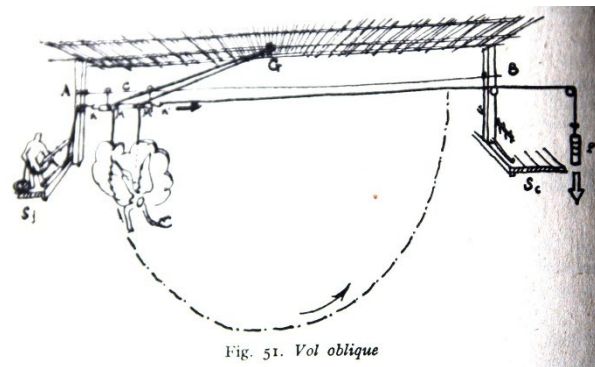
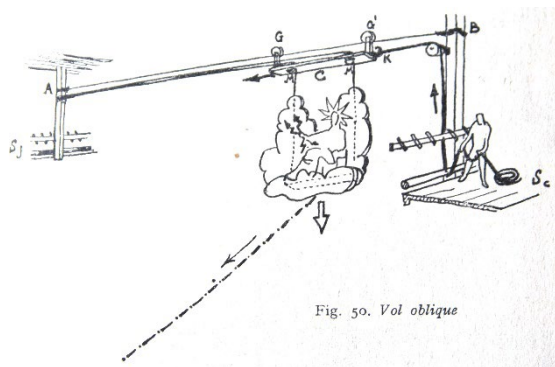


Fly wagon

Scale one to four model


Scale model of a fly wagon, based on *Traité de la Scenography*, Pierre Sonrel, 1943 and used for wooden machinery experiments and demonstrations. A fly wagon is used to create different person fly methods without a rail like a bow flight or a 45° flight. The model can be built in a basic workshop or even at home.



Pictures from Traité de la Scenography, Pierre Sonrel, 1943

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	<h3>Fly wagon</h3>	Drawing by: Chris Van Goethem	
Canon Tools	Construction manual	Version: 01.01	Version date: 20/12/2022

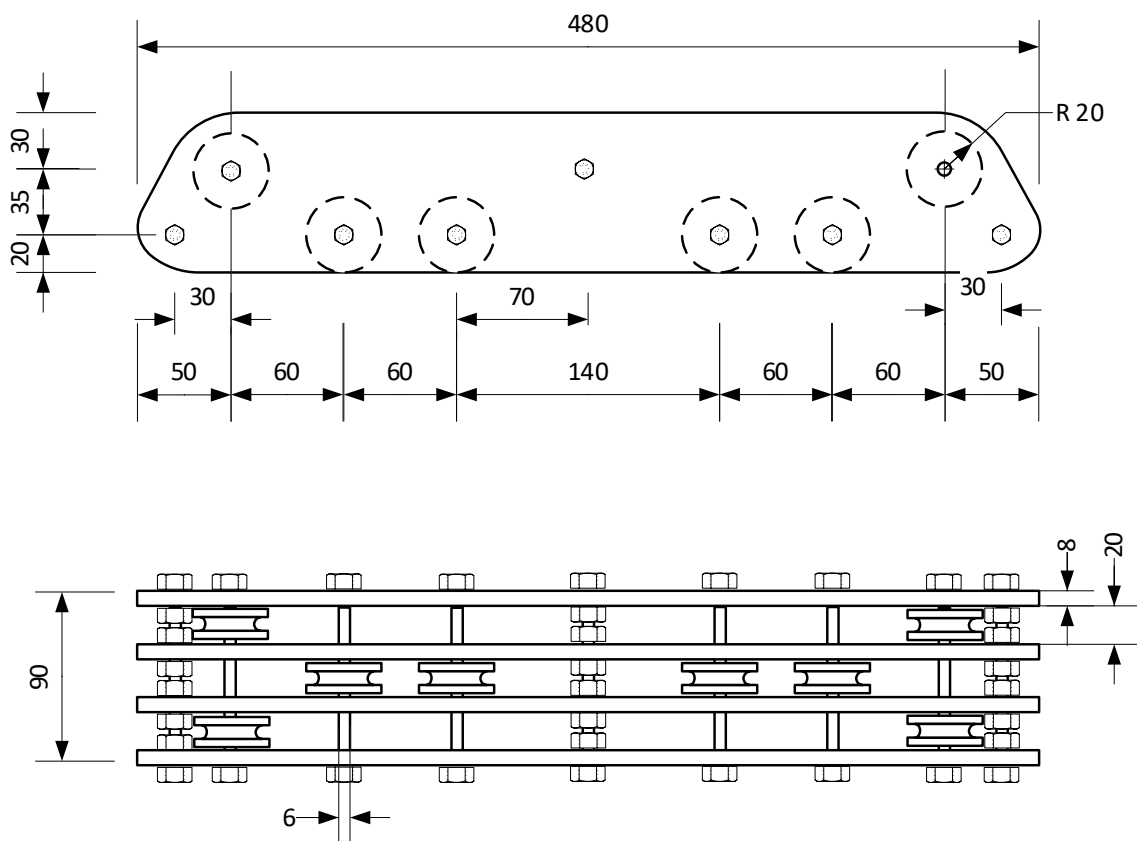
Fly wagon

Materials list

Side plates					
Number	Type	thickness	width	length	
4	side plates	8mm	85 mm	480 mm	see drawing

Other materials	
Number	item
9	100 mm threaded rod M6
36	nut M6
8	puley wheels dia 40 mm

Detail drawings

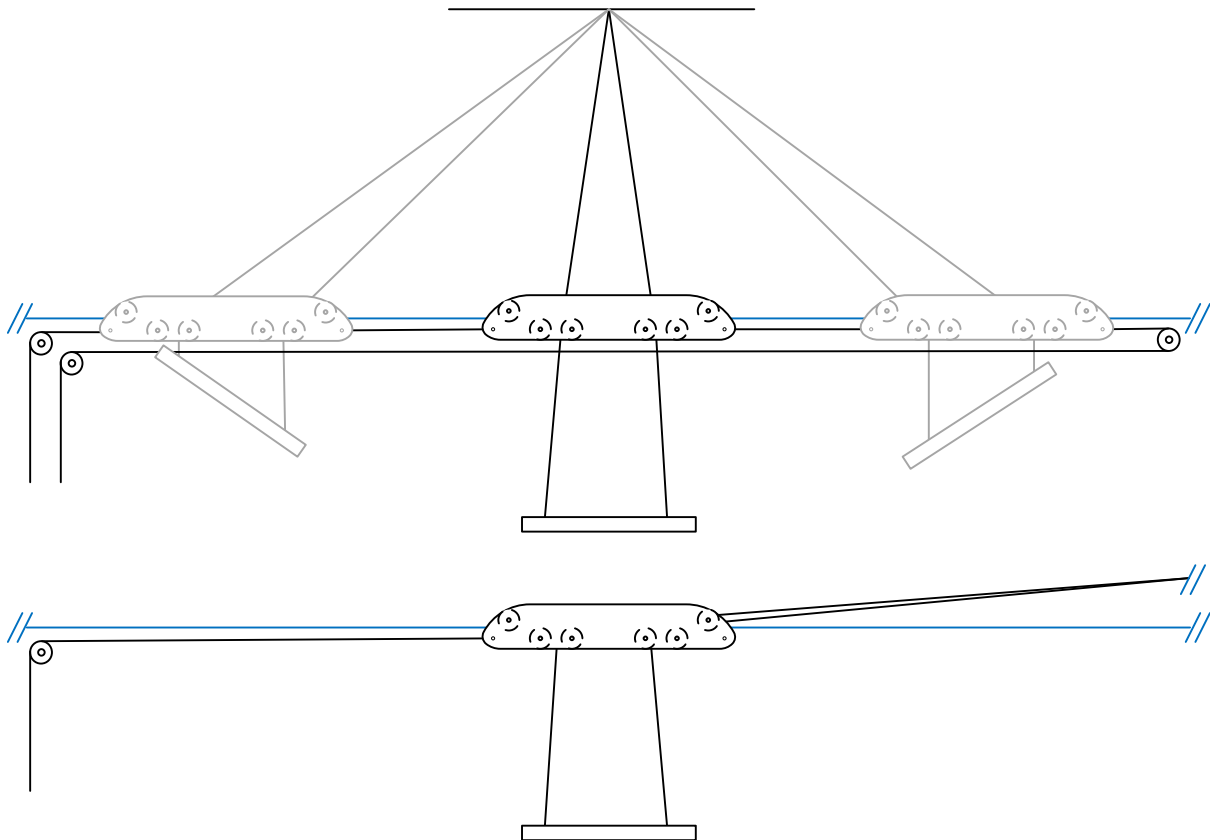


Fly wagon

Construction

1. Cut the four side plates to size and drill all the holes.
2. Mount the rods with the 8 nuts.
3. Tighten the nuts and ensure the 4 side plates are parallel and at the same distance
4. Mount the rods with the pulley wheels

Use



Credits

The drawings and construction method are based on experiments by Chris Van Goethem, RITCS, reconstructing *Traité de la Scenography*, Pierre Sonrel, 1943.

Translation, text and lay-out is done by Chris Van Goethem, RITCS.