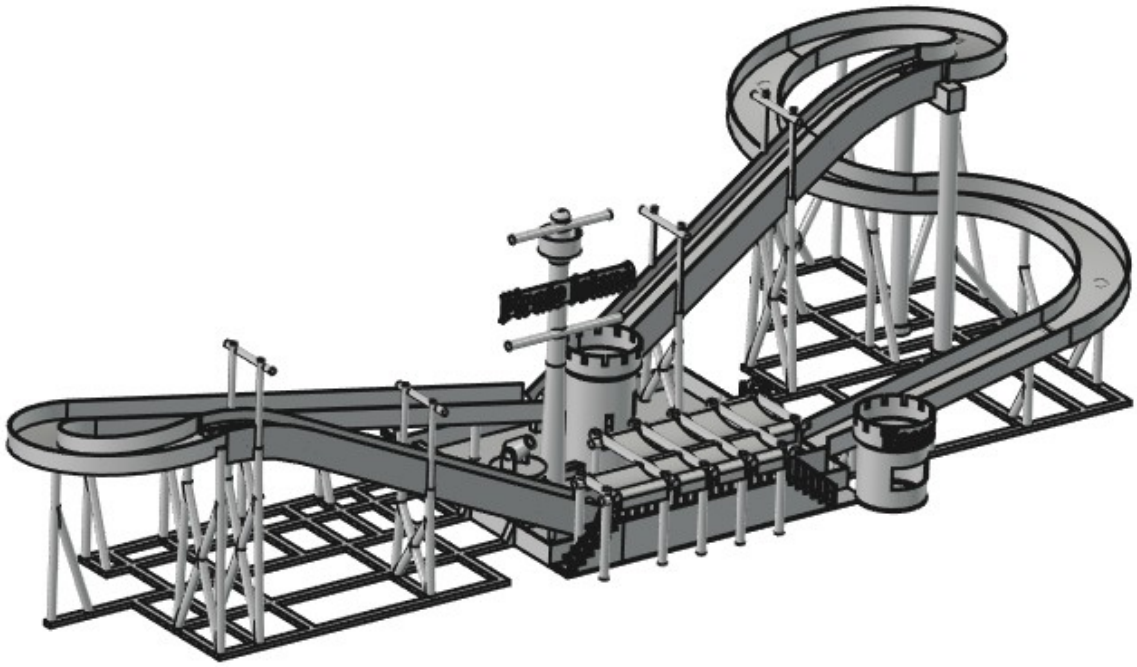
Assembly Instructions

Pirate Island



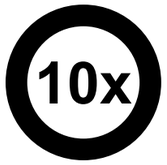
Explanation of symbols



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 you want this part or not. It’s not necessary.



Apply some precision engineering oil for better movement. Make sure to use plastic-safe precision oil.



Install cables in this step.

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Parts list

Printed part	Special print settings	Number of prints
AK1-L.stl		1
AK1-R.stl		1
AK2-L.stl		1
AK2-R.stl		1
AK3-L.stl		1
AK3-R.stl		1
AK-R1.stl	TPU	1
AK-R2.stl	TPU	1
AK-R3.stl	TPU	1
AK-RA.stl		3
AK-RL.stl		3
B.stl	Infill: 100%	4
BK.stl		12
D1.stl		1
D2.stl		1
D3.stl		1
D4.stl		1
DT1.stl		1
DT2.stl		1
DT3.stl		1
DTD.stl		1
E.stl	Fuzzy Skin: Contour	1
G.stl		1
K1.stl		2
K2.stl		4
KD_<XX>.stl		1
KD1.stl		1

Printed part	Special print settings	Number of prints
KD2.stl		1
KH.stl		1
M.stl		1
MS.stl		1
MT1.stl		1
MT2.stl		1
P.stl		1
R1.stl		1
R2.stl		1
R3.stl		1
R4.stl		1
R5.stl		1
R6.stl		1
S.stl		2
SE1.stl		1
SE2.stl		2
ST.stl		1
T.stl		2
T1.stl	Fuzzy Skin: Contour	1
T2.stl	Fuzzy Skin: Contour	3
T3.stl	Fuzzy Skin: Contour	1
UK1.stl		1
UK2.stl		1
UK3.stl		1

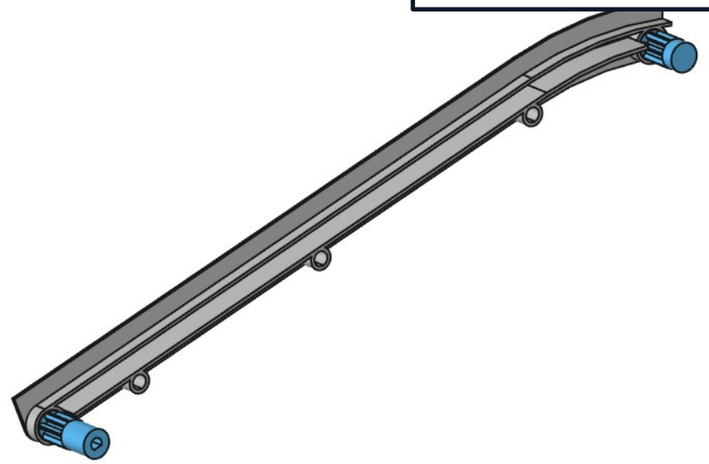
Other parts	Number of parts
DC geared motor N20 50RPM 6V	3
wire 30AWG	2x approx. 30cm

mini-fair

Assembly

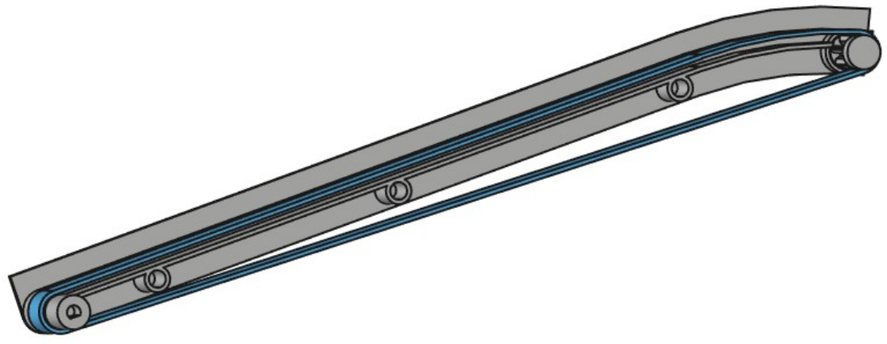
1

AK1-L.stl
AK-RA.stl
AK-RL.stl



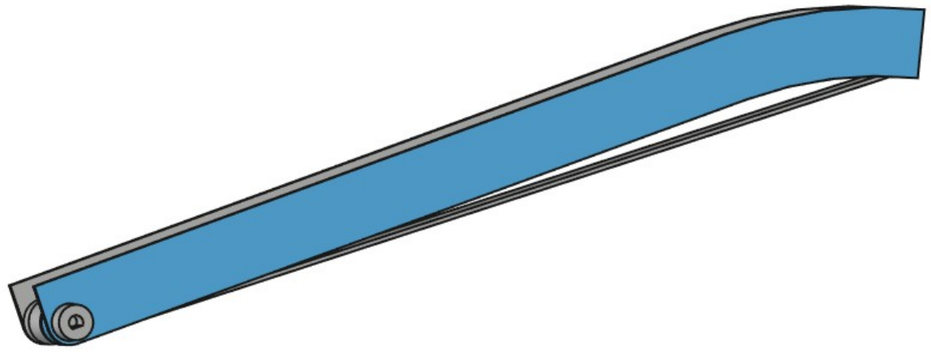
2

AK-R2.stl



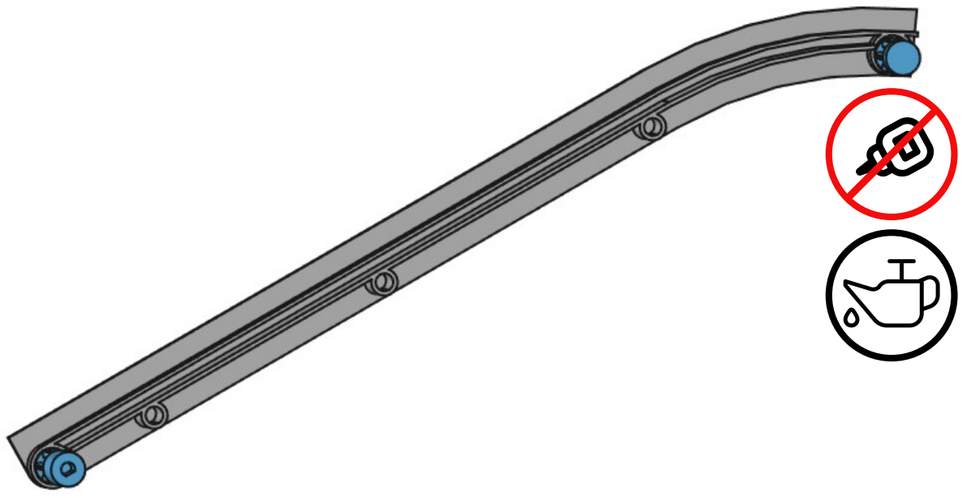
3

AK1-R.stl



4

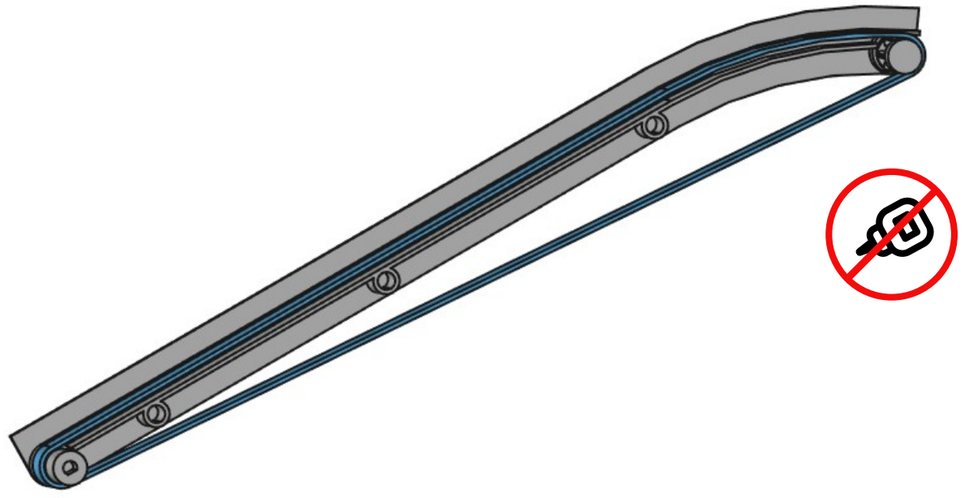
AK2-L.stl
AK-RA.stl
AK-RL.stl



mini-fair

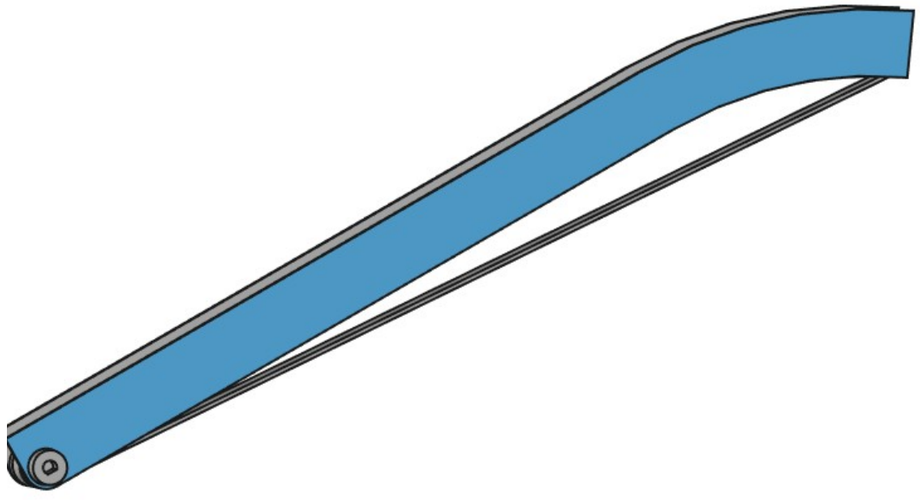
5

AK-R3.stl



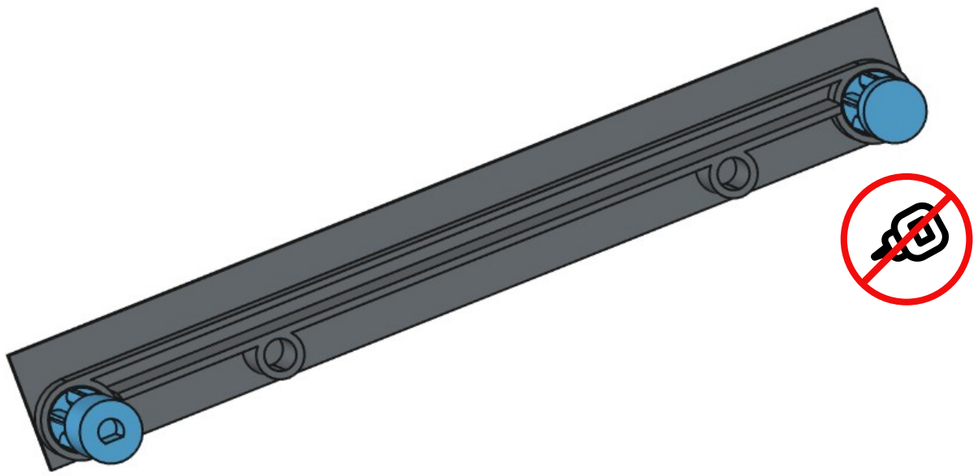
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AK2-R.stl



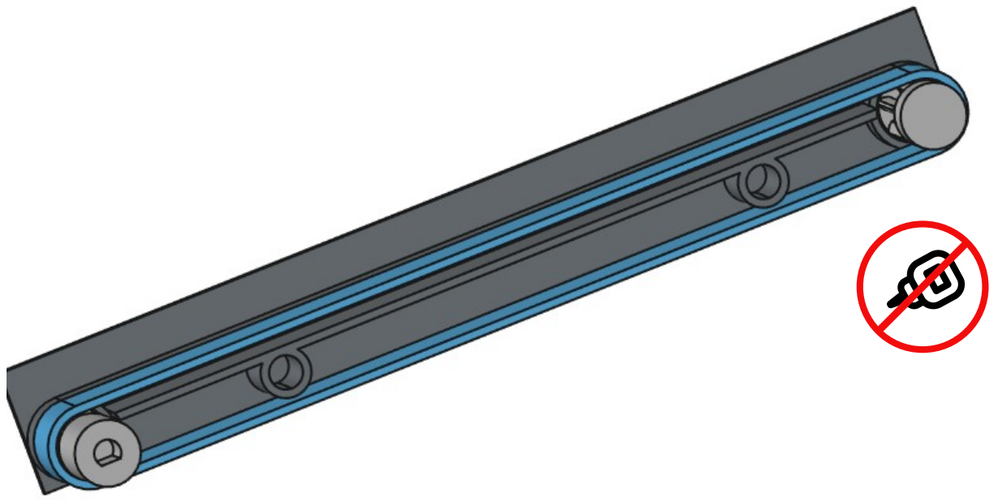
7

AK3-L.stl
AK-RA.stl
AK-RL.stl



8

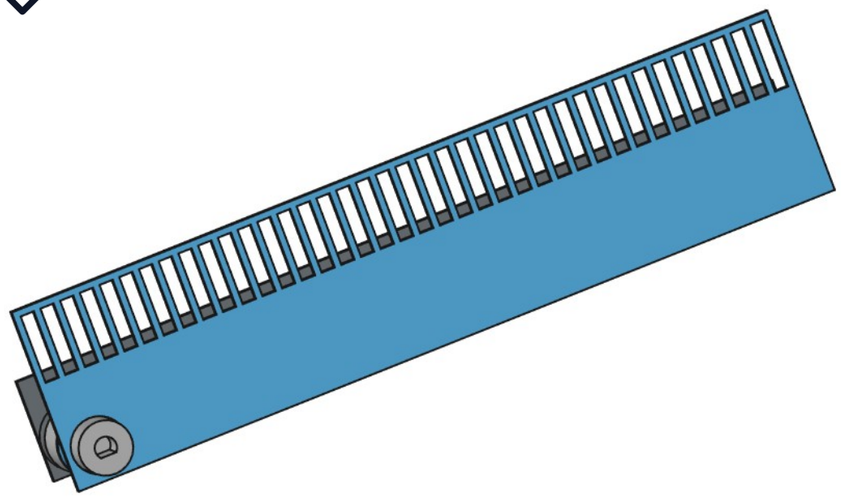
AK-R1.stl



mini-fair

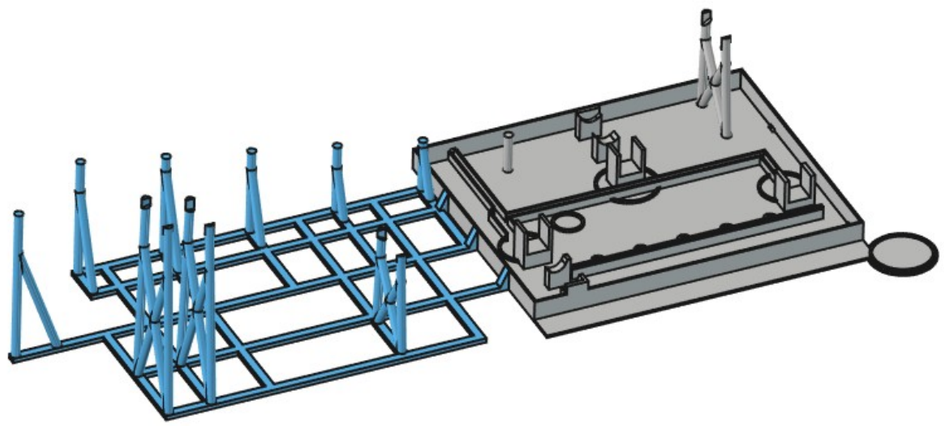
9

AK3-R.stl



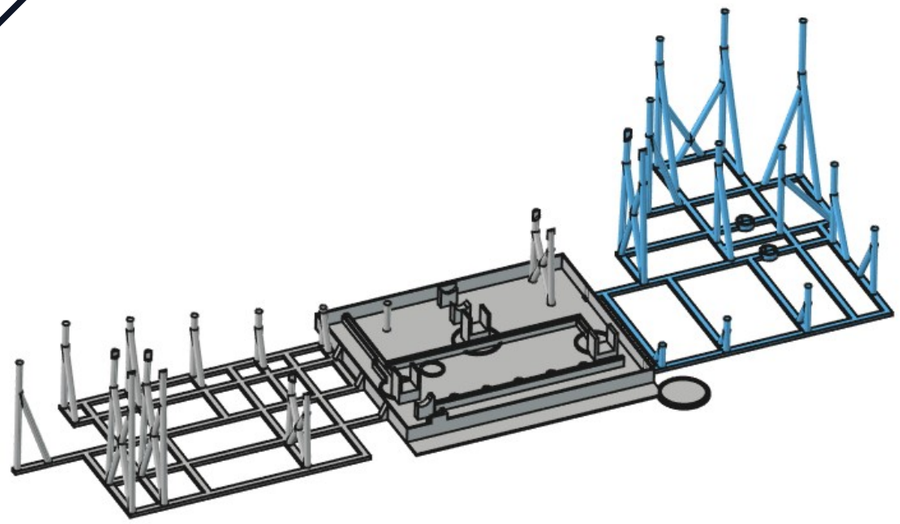
10

UK1.stl
UK2.stl



11

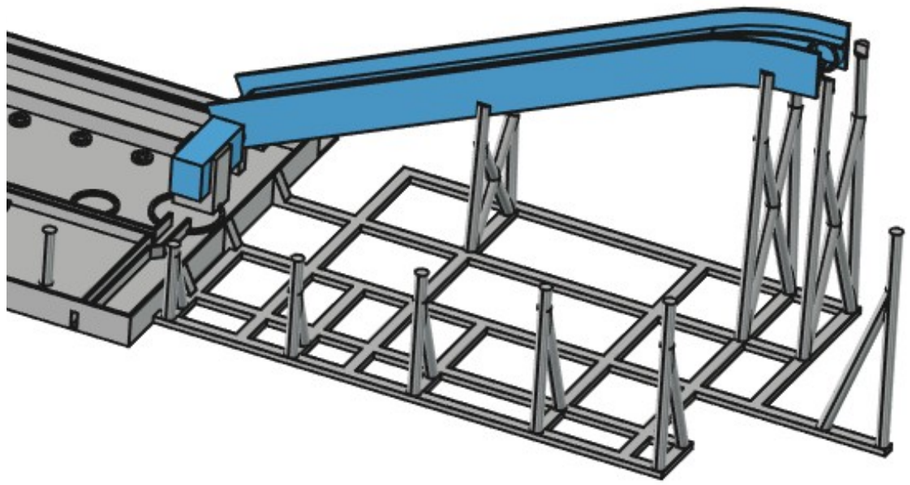
UK3.stl



12

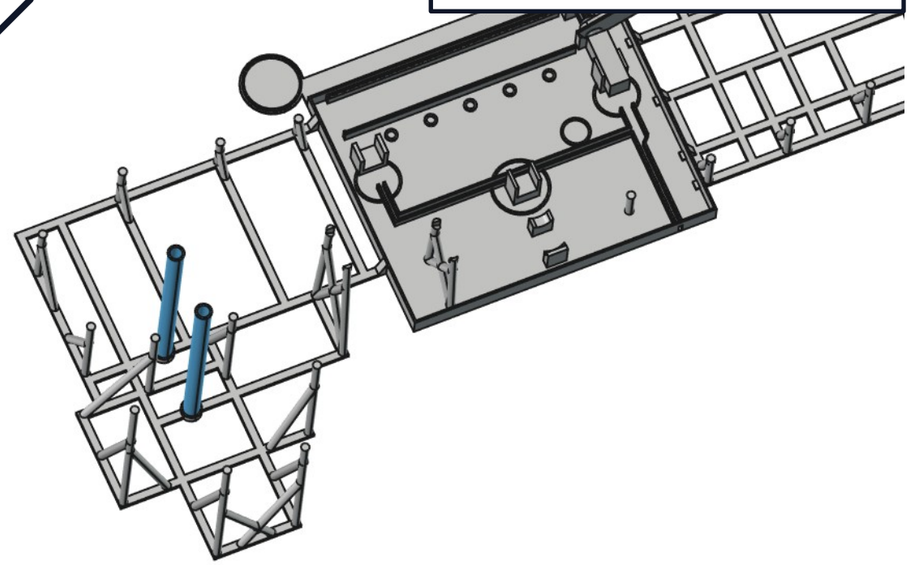
3

DC motor



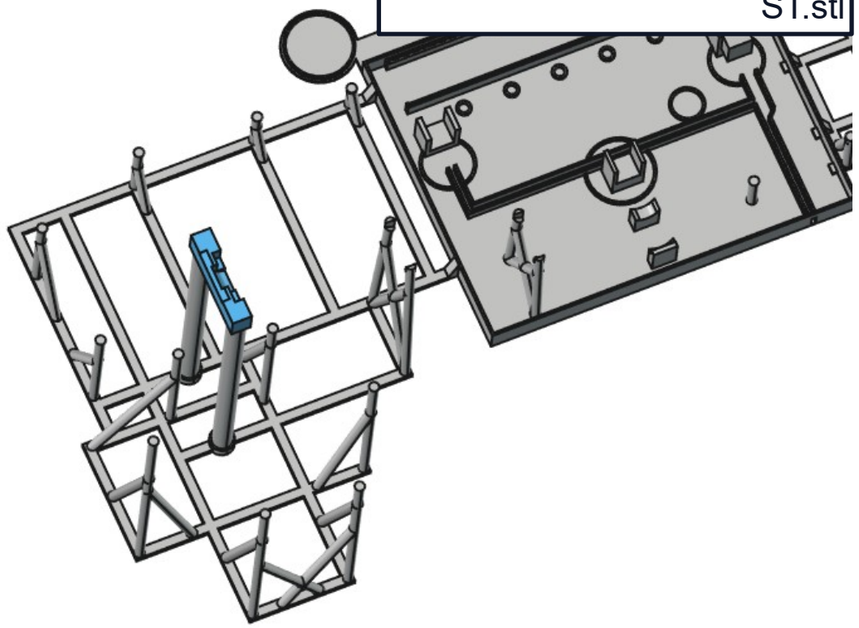
13

S.stl



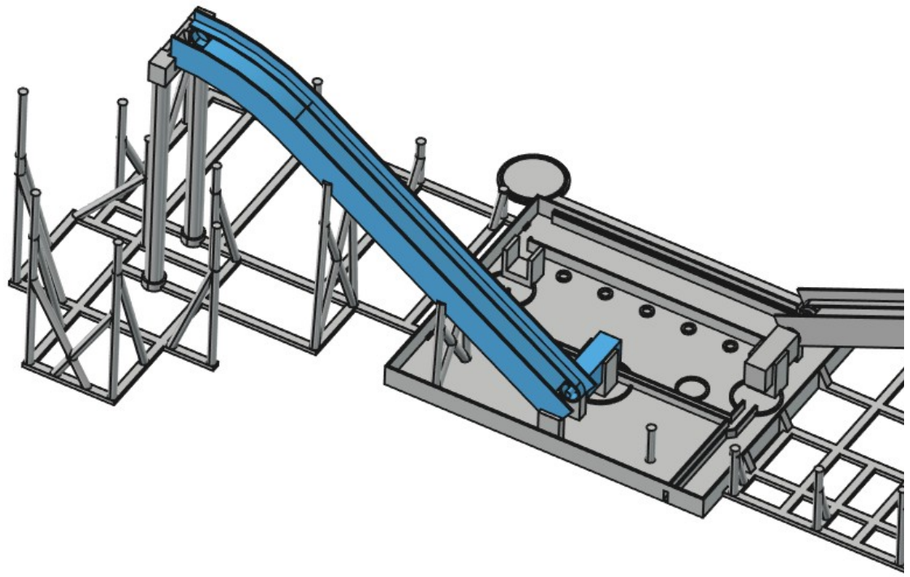
14

ST.stl



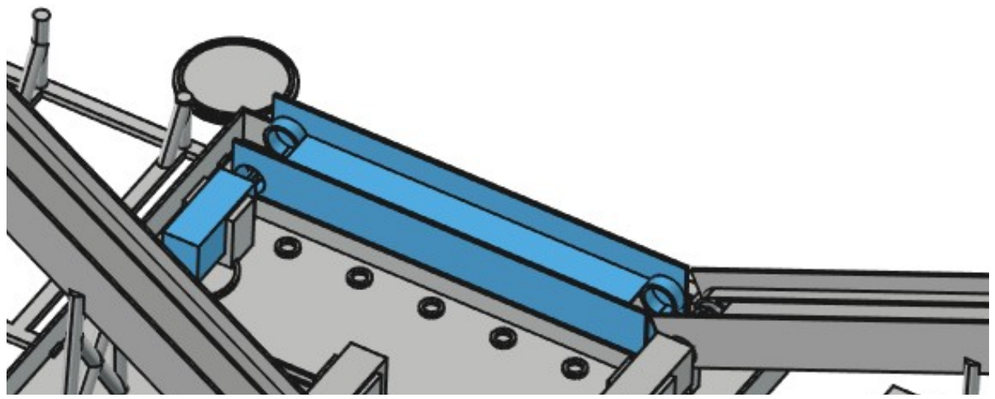
15

6
DC motor



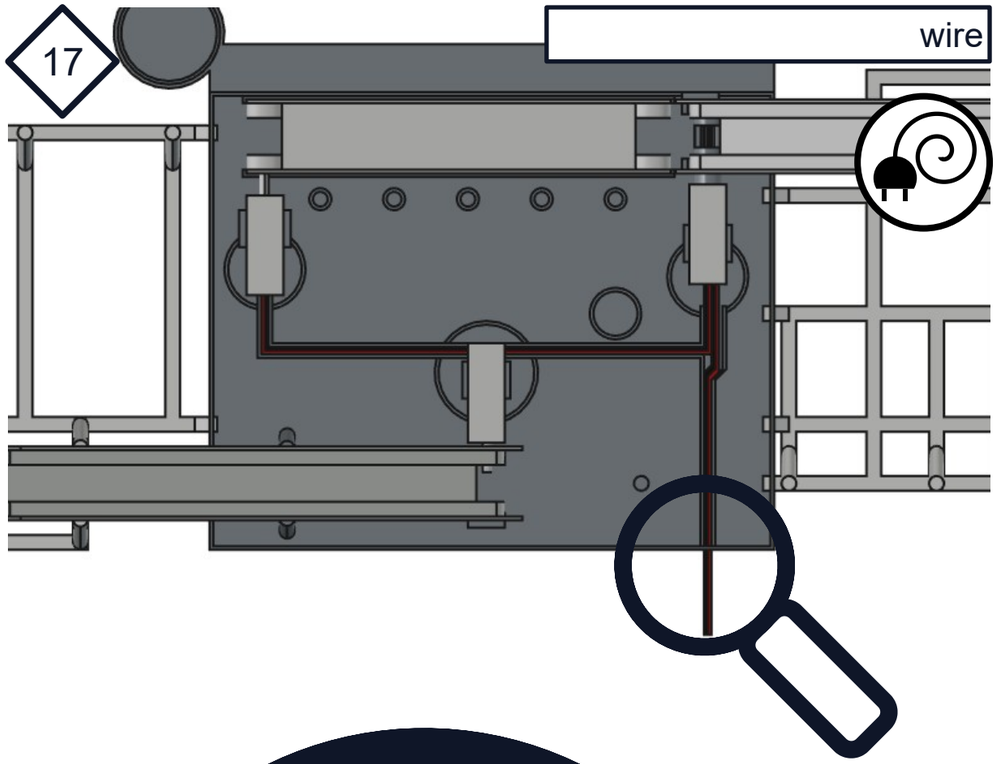
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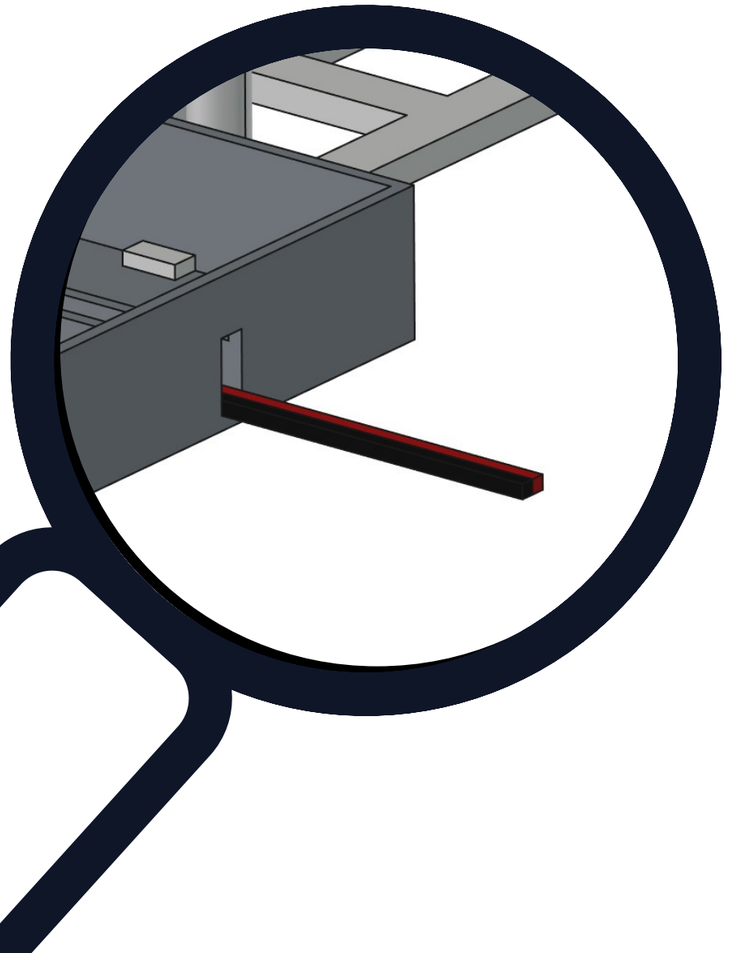
9
DC motor



17

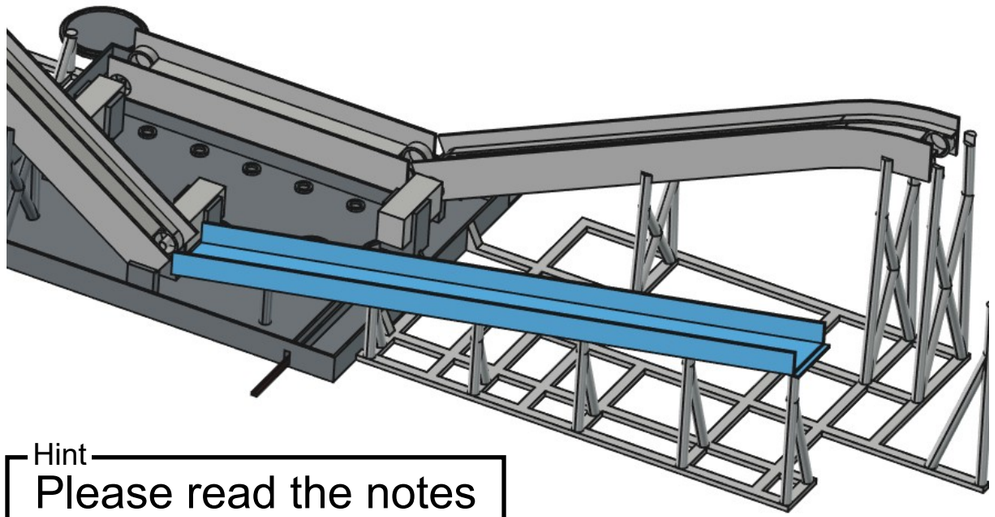
wire





18

R2.stl

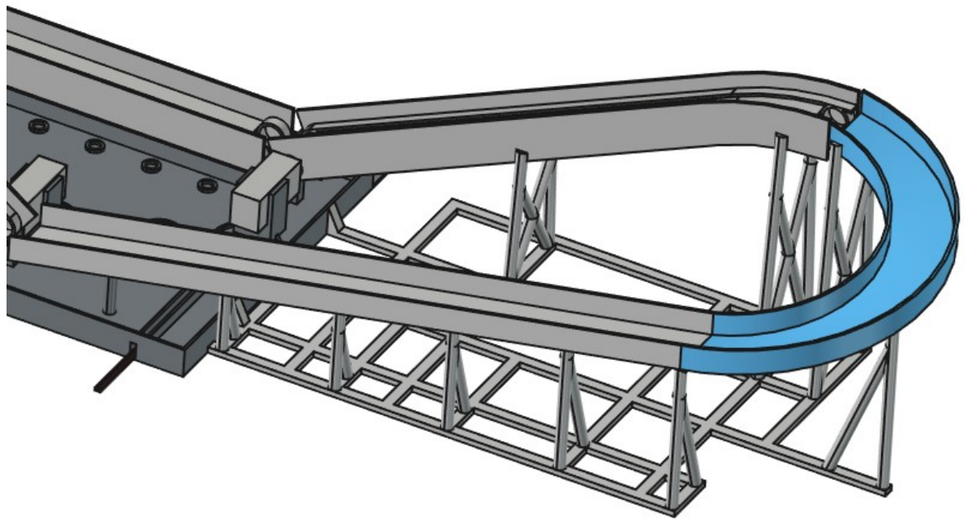


Hint

Please read the notes on page 32.

19

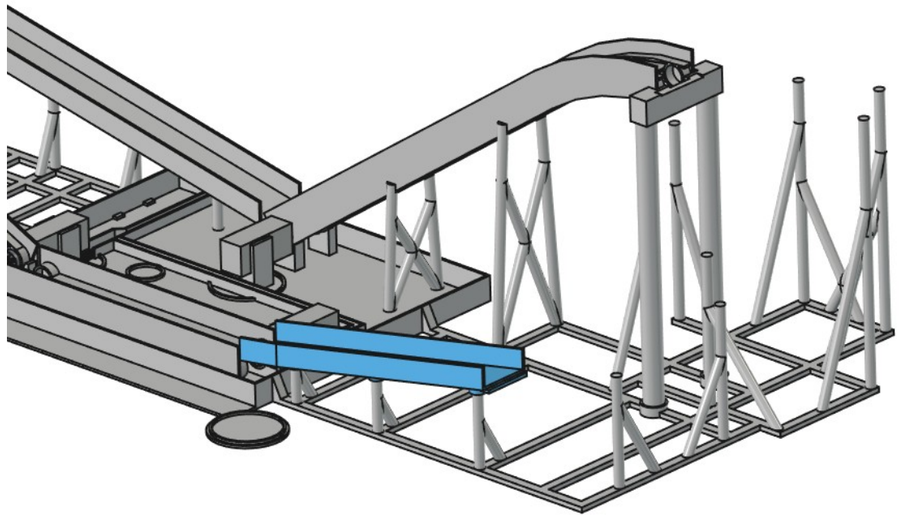
R1.stl



mini-fair

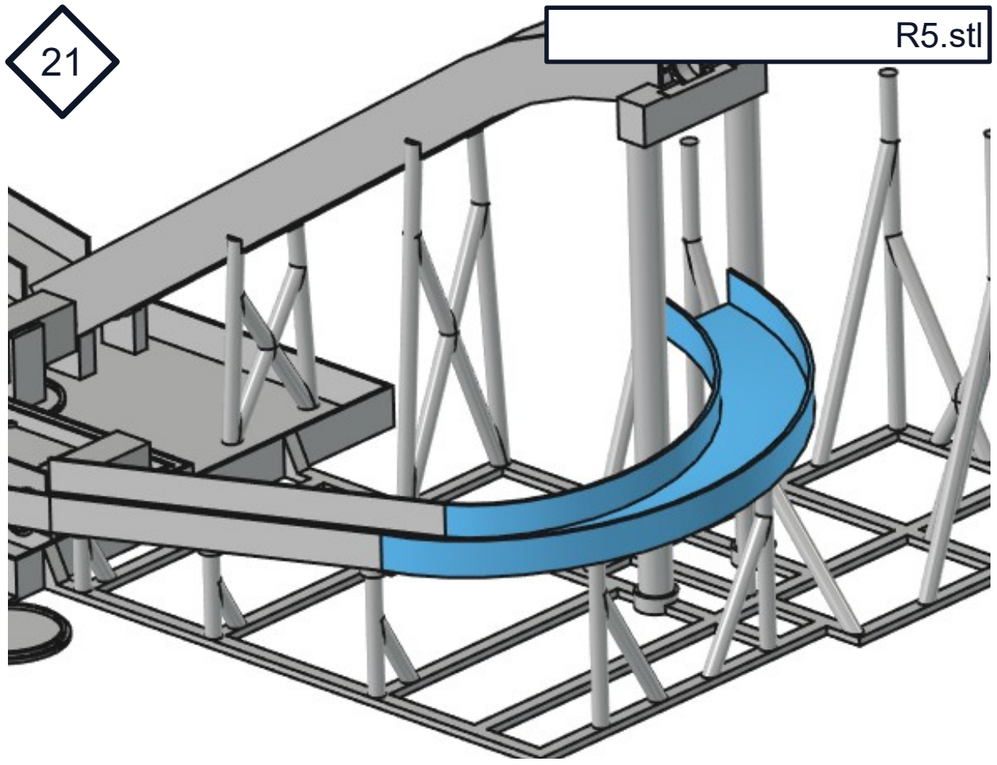
20

R6.stl



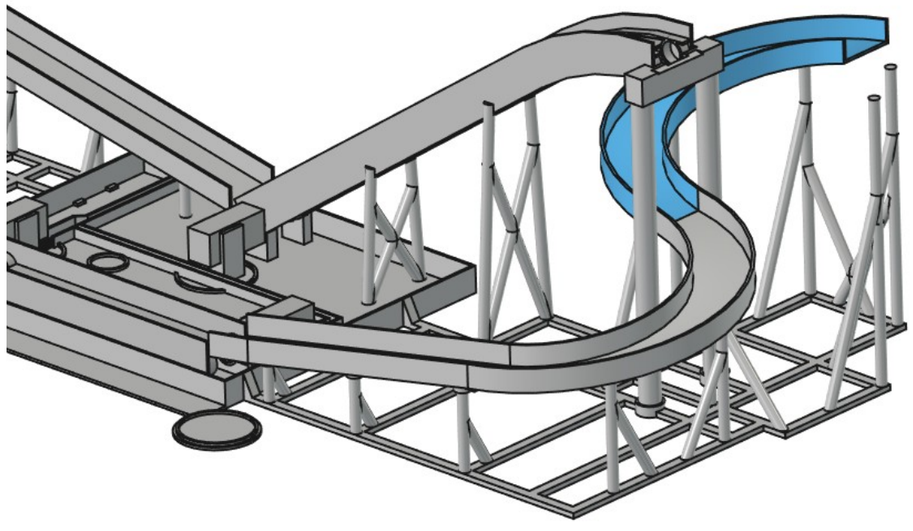
21

R5.stl



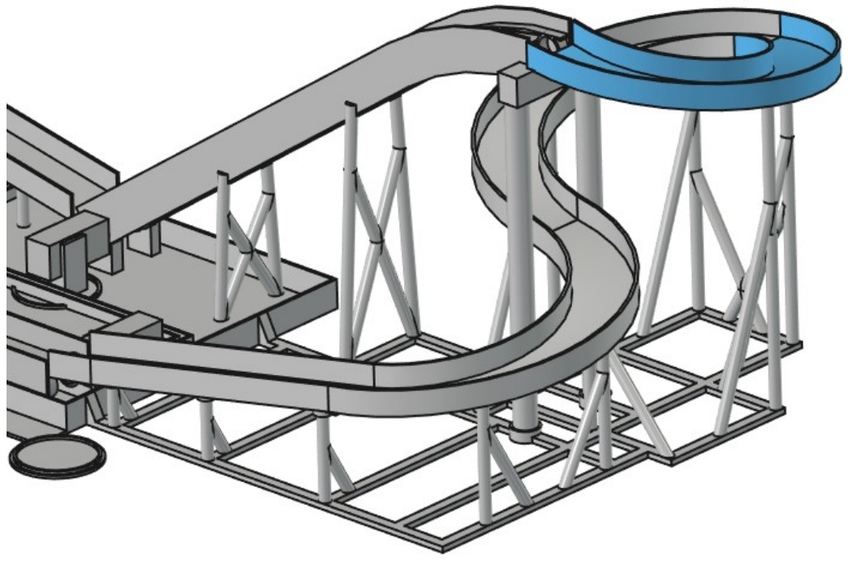
22

R4.stl



23

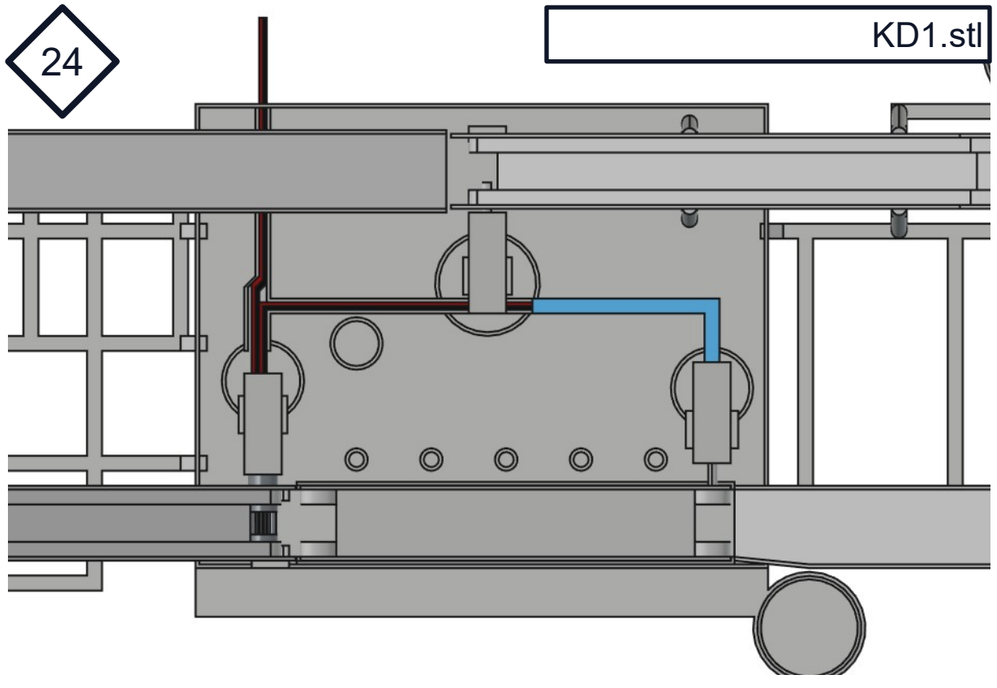
R3.stl



mini-fair

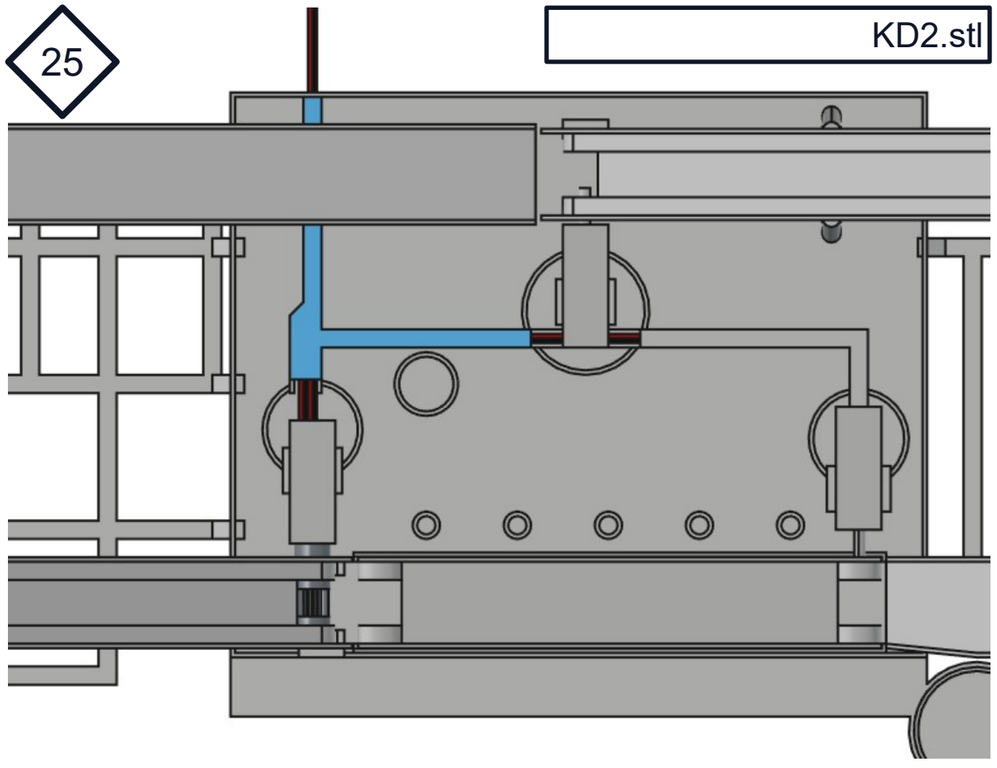
24

KD1.stl



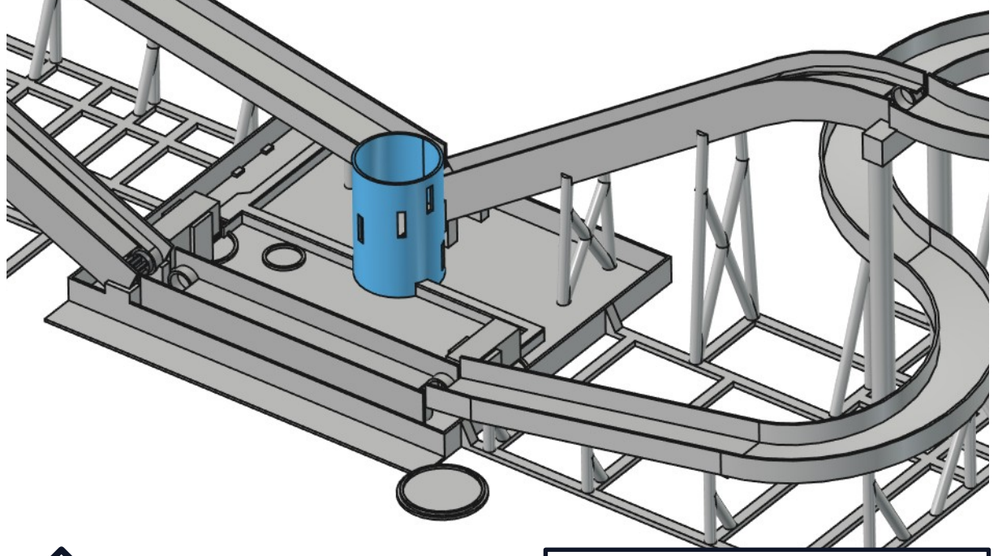
25

KD2.stl



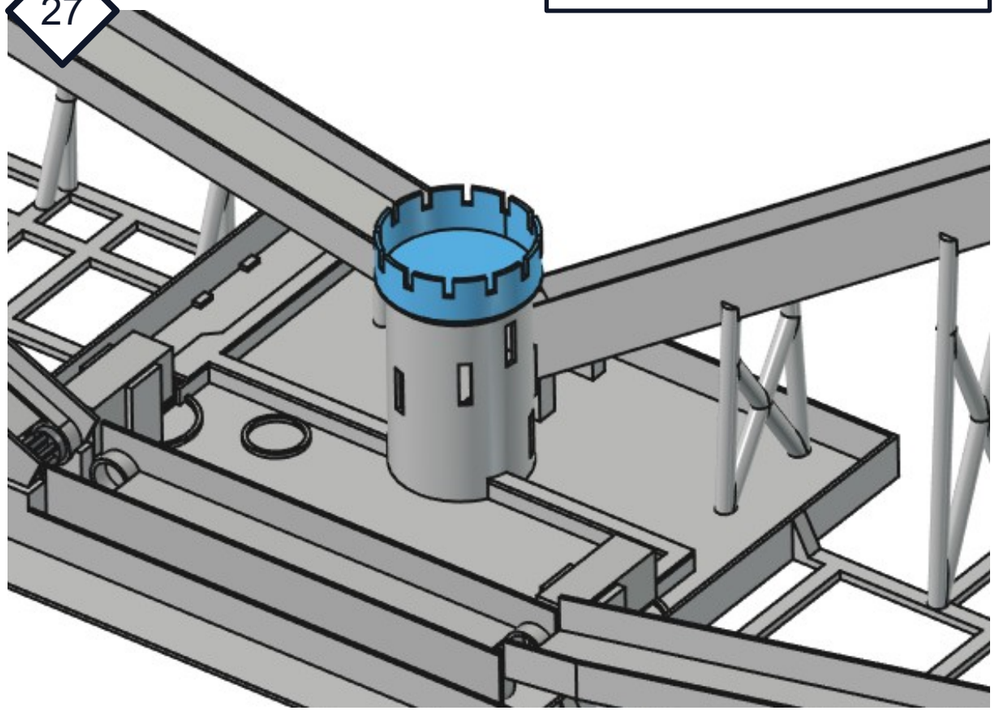
26

DT1.stl



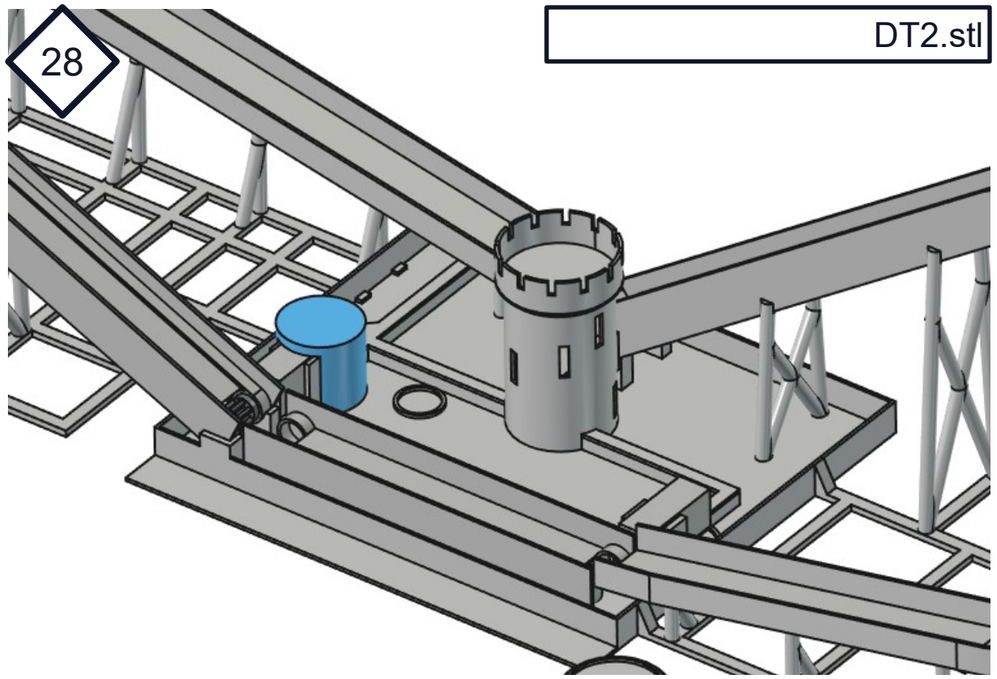
27

DTD.stl



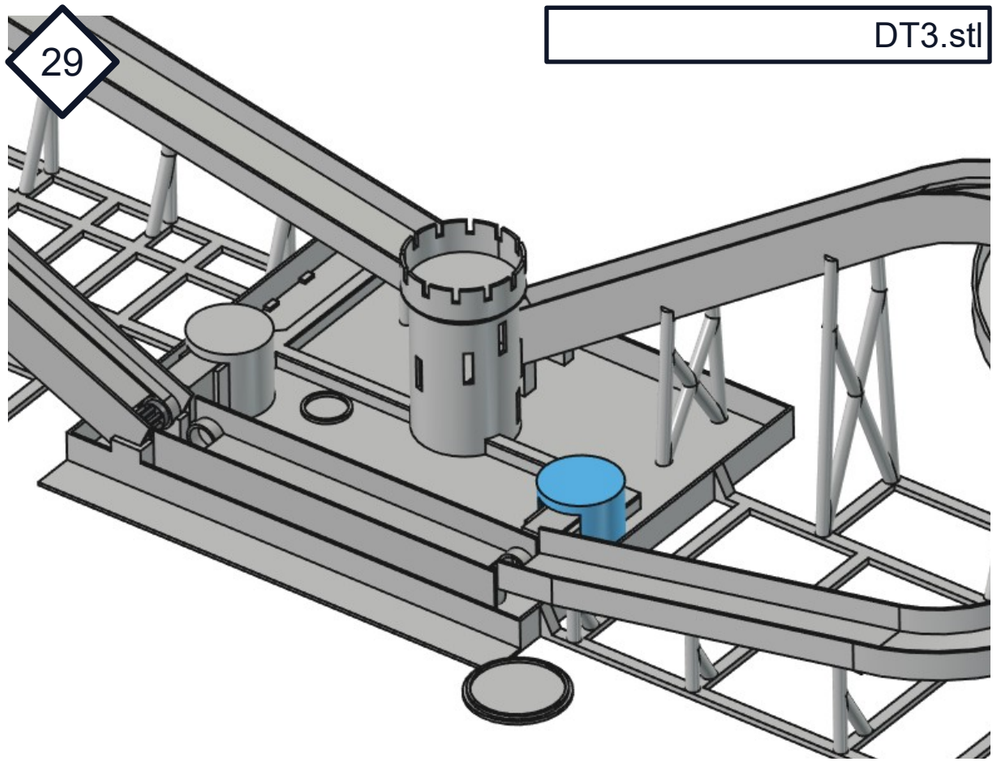
28

DT2.stl



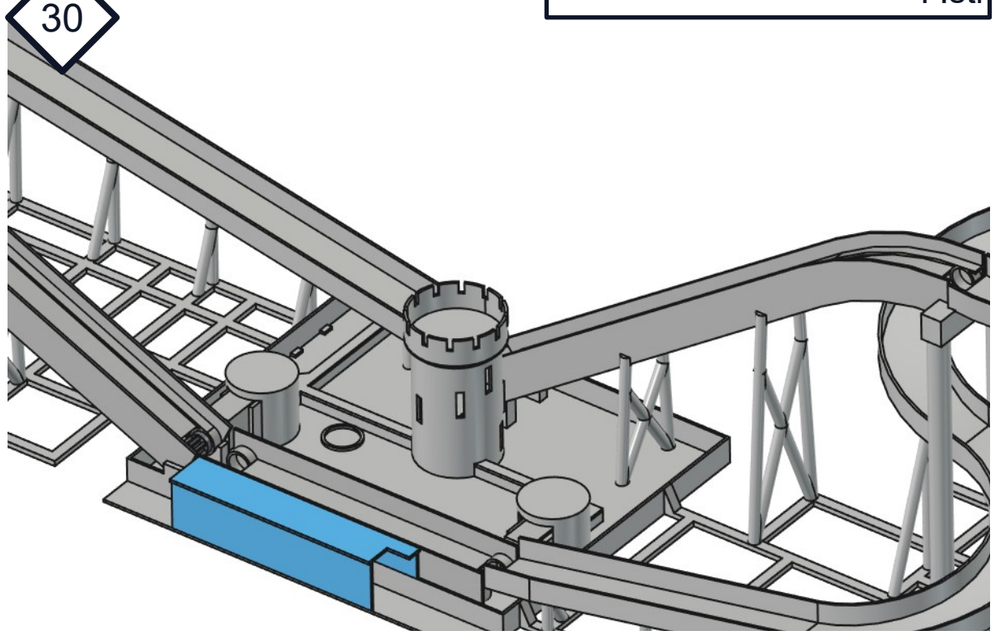
29

DT3.stl



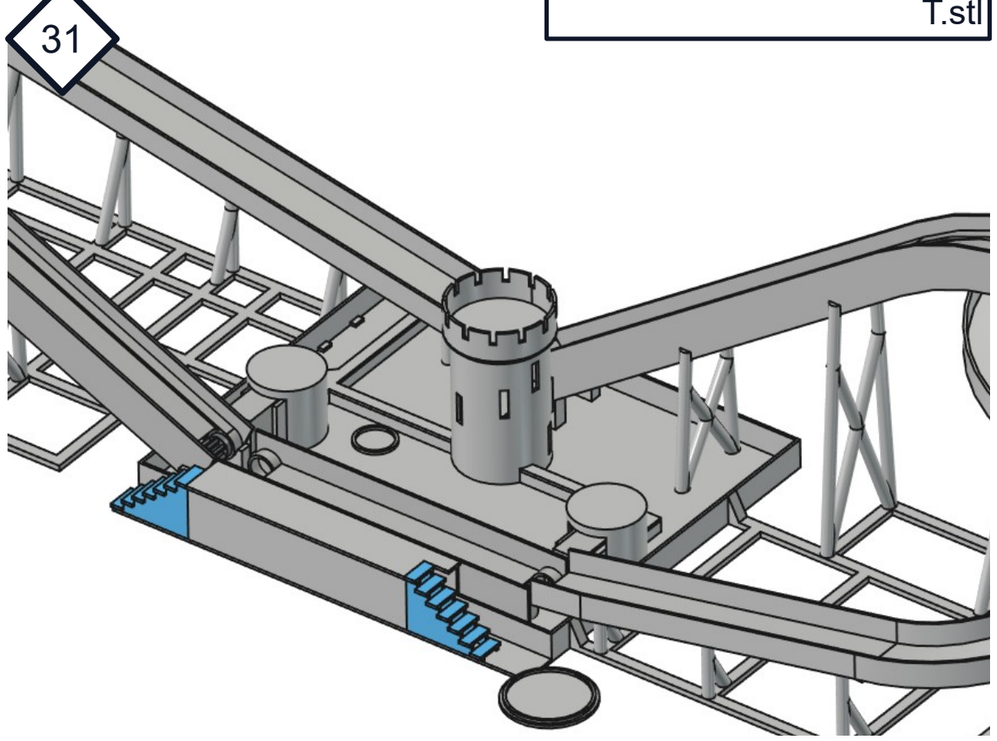
30

P.stl



31

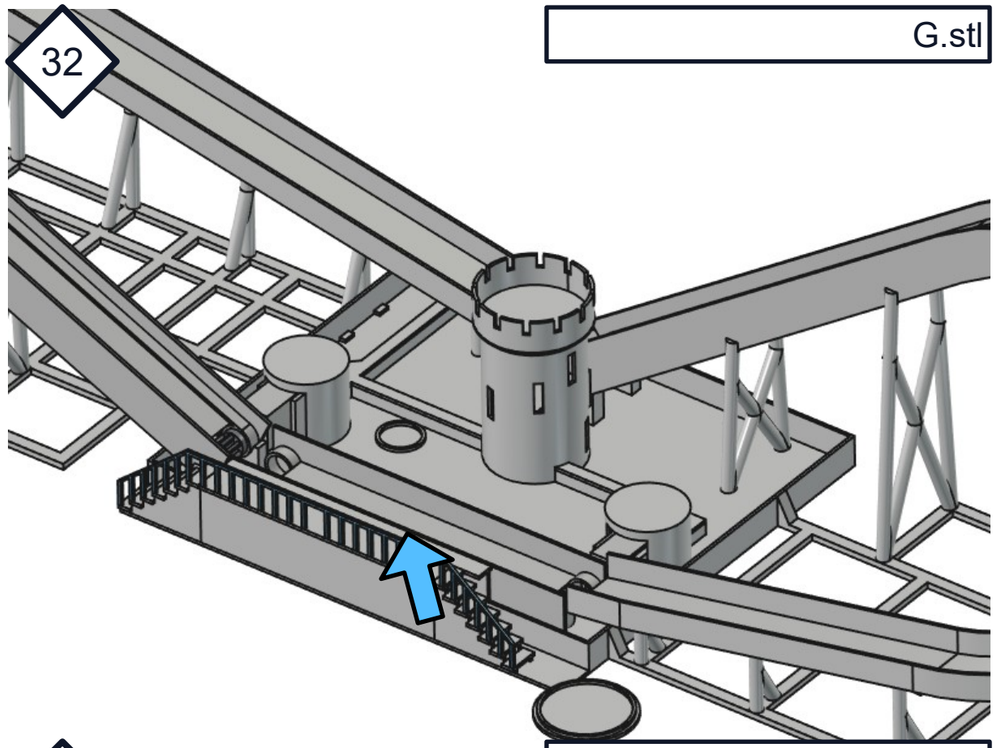
T.stl



mini-fair

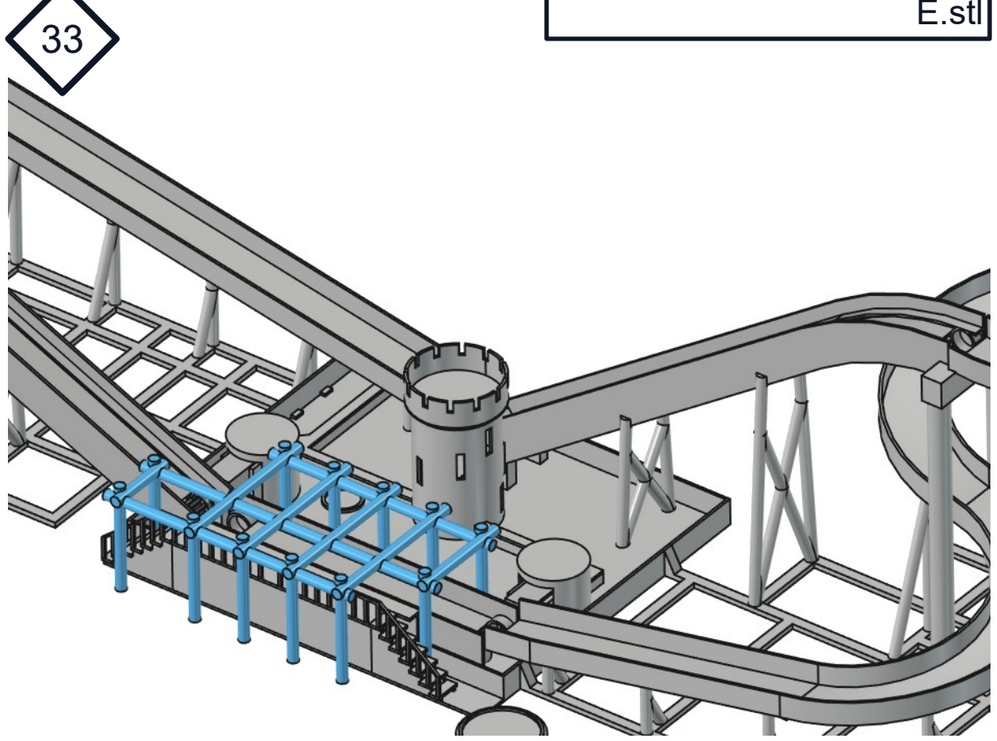
32

G.stl



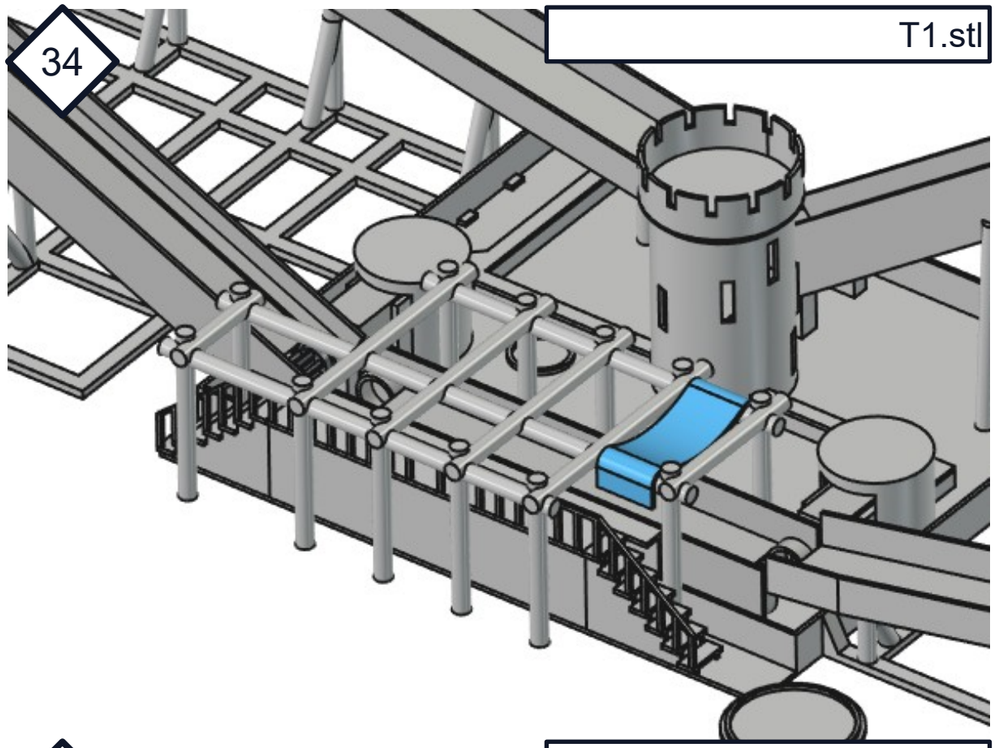
33

E.stl



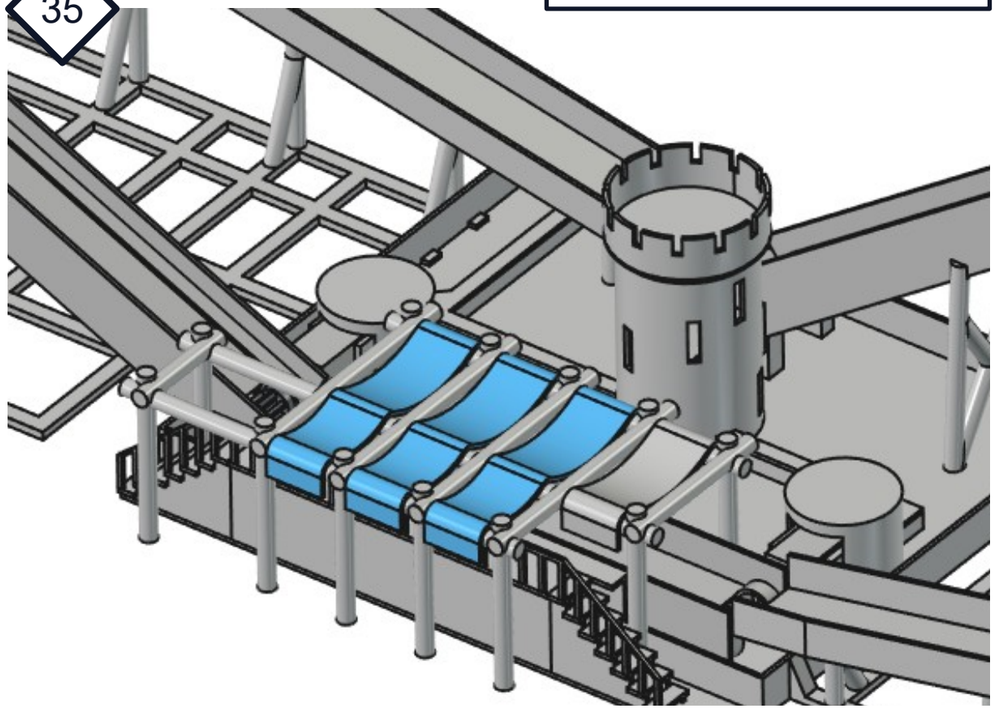
34

T1.stl



35

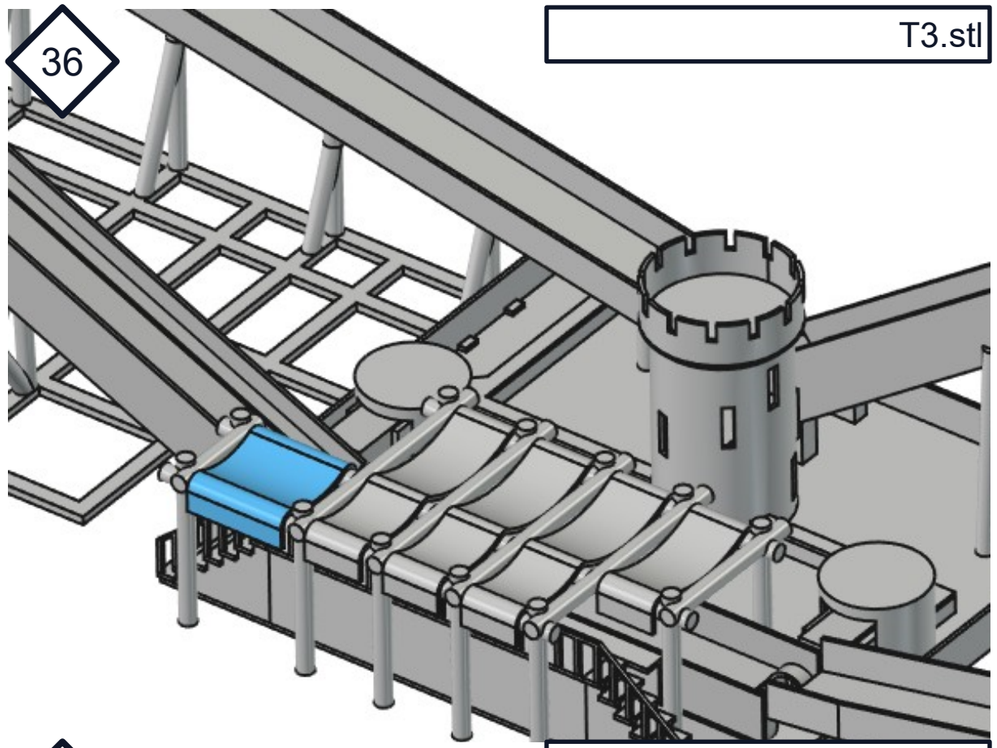
T2.stl



mini-fair

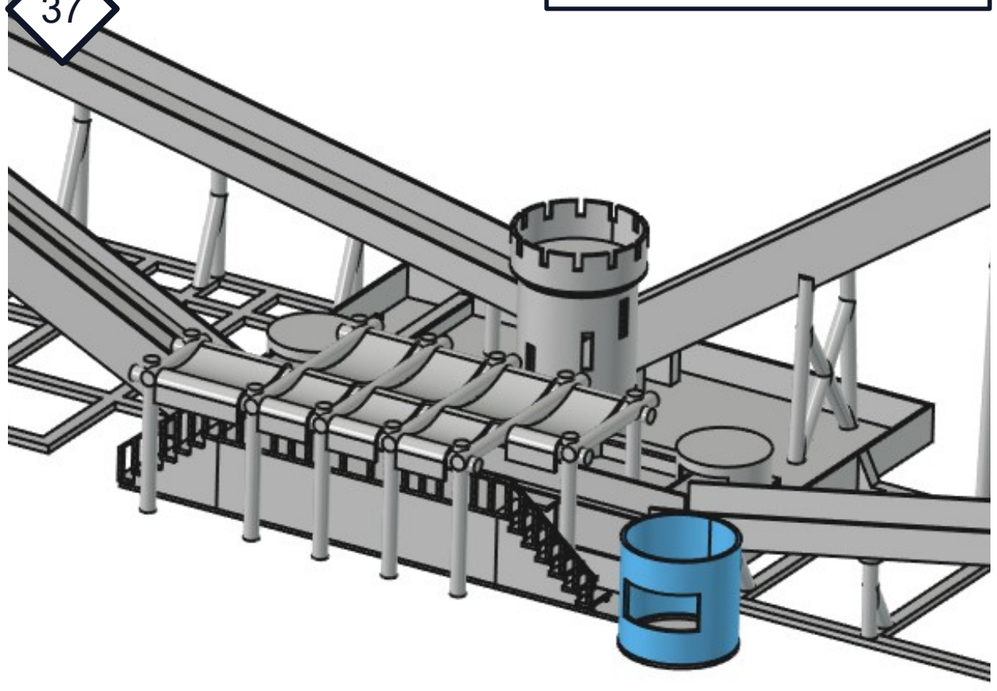
36

T3.stl



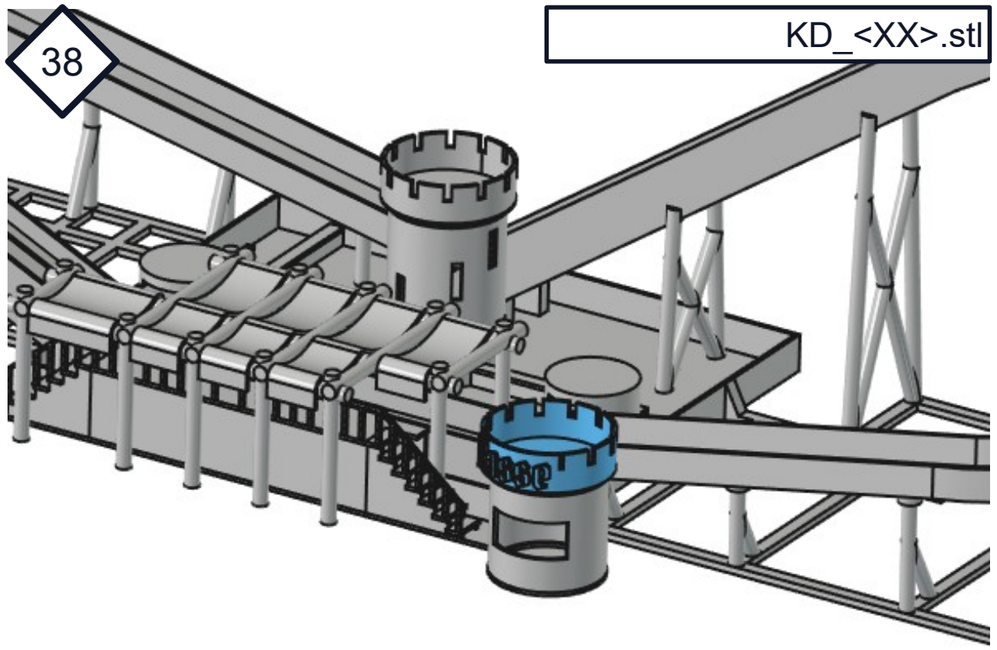
37

KH.stl



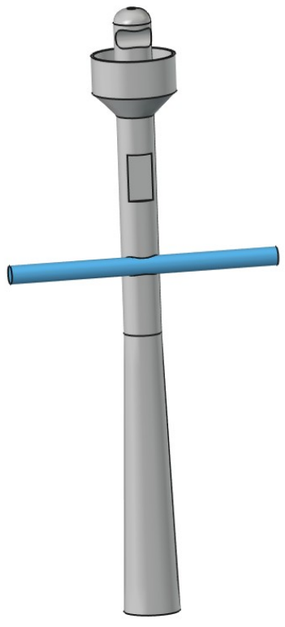
38

KD_<XX>.stl



39

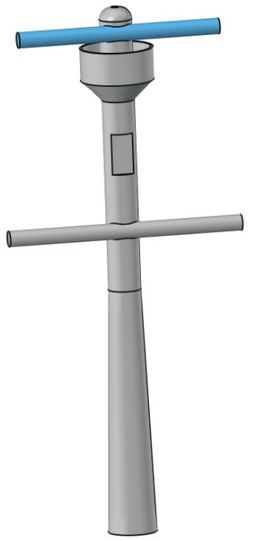
M.stl
MT1.stl



mini-fair

40

MT2.stl



41

MS.stl



42

SE1.stl

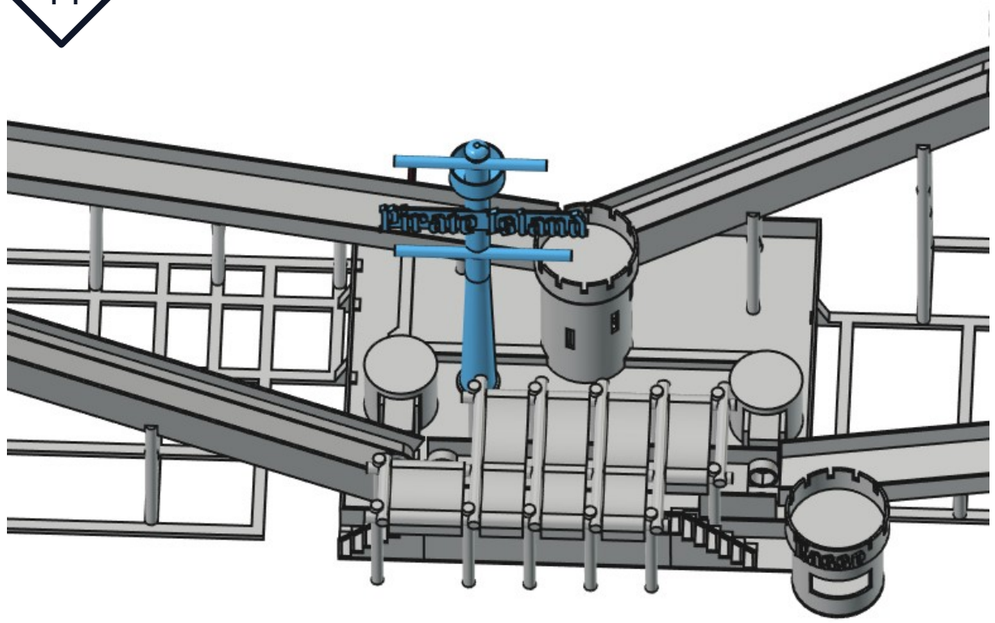


43

2x SE2.stl

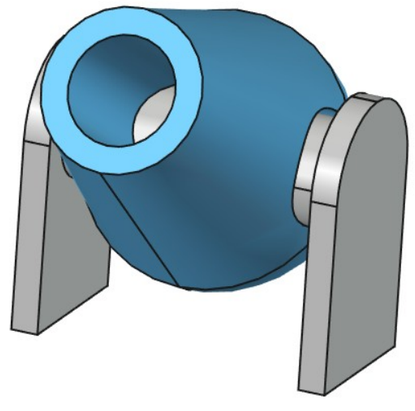


44



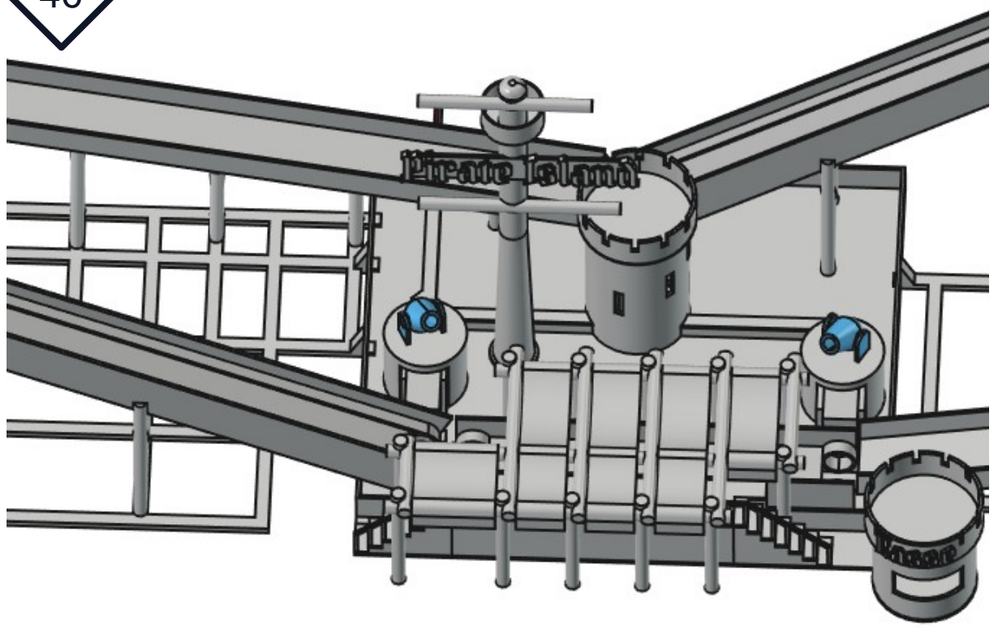
45

K1.stl
2x K2.stl



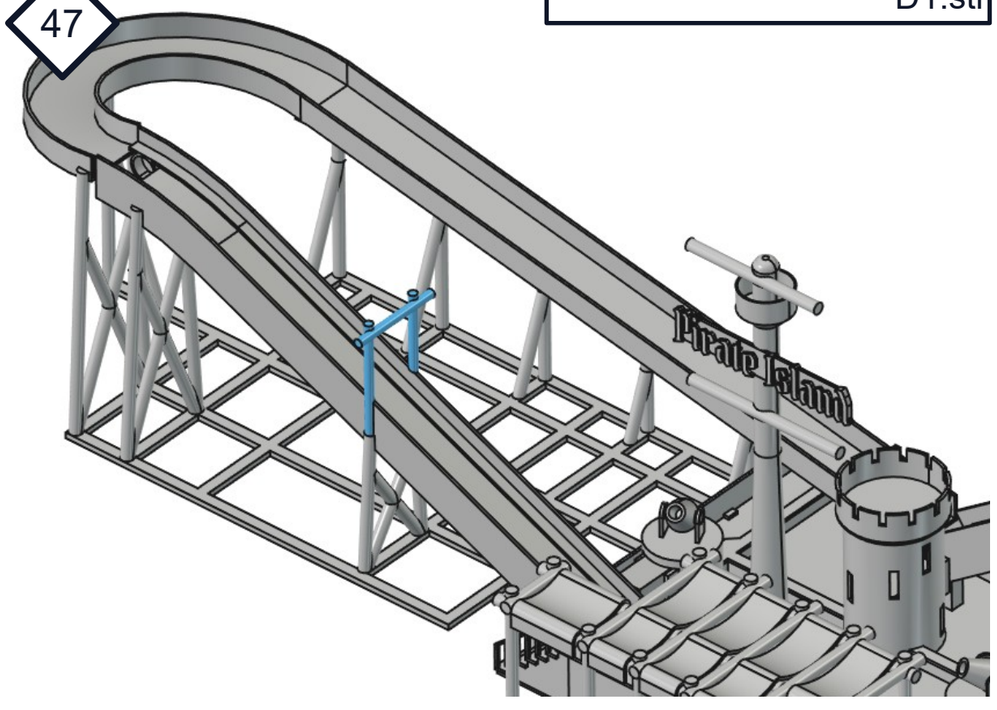
2x

46



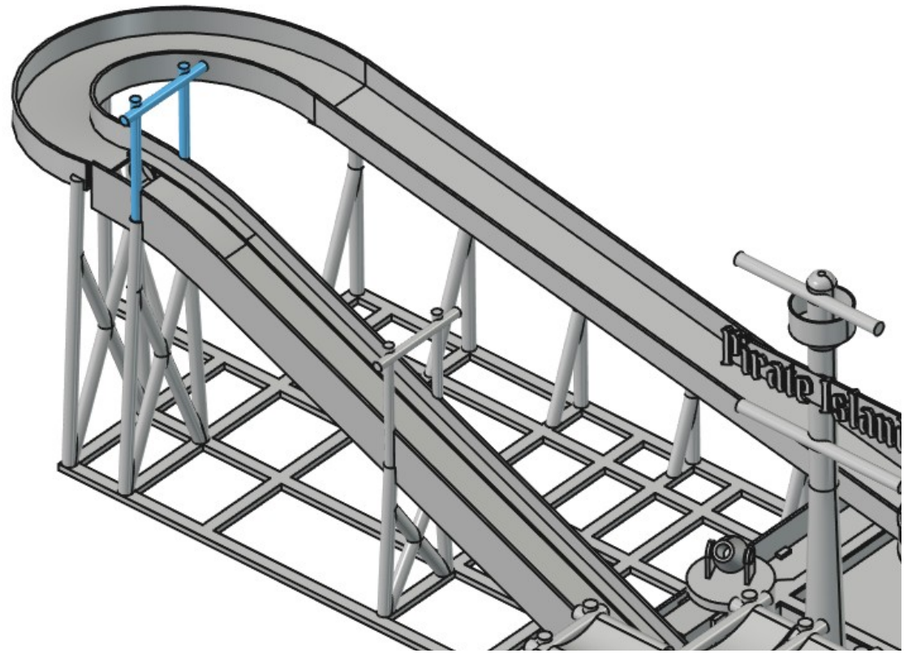
47

D1.stl



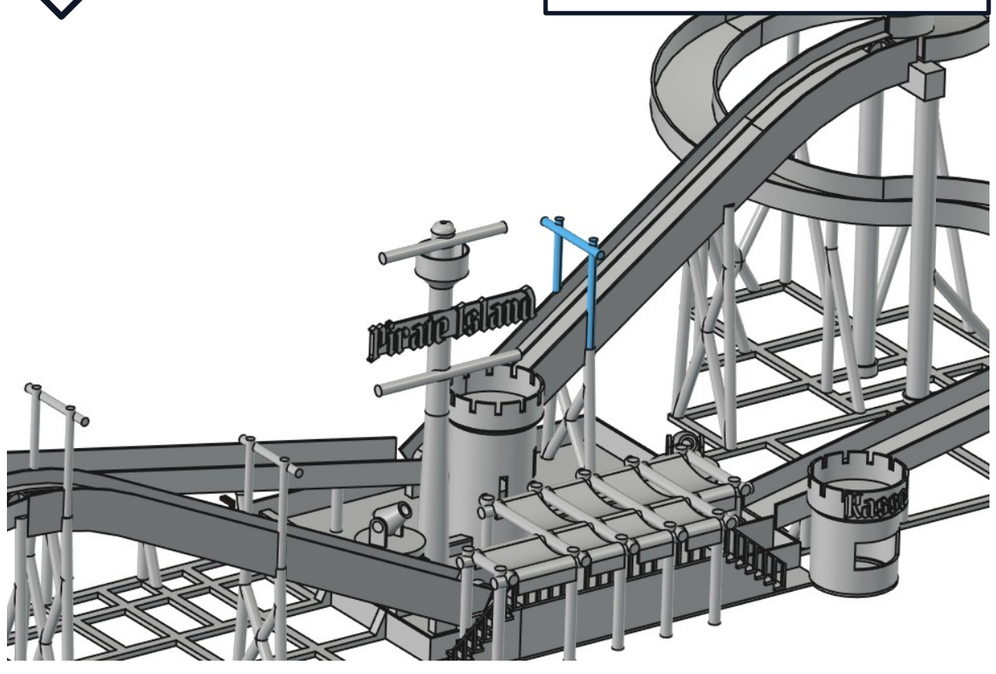
48

D2.stl



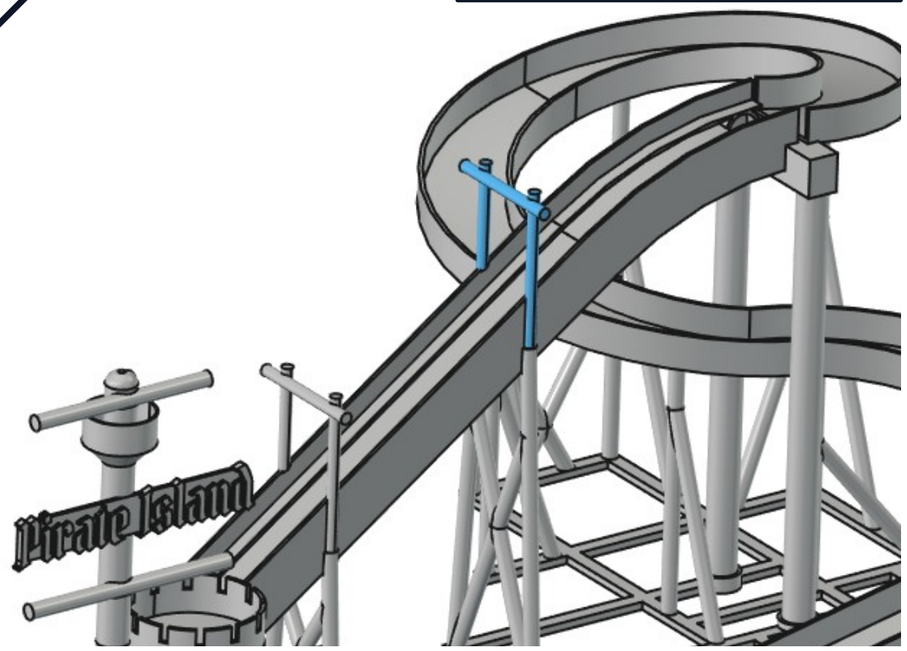
49

D3.stl



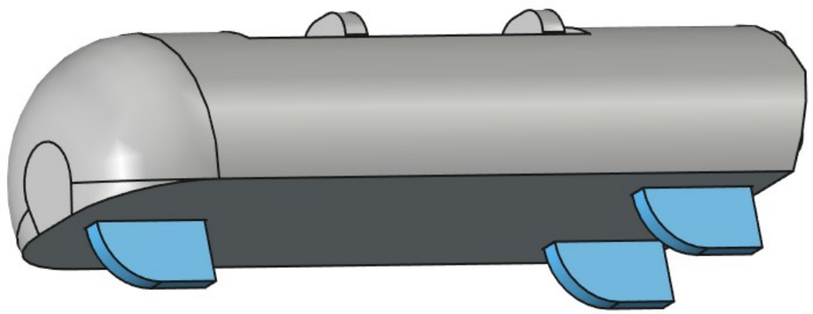
50

D4.stl



51

B.stl
3x BK.stl

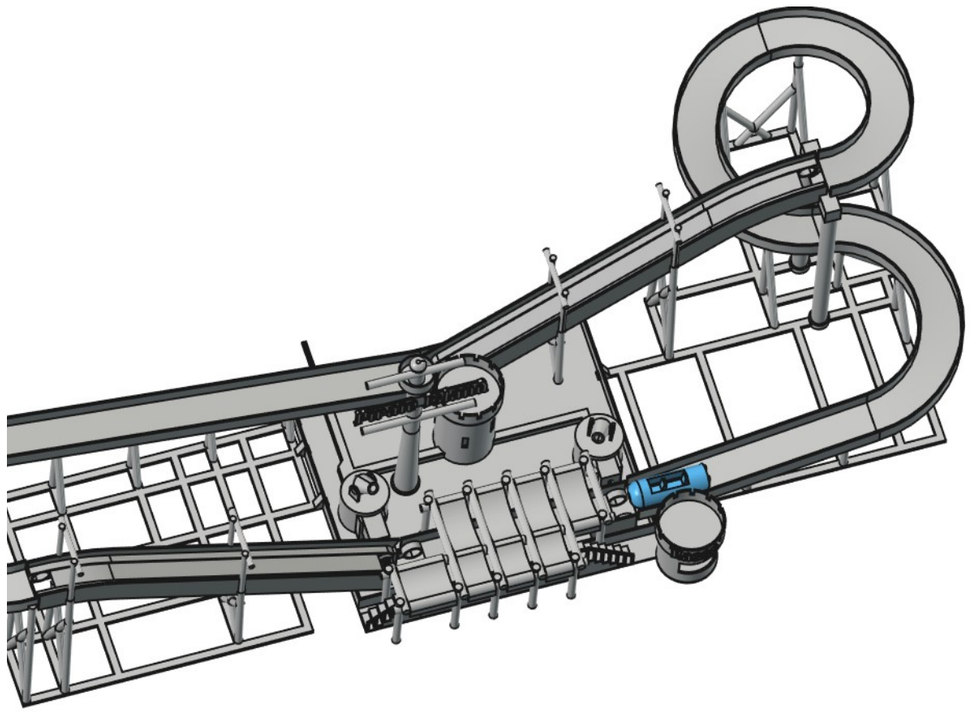


Hint
Please read the notes on page 32.

4x

mini-fair

52



mini-fair

Important

Do not paint parts “R1” to “R6” and “BK”on the surfaces where the parts need to slide.

These surfaces should remain as bare PLA to ensure smooth movement. It is best to print these parts in the desired color.

You can still paint the outside of parts “R1” to “R6”.

Different filaments have different friction properties. Therefore, I recommend testing different PLA filaments before permanently gluing part “BK” to part “B”.

In my case, standard white PLA worked best for part “BK”.

News, updates, help and more.

Instagram

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