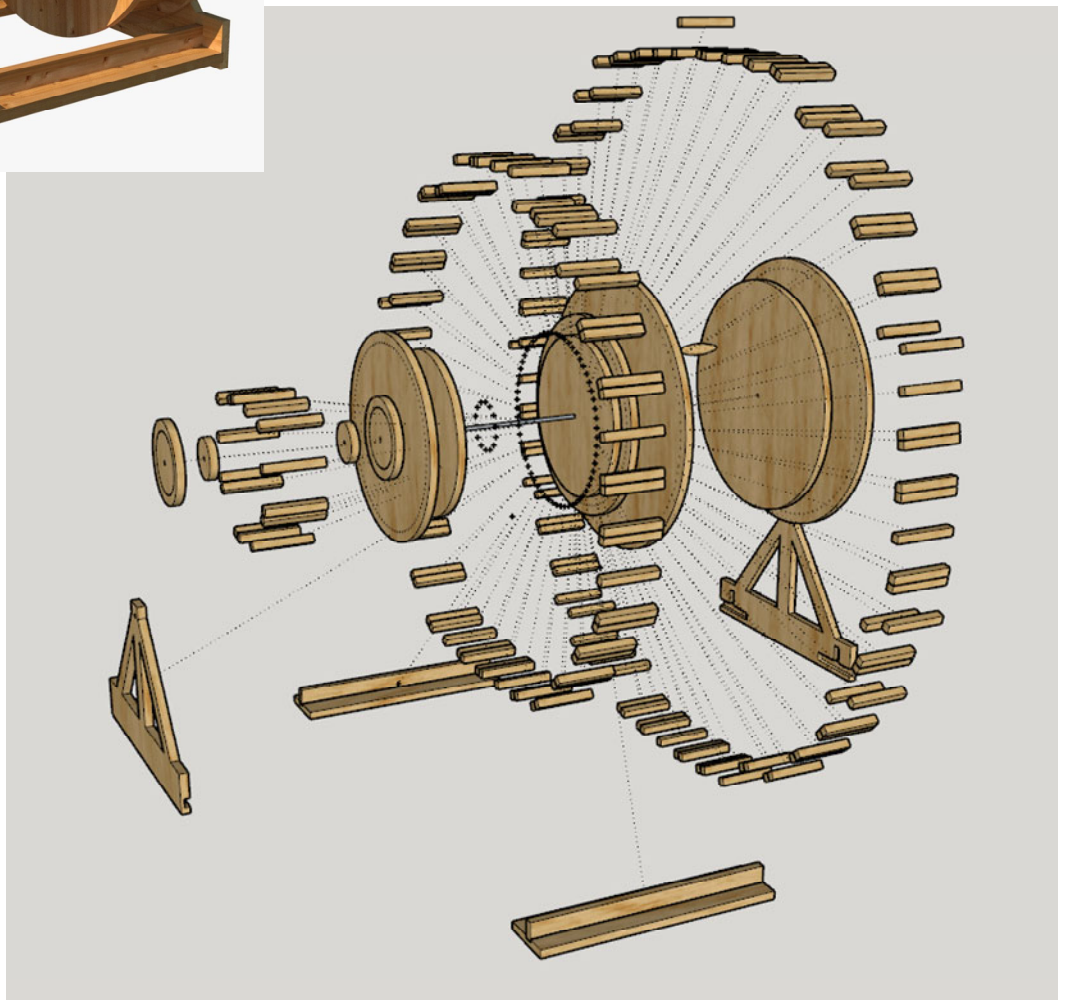



# Tambour de degradation triple drum

scale one to four model



Scale model of a triple drum, used for baroque machinery experiments and demonstrations. A triple drum is used to make different objects like clouds in a way they move synchronically but at different speeds. The model can be build in a basic, but well equipped workshop.



 <b>Canon</b> <small>THEATRE TECHNICAL HISTORY</small>		Canon tools	
Tambour de degradation / triple drum			
Construction drawing			
Drawing by:		Beno Van Goethem	
Version:	1.0	Version date:	20/12/2022

# Materials list

Circles					
Number	Type	thickness	diameter	center hole	remark
2	Cirkel	15 mm	500 mm	8mm	
2	Cirkel	15 mm	430 mm	8mm	
2	Cirkel	15 mm	360 mm	8mm	
2	Cirkel	15 mm	290 mm	8mm	
2	Cirkel	15 mm	140 mm	8mm	
2	Cirkel	15 mm	70 mm	8mm	


Slats					
Number	Type	thickness	width	length	
2	slat with grove	15 mm	100 mm	430 mm	grove see drawing
2	slat	15 mm	30 mm		
150?	slat	15 mm	15 mm	105 mm	

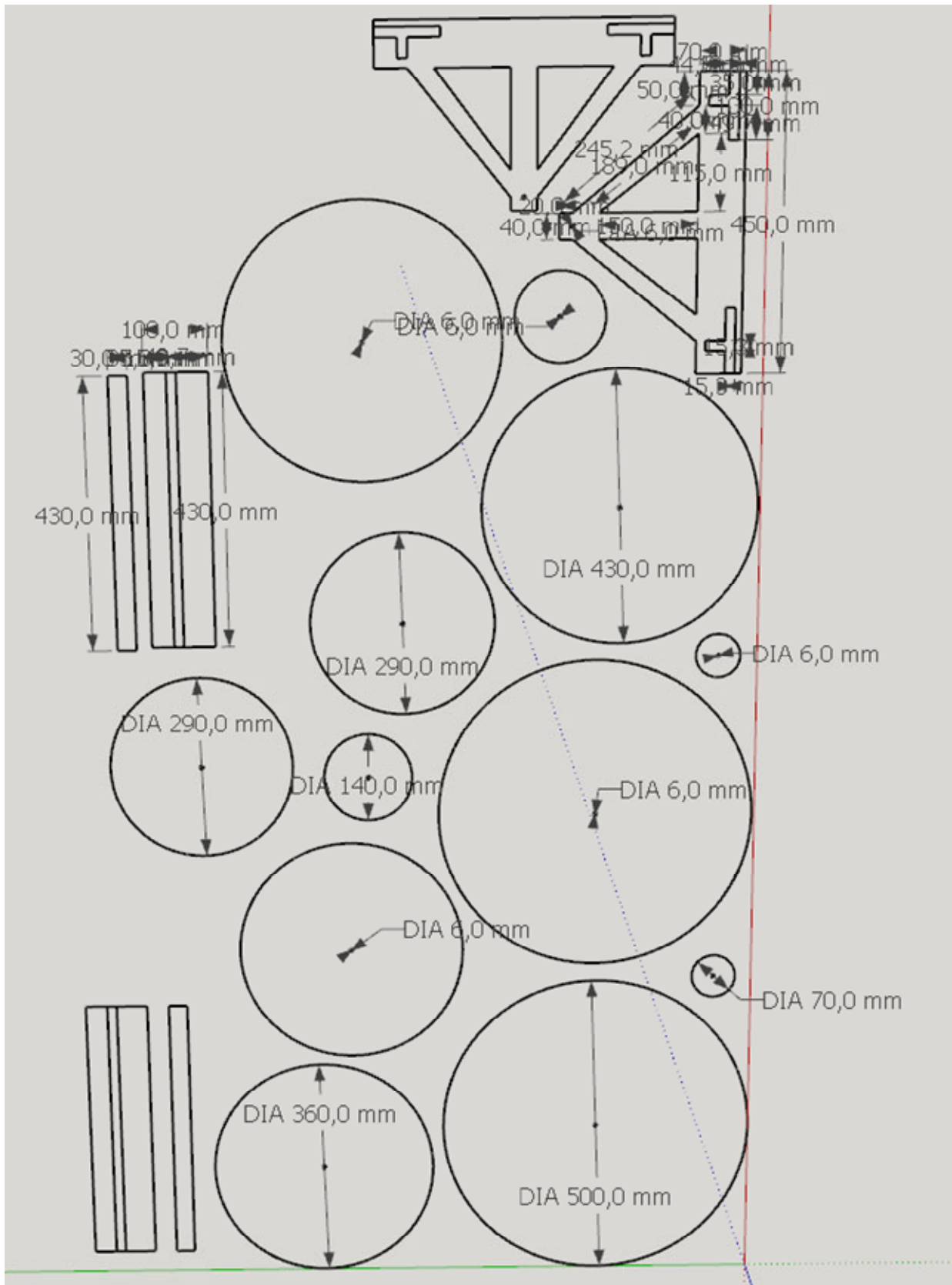
Other					
Number	Type	Thickness			
2	feet frames	15 mm			see drawing for details

Other materials	
80 cm	threaded rod M8
2 pc.	head nut M8

## Note:

The different parts can be cut out of one 15 mm multiplex plate.

		Canon tools	
Tabour de degradation / triple drum			
Material list			
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Canon tools

Tabour de degradation / triple drum

Cutting plan CNC

Drawing by:

Beno Van Goethem

Version:

1.0

Version date:

20/12/2022

# Construction

## Step one

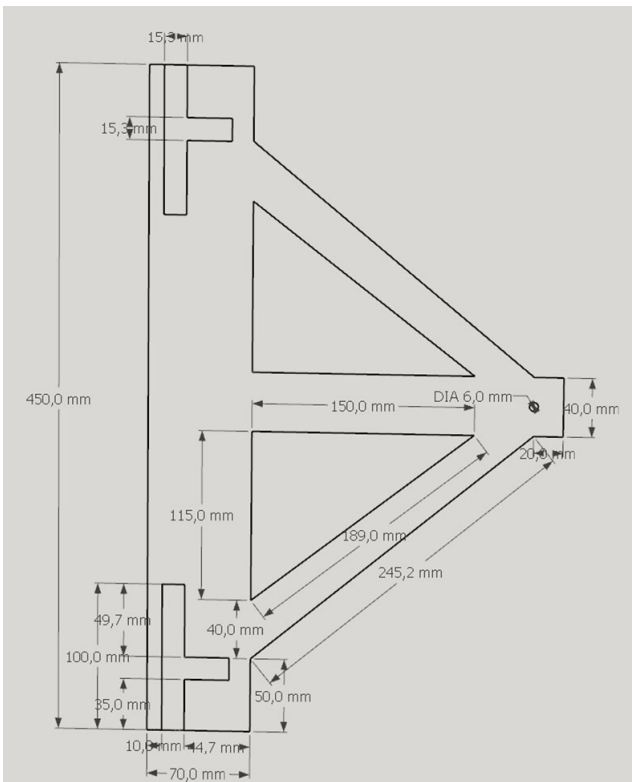
- Cut all the parts to size. This can be done by CNC or hand in a good workshop.

## Step two

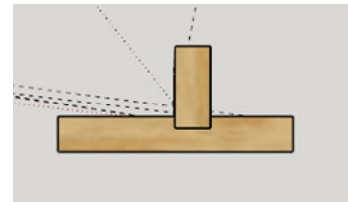
- Mount all the circles in the right order on the threaded rod.
- Glue the small slats to the circles and fix them temporary with a rope

## Step tree


- Assemble and glue the feet
- Mount the drum in the feet



Feet frame detail



Grooved slat detail

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