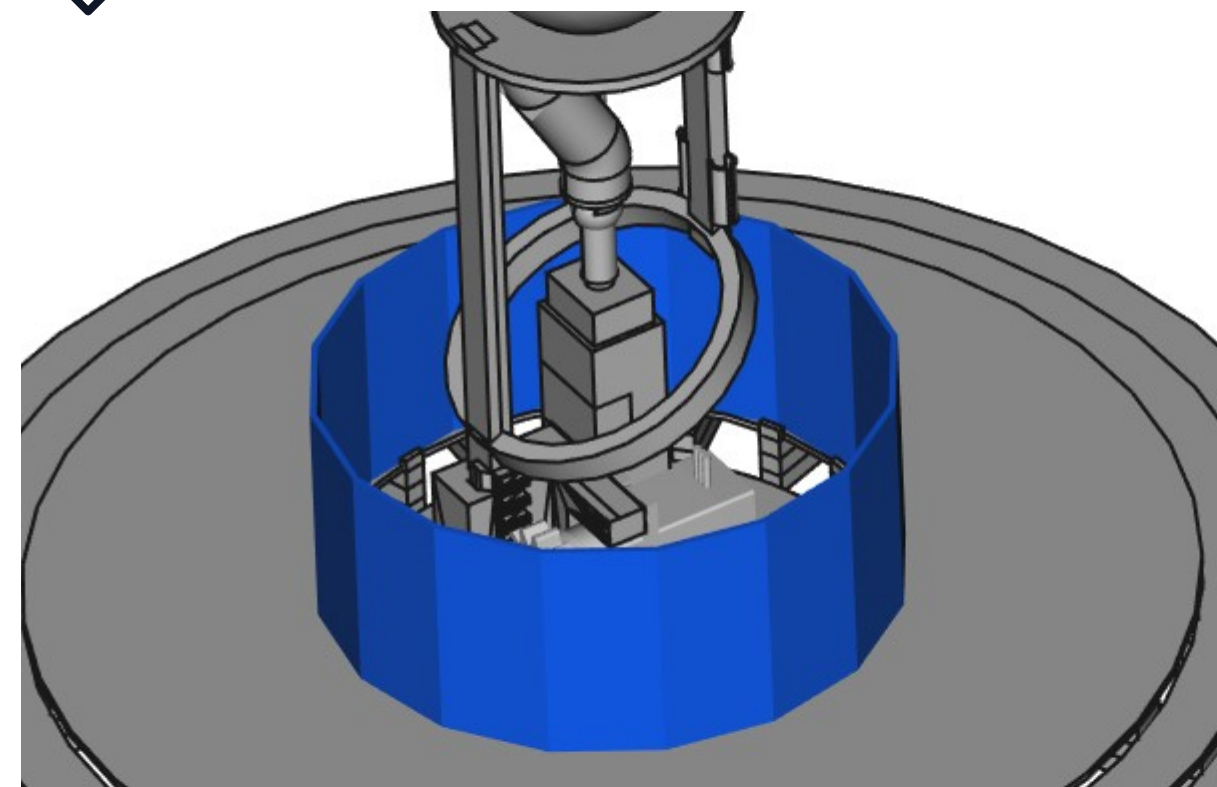


Use this step for wiring. Use the marked holder for cable.



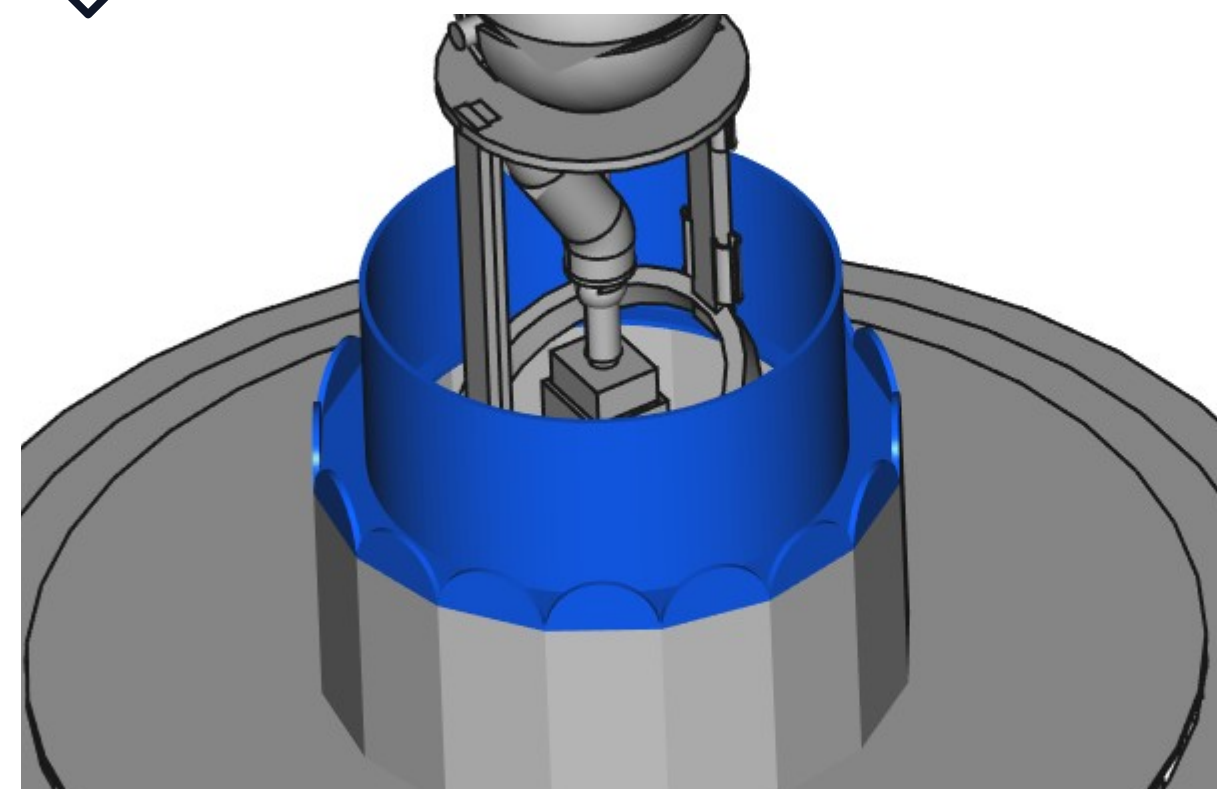
11

turm.stl



12

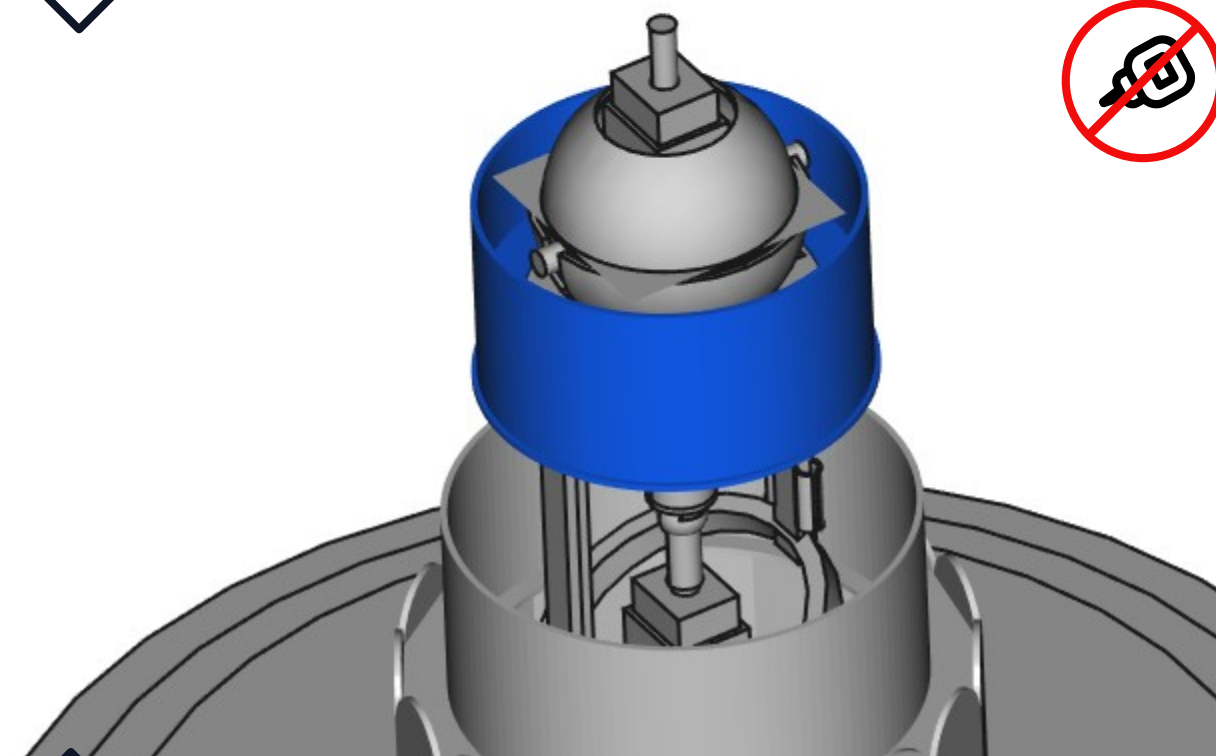
turm_dach.stl





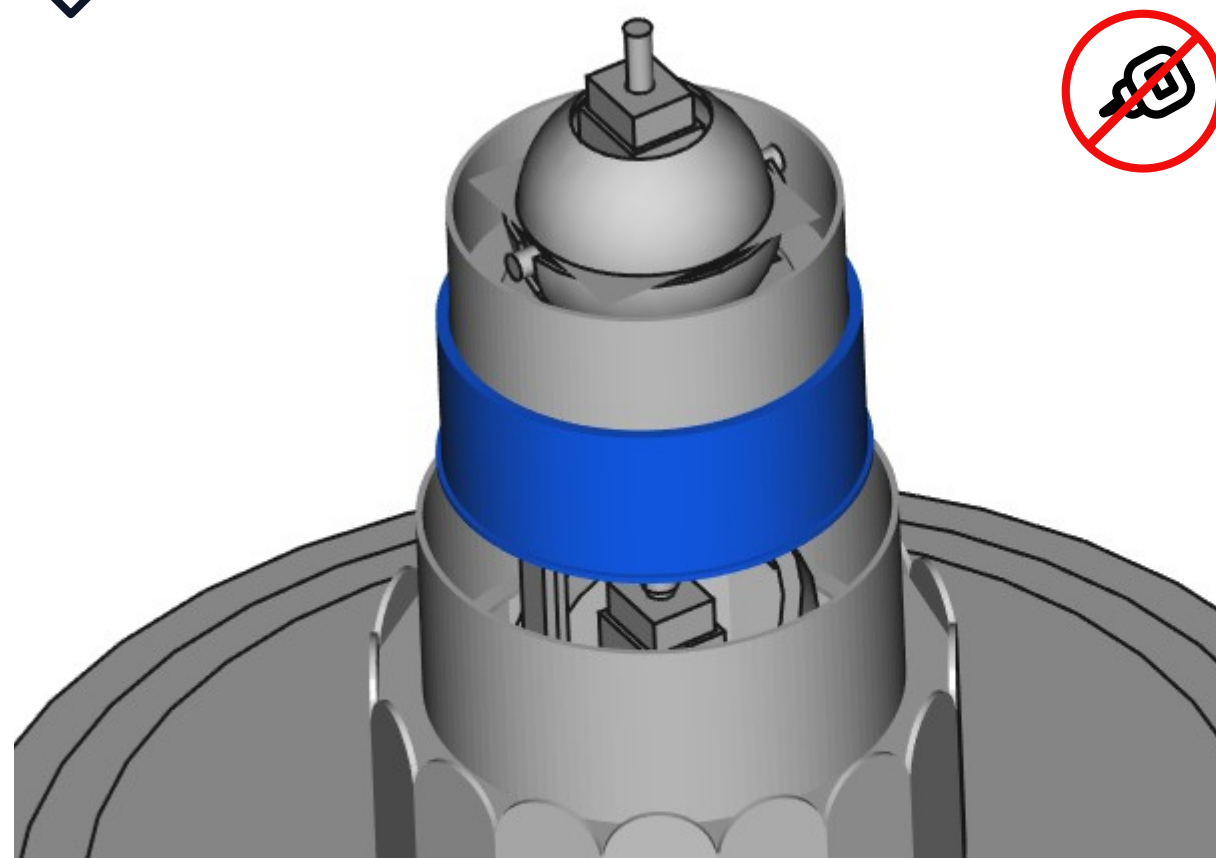
13

ring1.stl



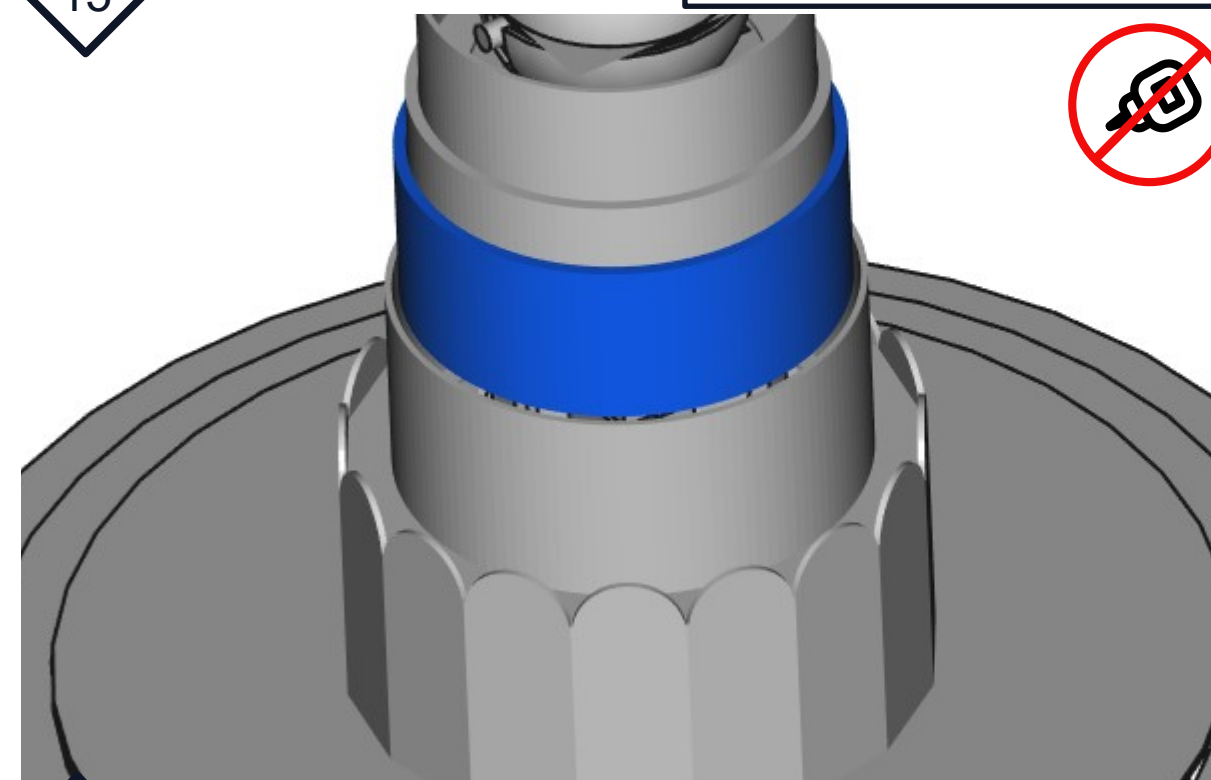
14

ring2.stl



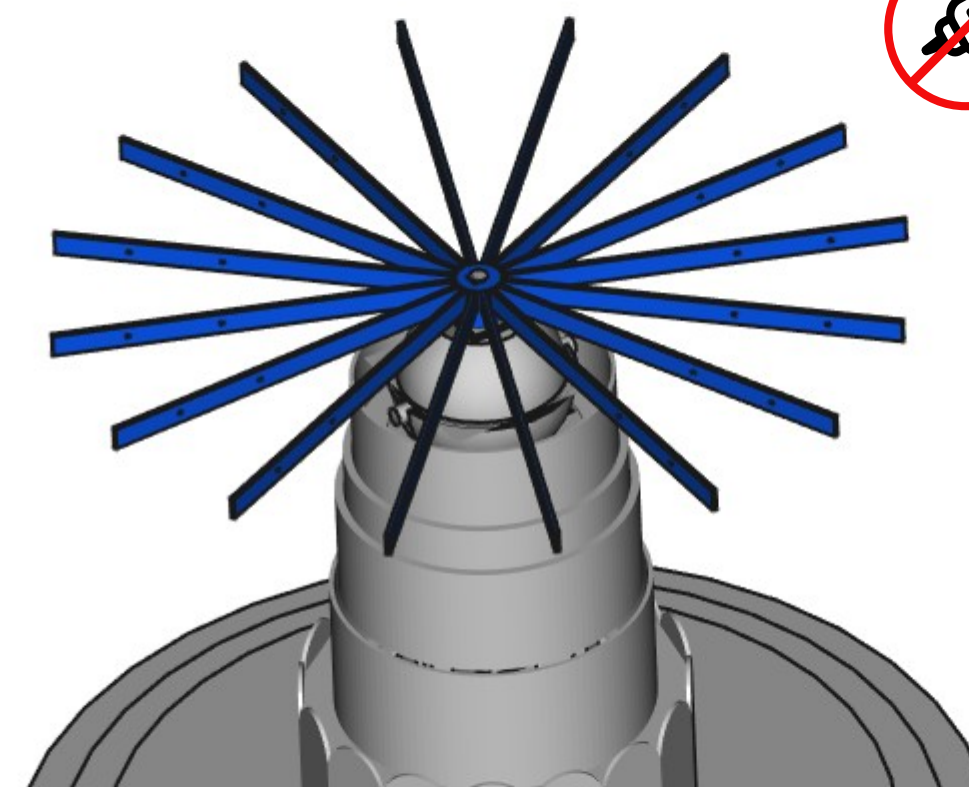
15

ring3.stl



16

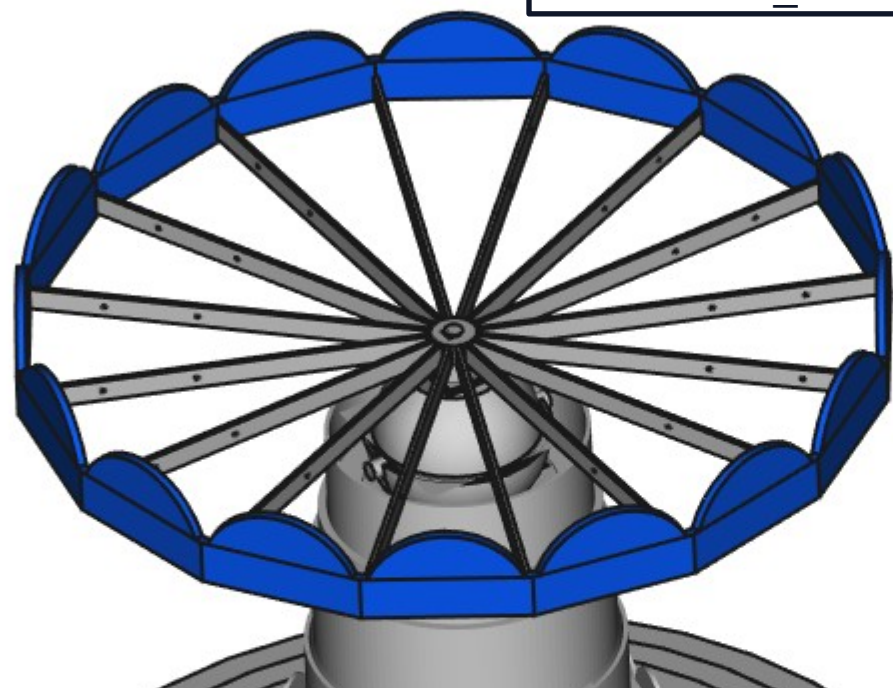
dach_unterkonstruktion.stl





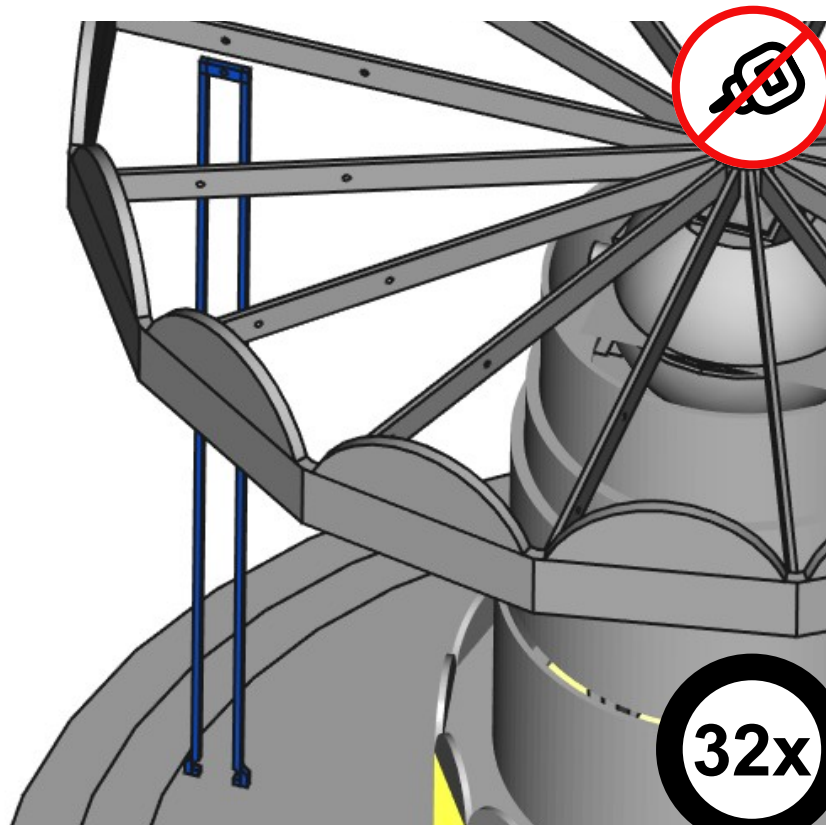
17

dachrand_standard.stl
or
dachrand_alternative.stl



18

sitz_kette_32x.stl

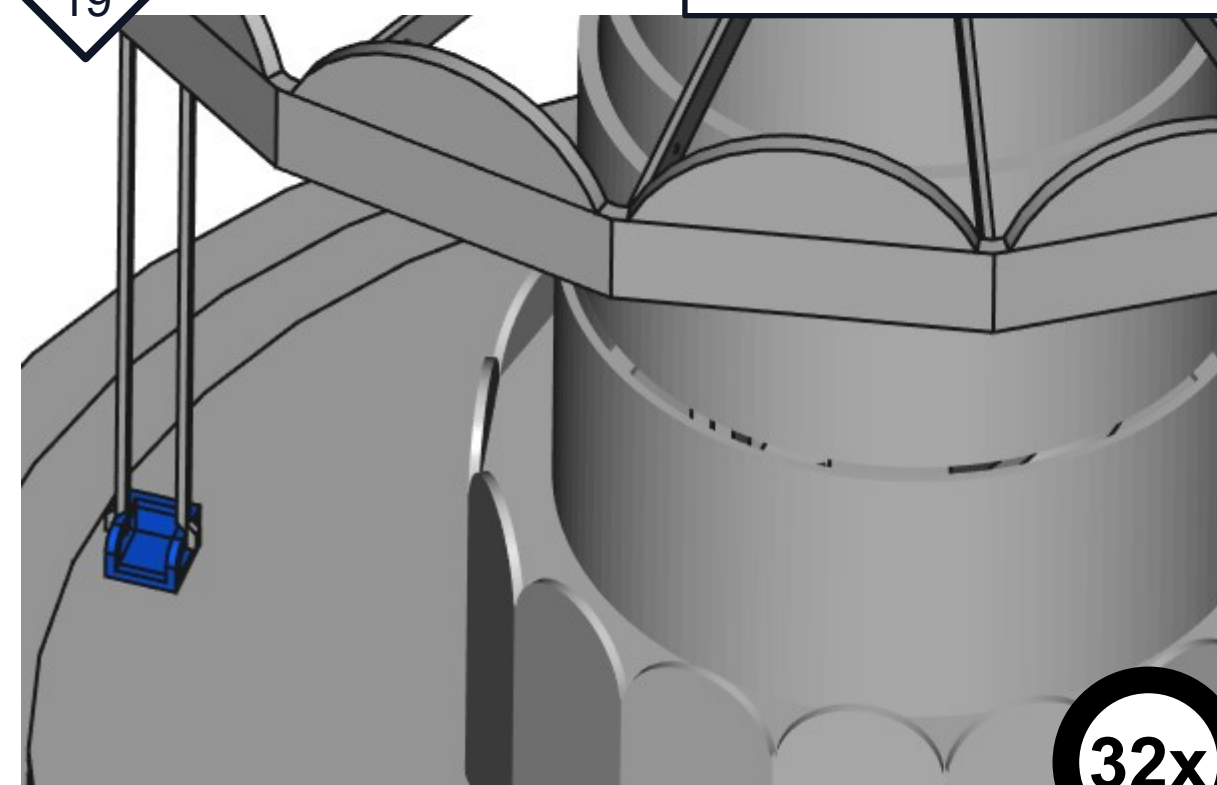


For detailed
instructions use:
„how to use
biegehilfe_stl.pdf“

32x

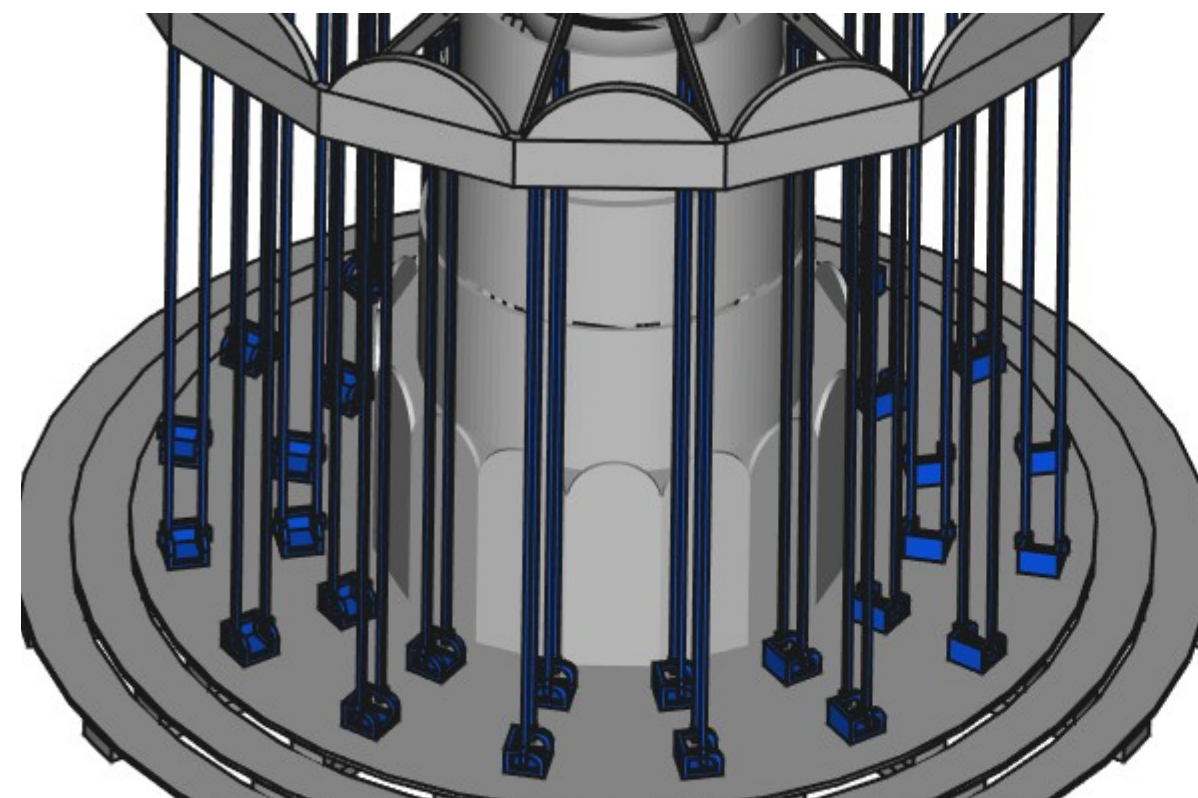
19

sitz_32x.stl



32x

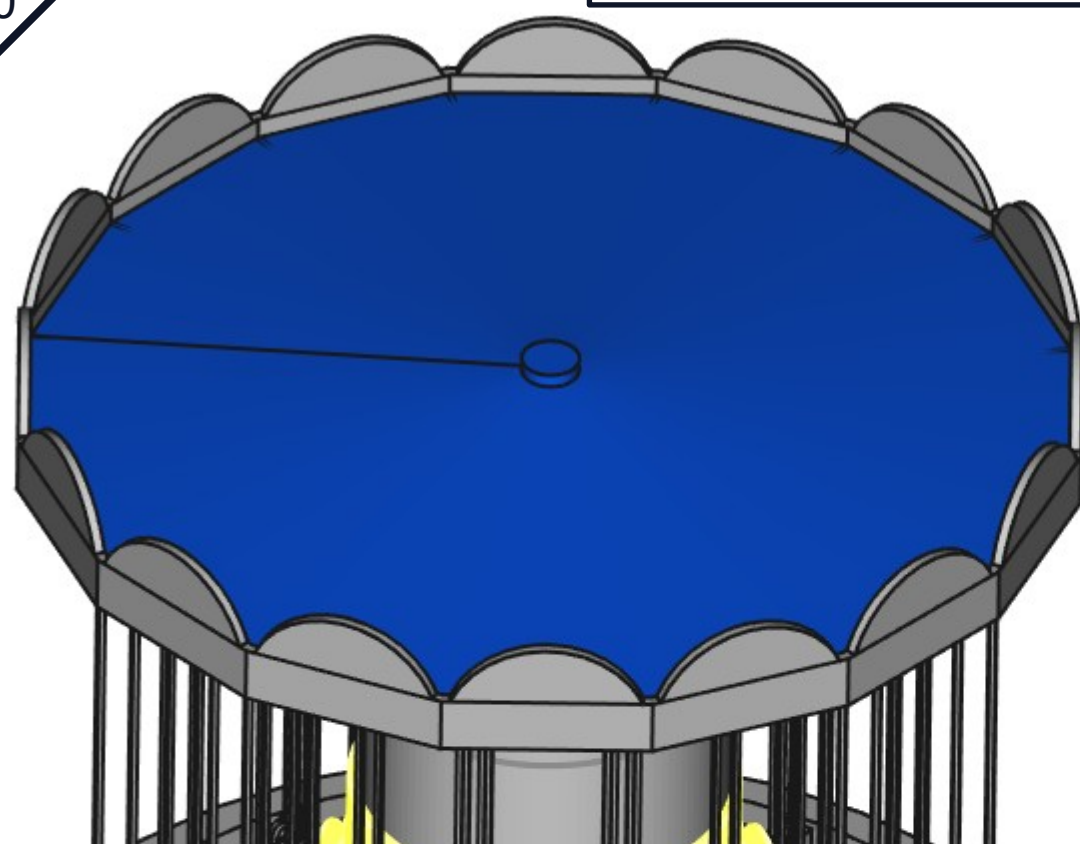
Result:





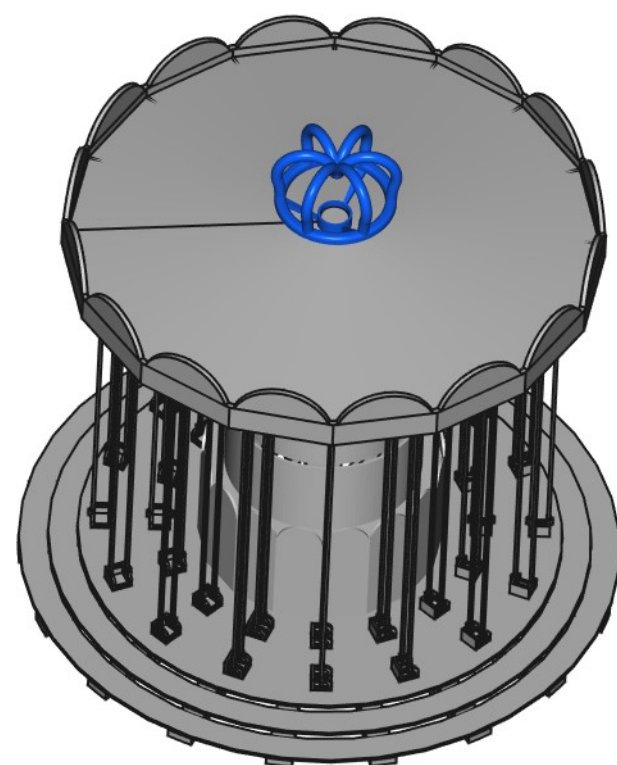
20

dach.stl



21

krone.stl



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