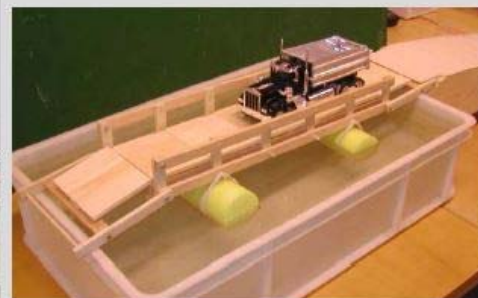




ConTre Model Bridges



ConTre AS

<http://contre.no/>

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Model Bridges

ConTre
Model Bridges

Reprint Trondheim 2022

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Model Bridges

Introduction

- Bridge design and construction are both a combination of art, craftsmanship and advanced technology. Bridges may also illustrate a part of our cultural history and it shows the challenges and also the interaction between technology and society. The technical developments that have led the bridge design and construction to where it is today, is also based on research and development.
- Most people have a relation to bridges. A child's first encounter with a bridge can be in the adventure world, or the experience of crossing a stream on a simple trunk. Later in life you may have observed larger bridges, either in your own country or abroad. Some may wonder how these bridges were designed to carry loads and wonder how they were built!
- For school and for recruitment to the construction industry, bridge construction can therefore, be a possible gateway to the technology world where disciplines such as mathematics, science and art are the basic disciplines.

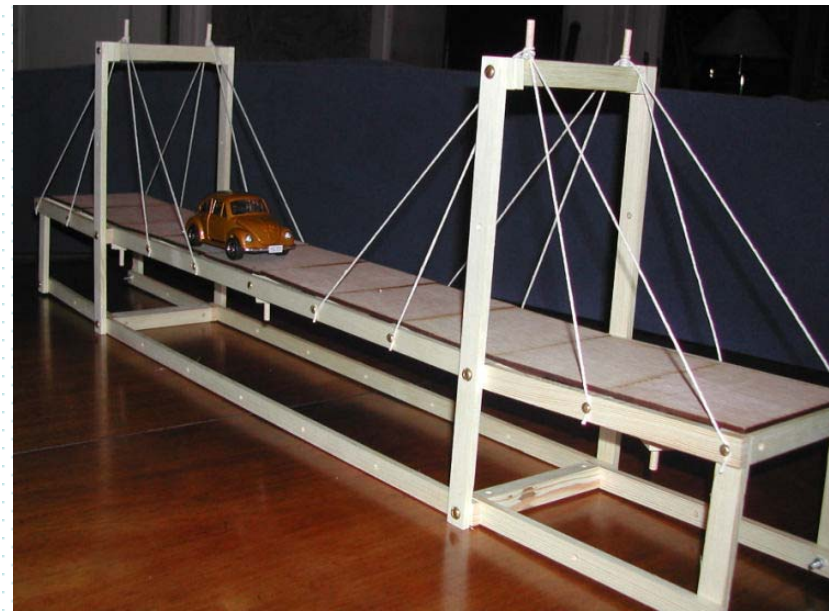


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Model Bridges

ConTre

is a model kit for bridges consisting of wooden rods, beams and slabs. It aims to stimulate young people for the structural engineering profession and the design process using math, science and technology.





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Model Bridges



Bridge Model sets

With a complete set, delivered in a special wooden chest, you can at the same time, build 8 different bridge types such as trusses, arch bridges, free cantilever bridges, floating bridges, suspension or cable stayed bridges. You can also design and build your own bridge model.

Single bridge sets for trusses and arch bridges are also available.

Drawings, pictures and directions for use (at present only in Norwegian) are given as CD Rom.



For information and purchase:

Contact: J.J.Jensen

E-Mail jjj@jjjcon.no

Or

<http://www.contre.no>



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Model Bridges



In the complete set you also will find:

- A handbook "*Structures*", which gives an introduction into structural engineering themes and "guided tours" to different structures. (at present only in Norwegian). (229 pages). (ISBN 978-82-998843-0-3)
- Contre Bridge Models. Building guide. (in Norwegian) 190 pages. with CD Rom enclosed. (ISBN 978-82-998843-1-0)
- The book "*History of Bridges. A Philatelic Review*" by J.J.Jensen, as Digital. (In English and Norwegian) ISBN 82-519-1692-5)



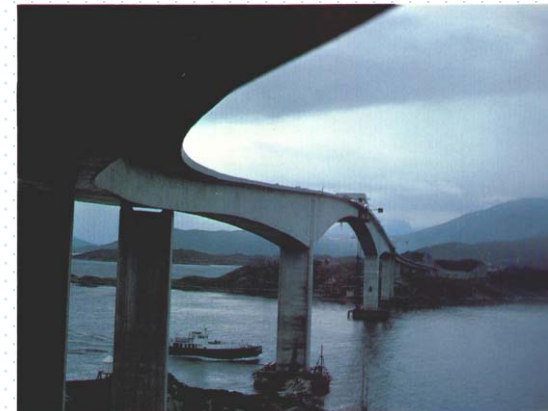
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Build a model of a known bridge or a bridge close to where you are living



The model sets shall give the possibilities to reconstruct real structures, close to where you are living. Local history may be combined with technical knowledge.

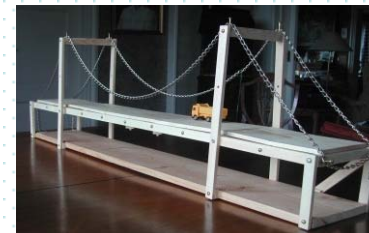




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Model Bridges

With the complete bridge model set, you can at the same time, build 8 different bridge types such as trusses, arch bridges, free cantilever bridges, floating bridges, suspension or cable stayed bridges. You can also design and build your own bridge model.





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Model Bridges

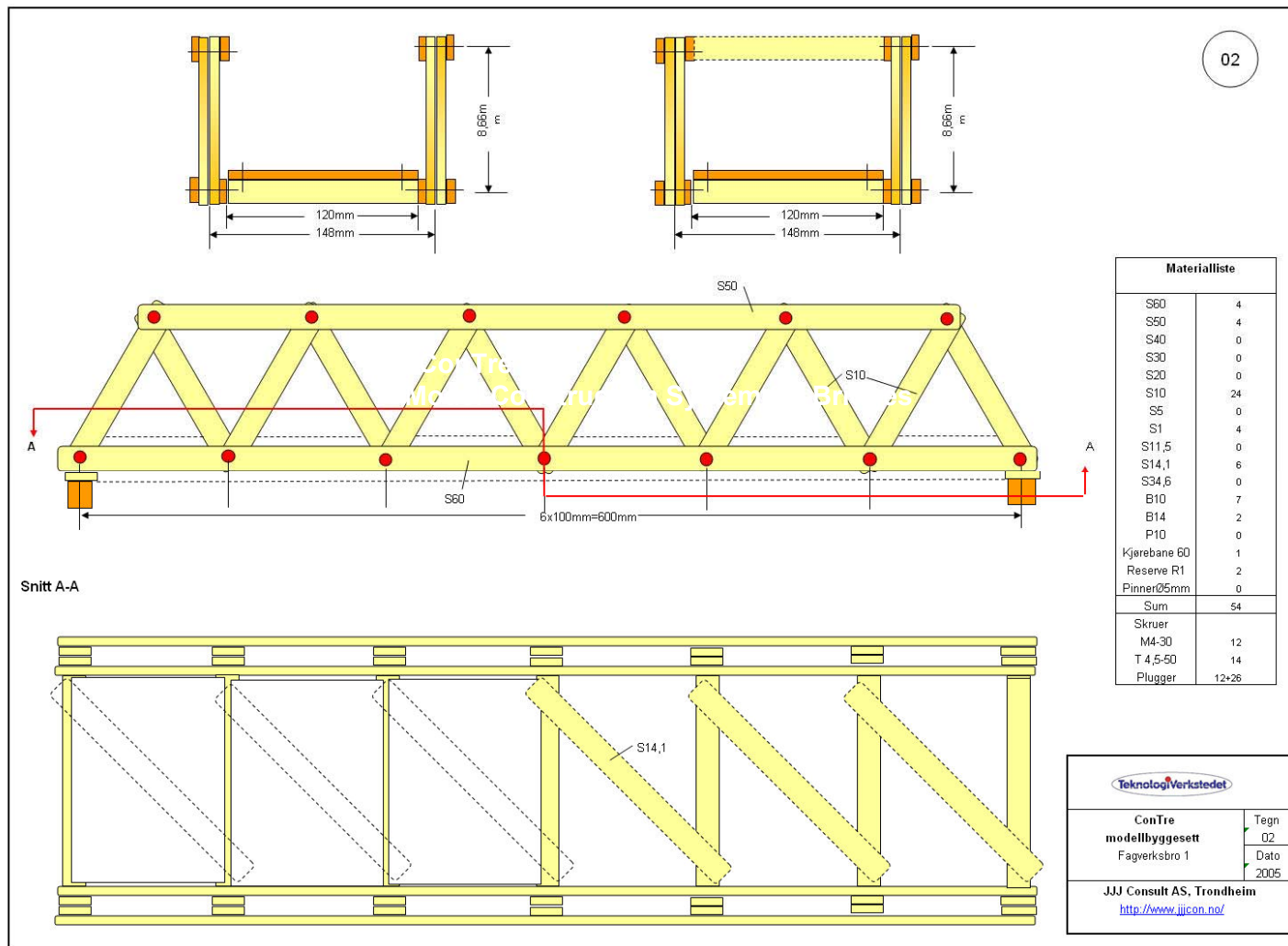


Truss bridge No 1



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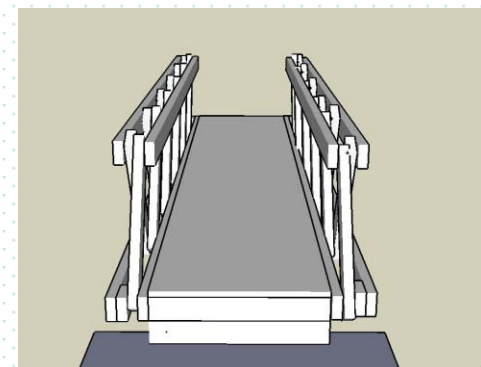
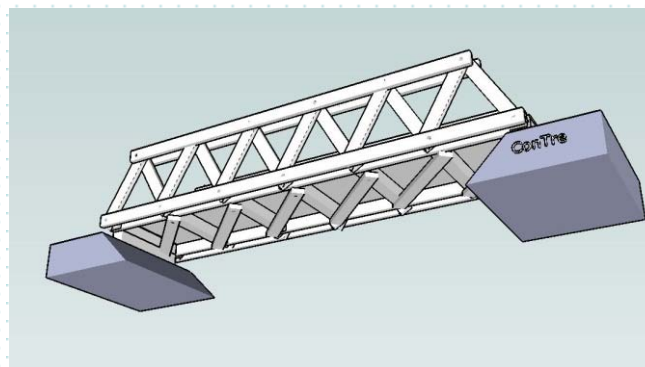
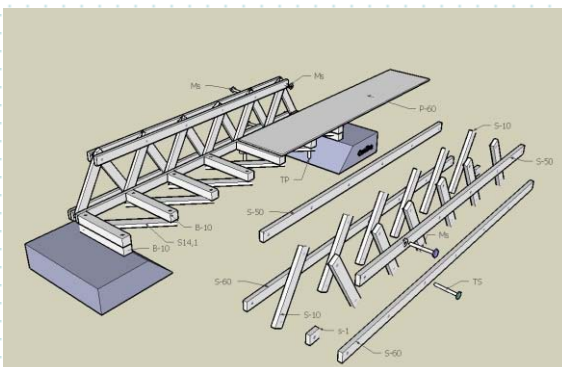
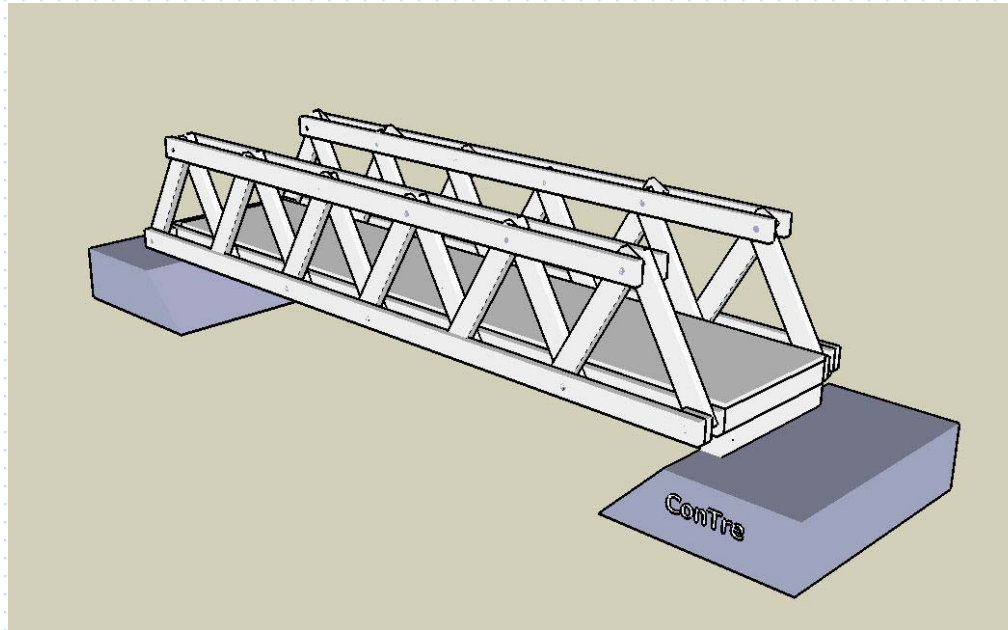
Model Bridges





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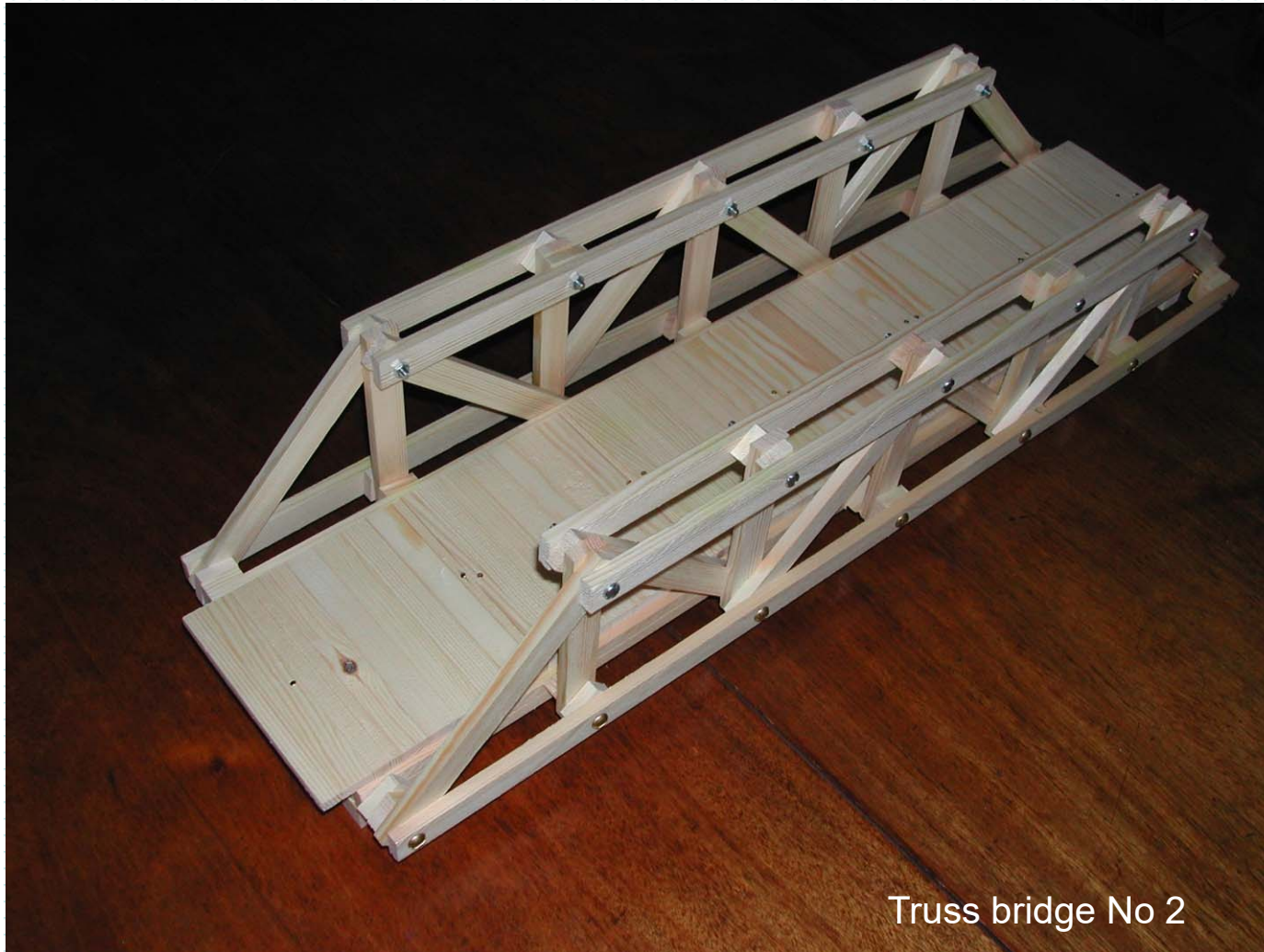
Model Bridges





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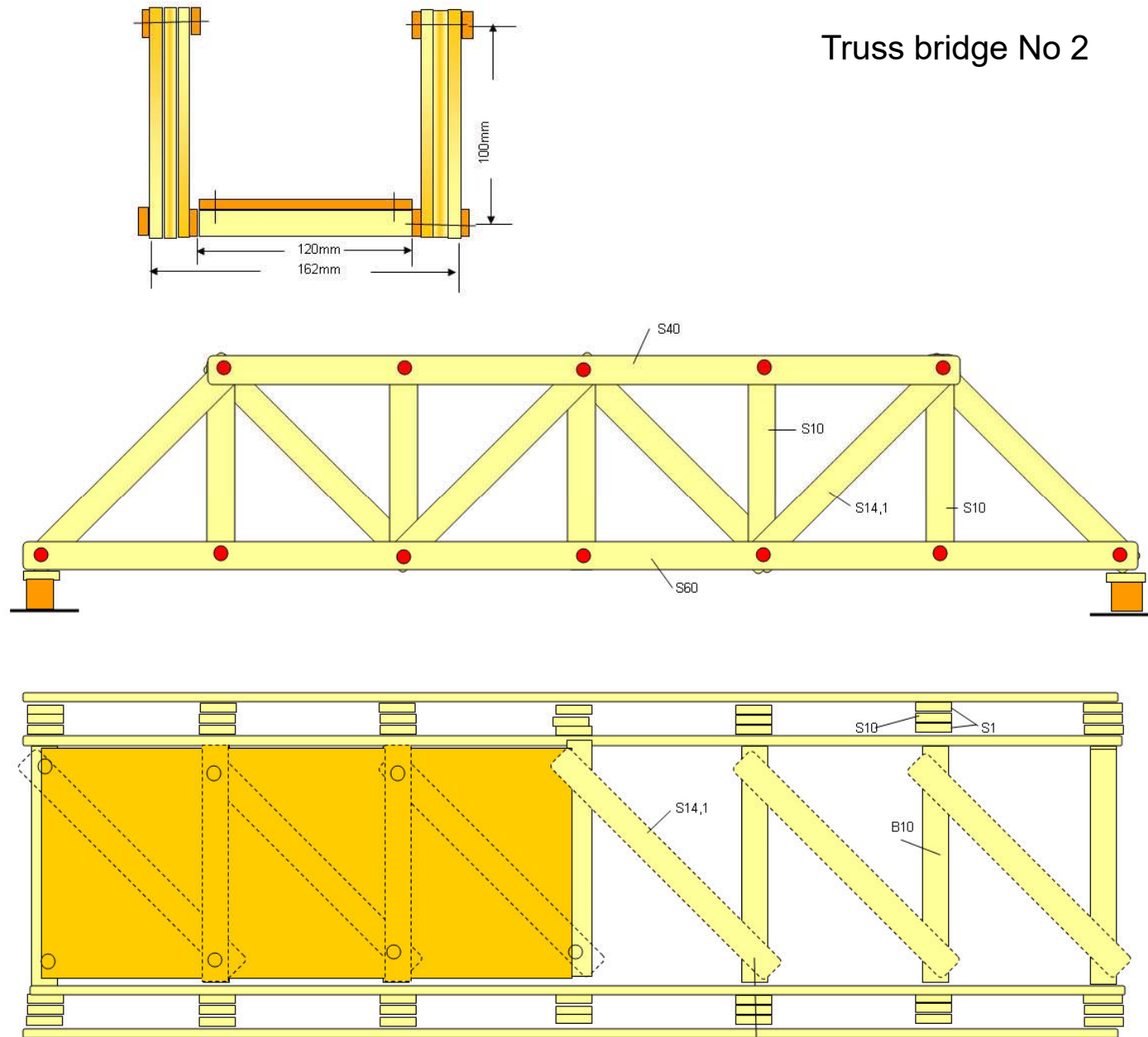
Model Bridges



Truss bridge No 2

Truss bridge No 2

03



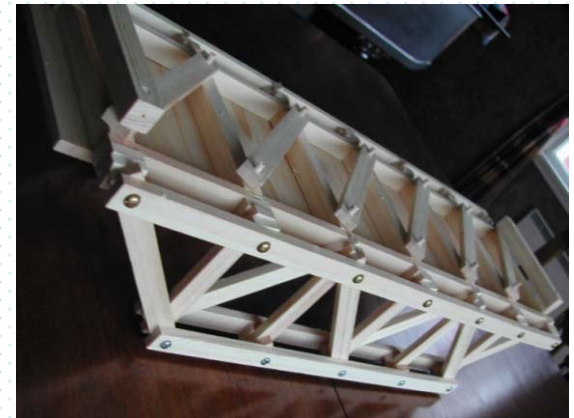
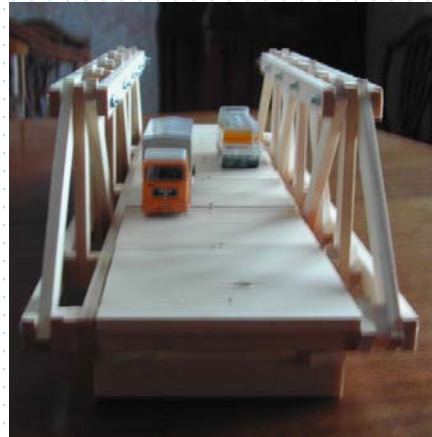
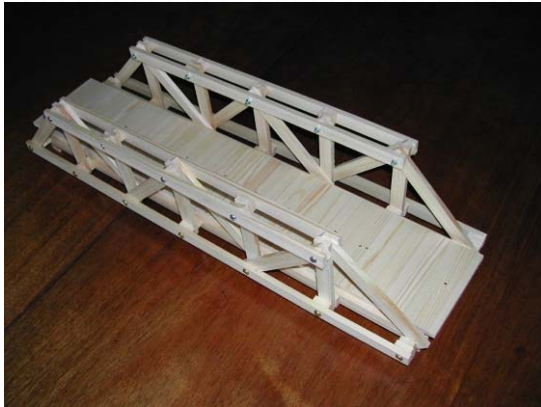
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S50	0
S40	4
S30	0
S20	0
S10	10
S5	0
S1	14
S11,5	0
S14,1	12
S34,6	0
B10	7
B14	2
P10	0
Kjørebane 60	1
Reserve R1	2
Pinner Ø5mm	0
Sum	56
Skruer	
M4-40	10
T 4,5-50	14
Plugger	12+24

	
ConTre	Tegn
modellbyggesett	3
Fagverksbro 2	Dato
	2005
JJJ Consult AS, Trondheim http://www.jjjcon.no/	



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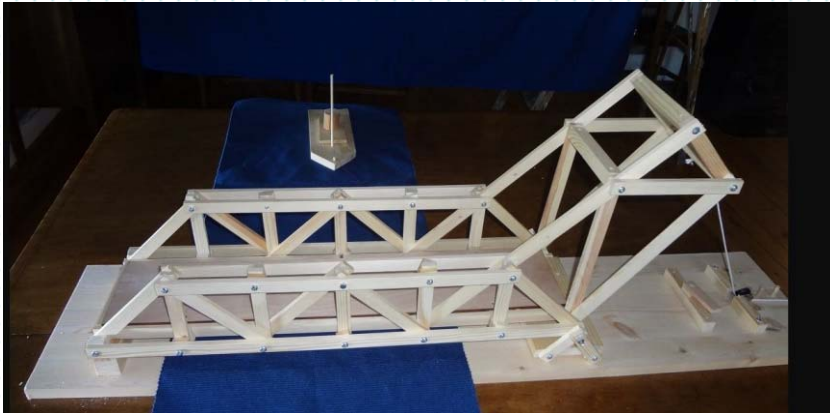
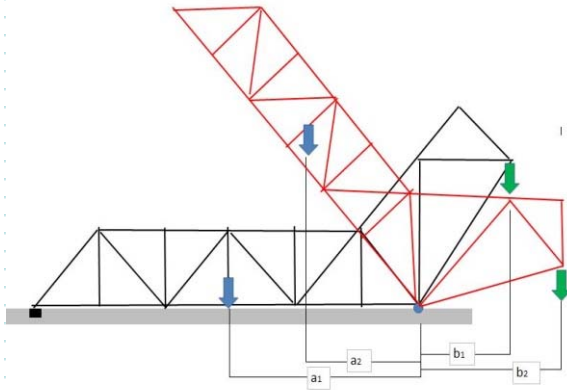
Model Bridges





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Model Bridges





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Floating bridge



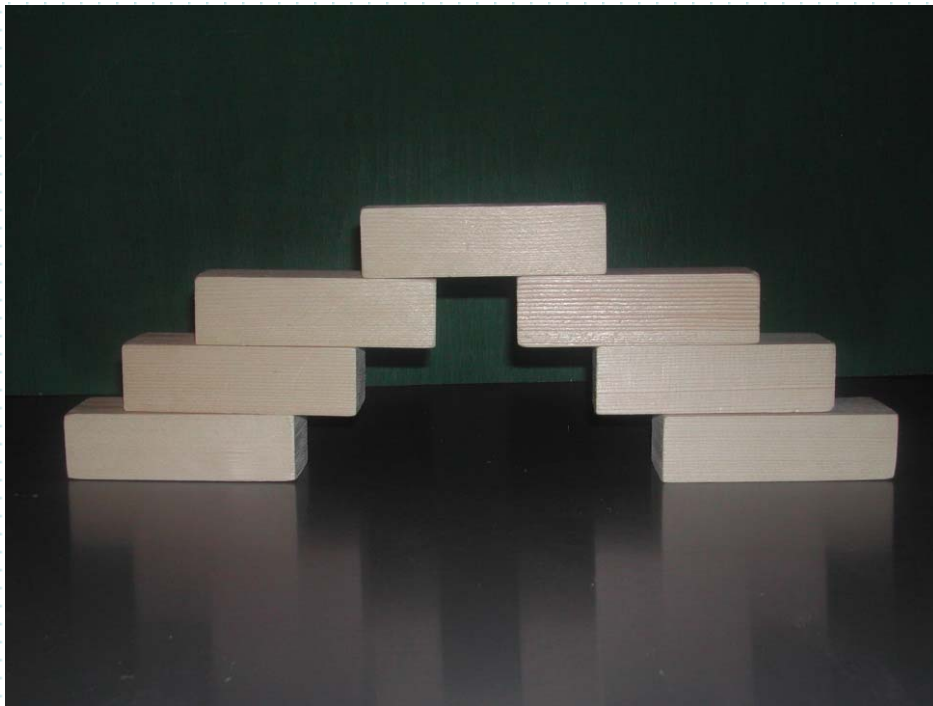
Kommentar:
Landgang kan alternativt lages
med blomsterpinner Ø5
Se figur til venstre
Rekkverk kan lages av S5 -S50,
Alternativt blomsterpinner

	
ConTre modellbyggesett Flytebro	Tegn 6 Dato 2009
JJJ Consult AS, Trondheim http://www.jjjcon.no/	

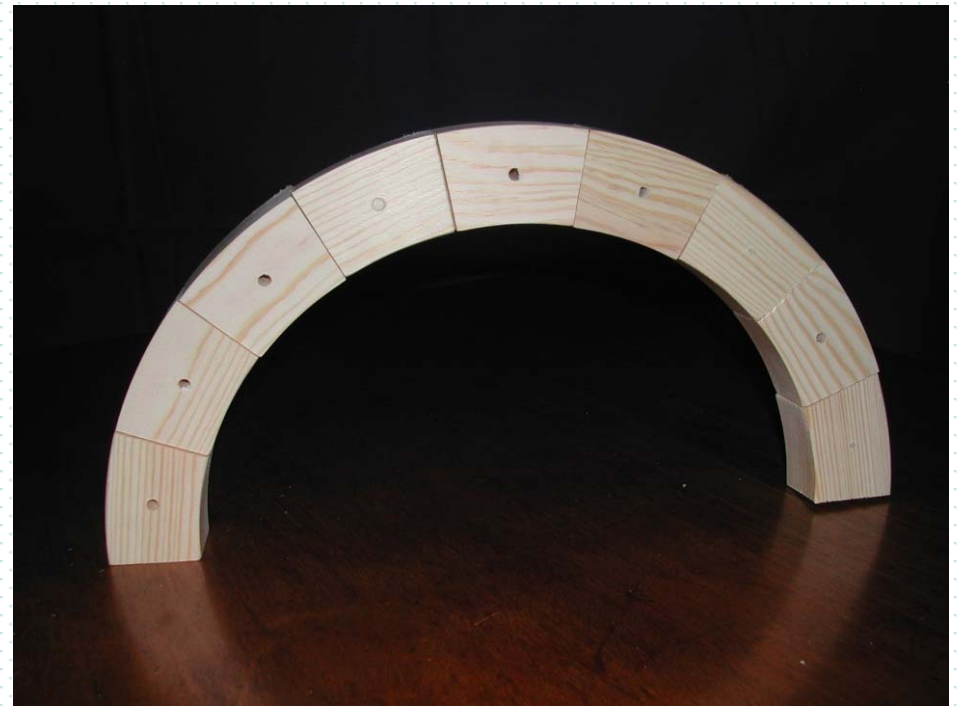


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Arches



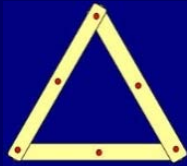


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Model Bridges

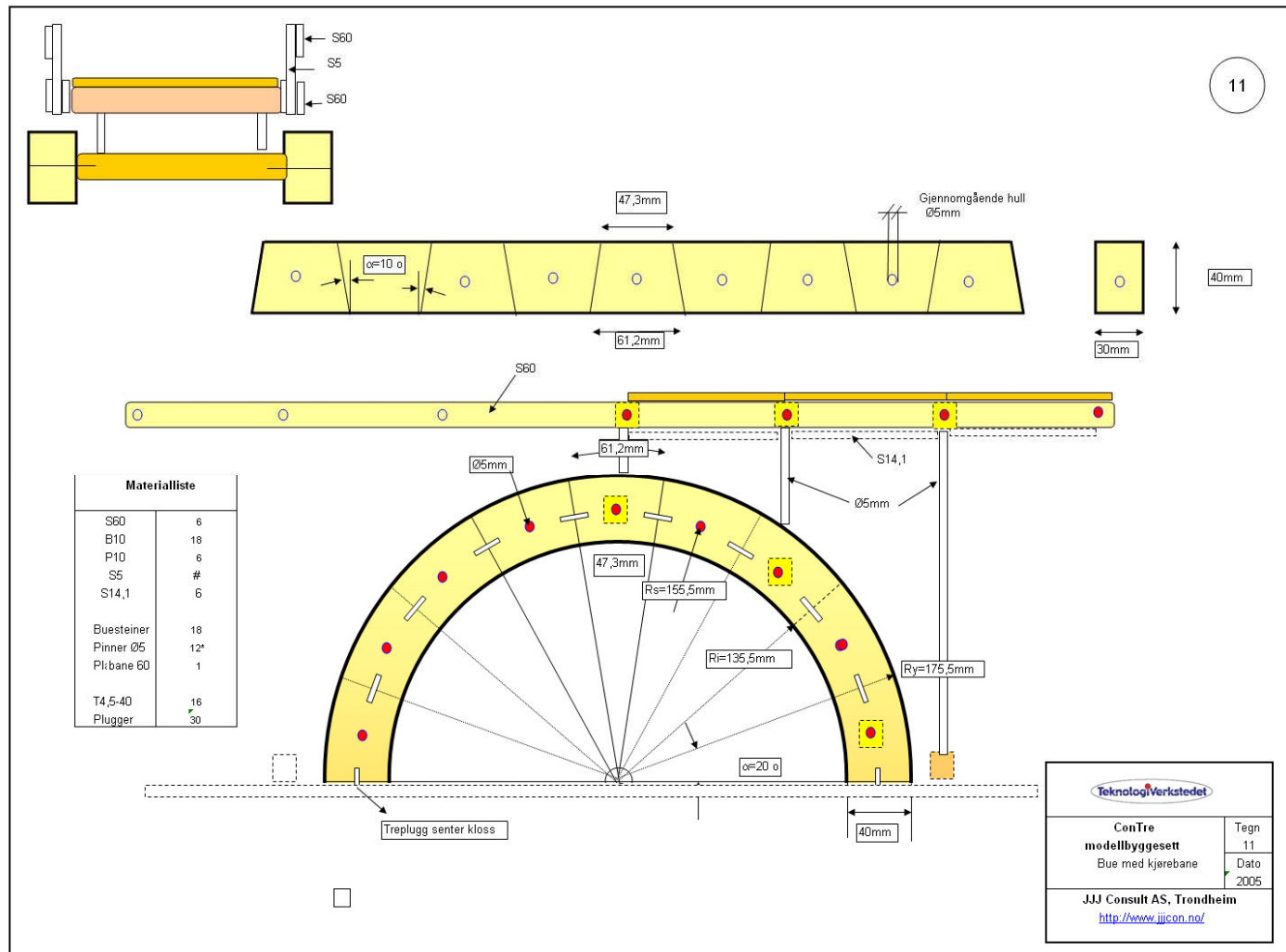


Arch bridge model



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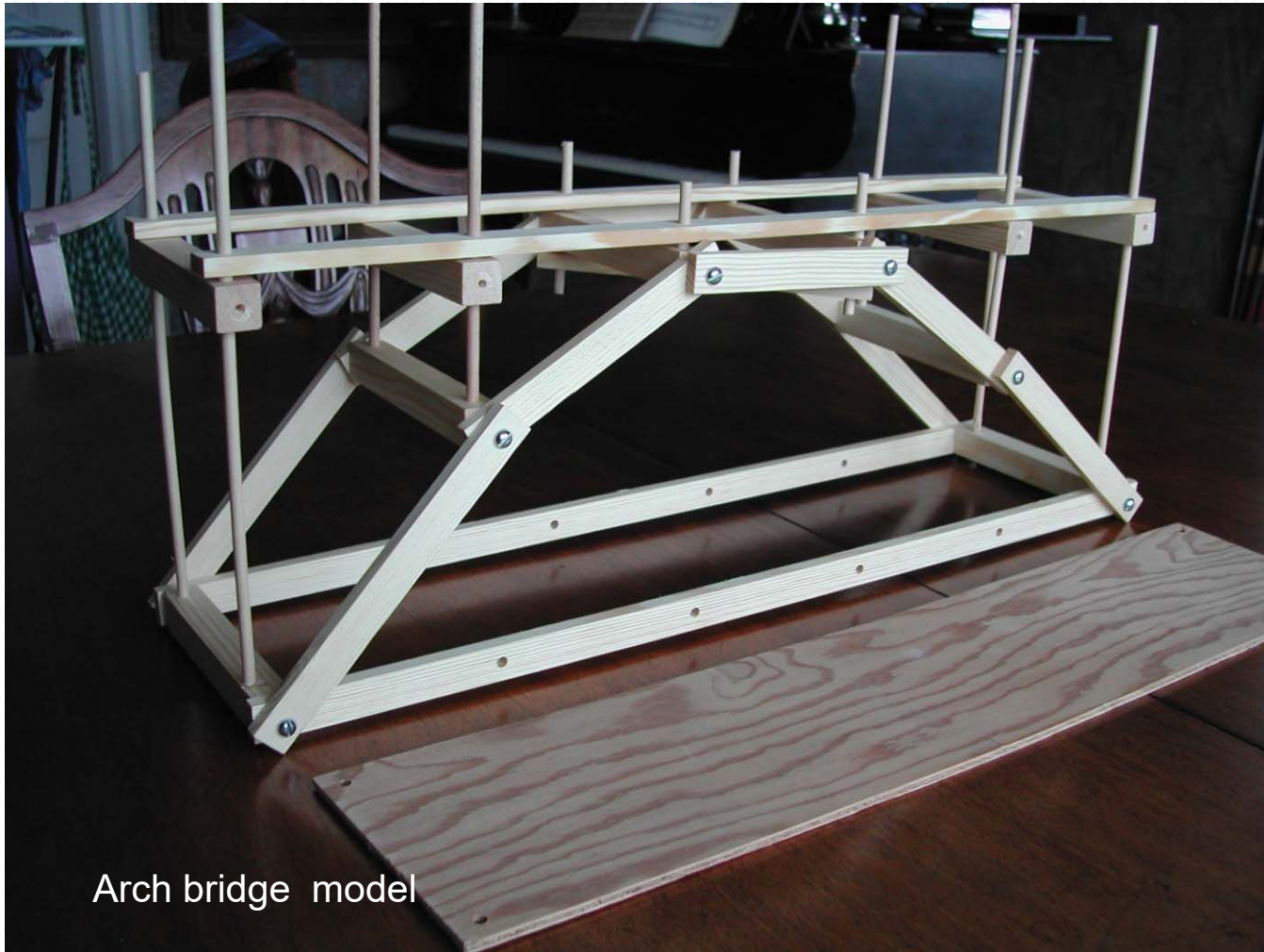
Model Bridges





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Model Bridges



Arch bridge model



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Model Bridges

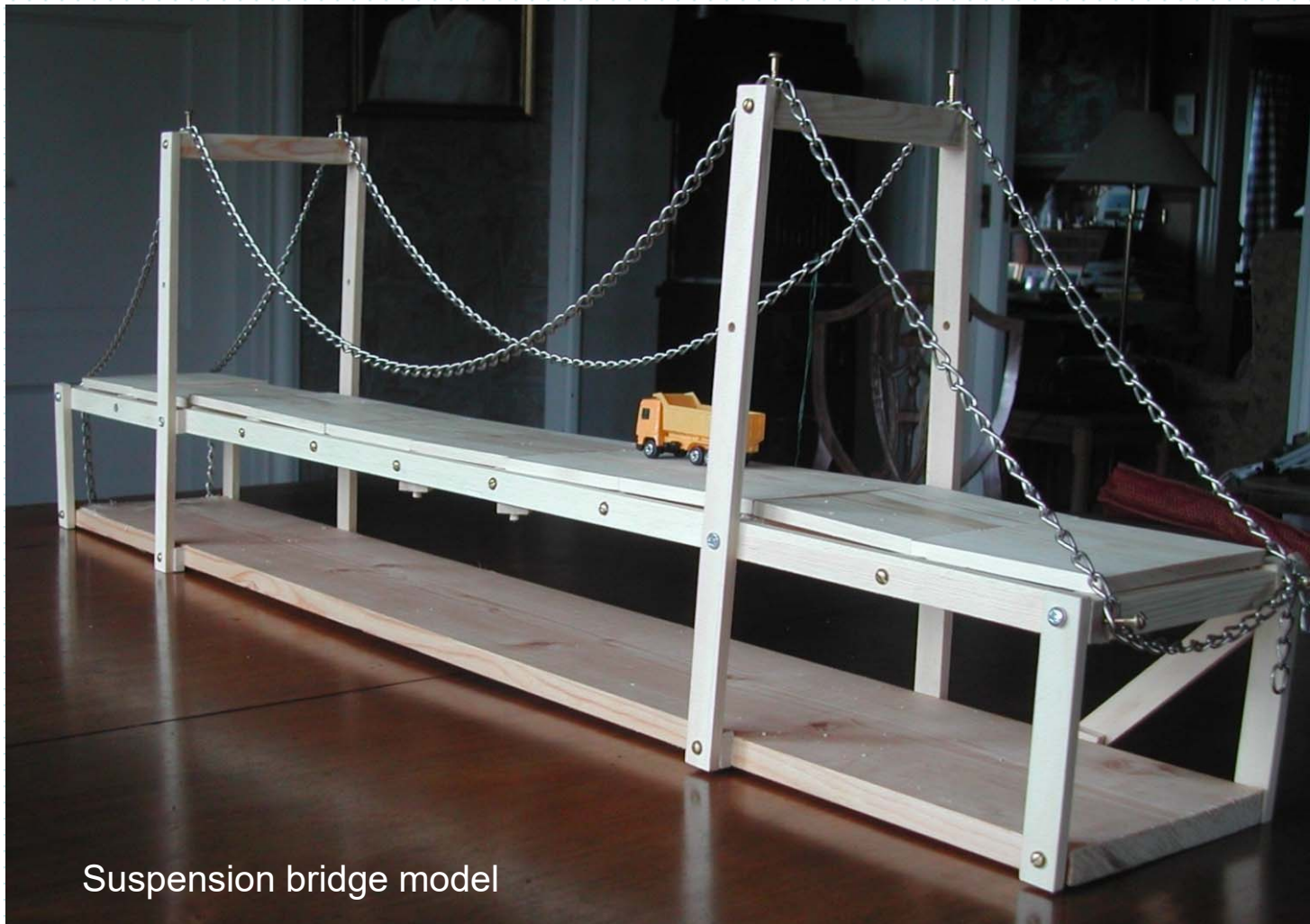


Arch bridge model



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Model Bridges

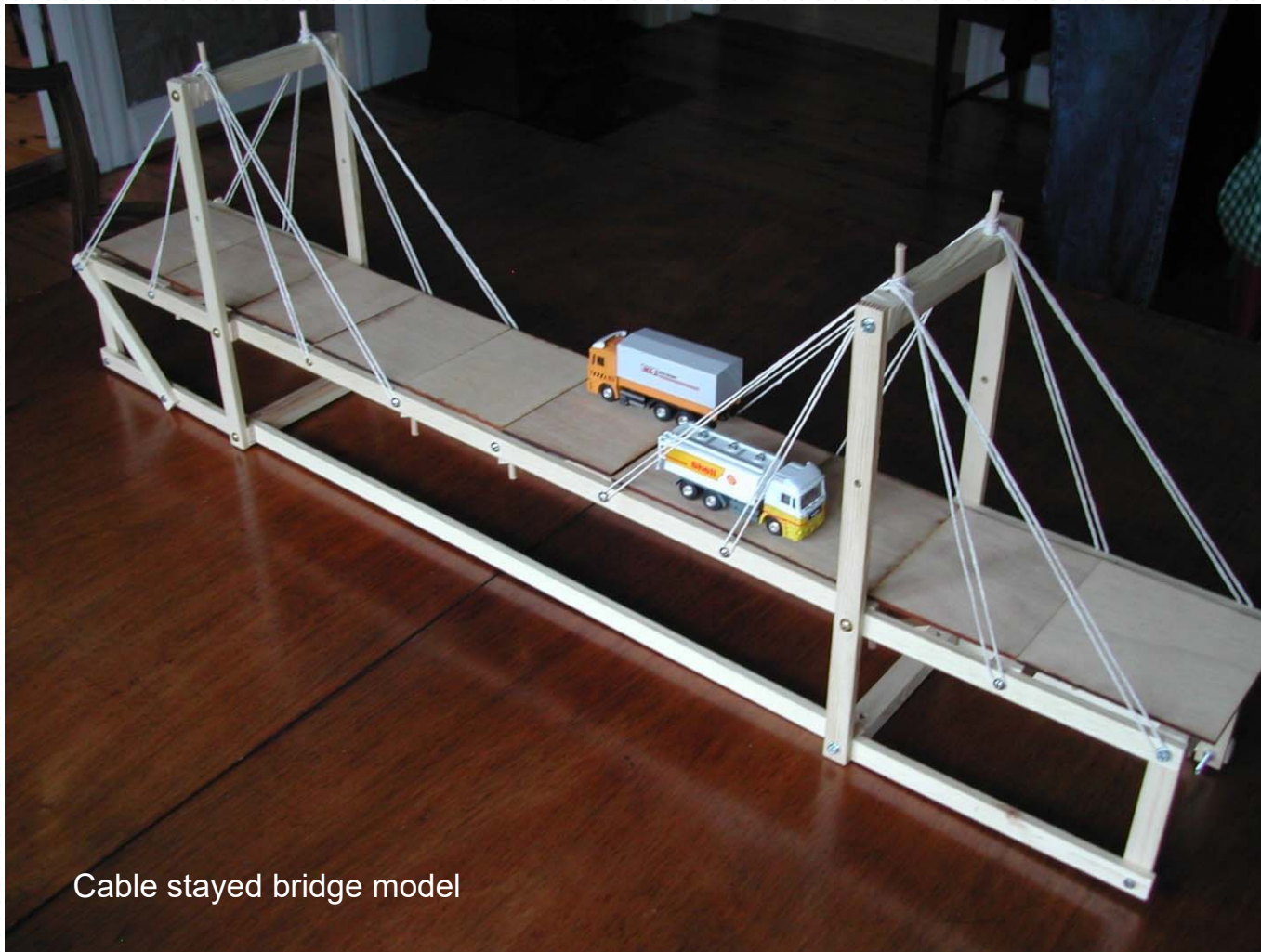


Suspension bridge model



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Cable stayed bridge model



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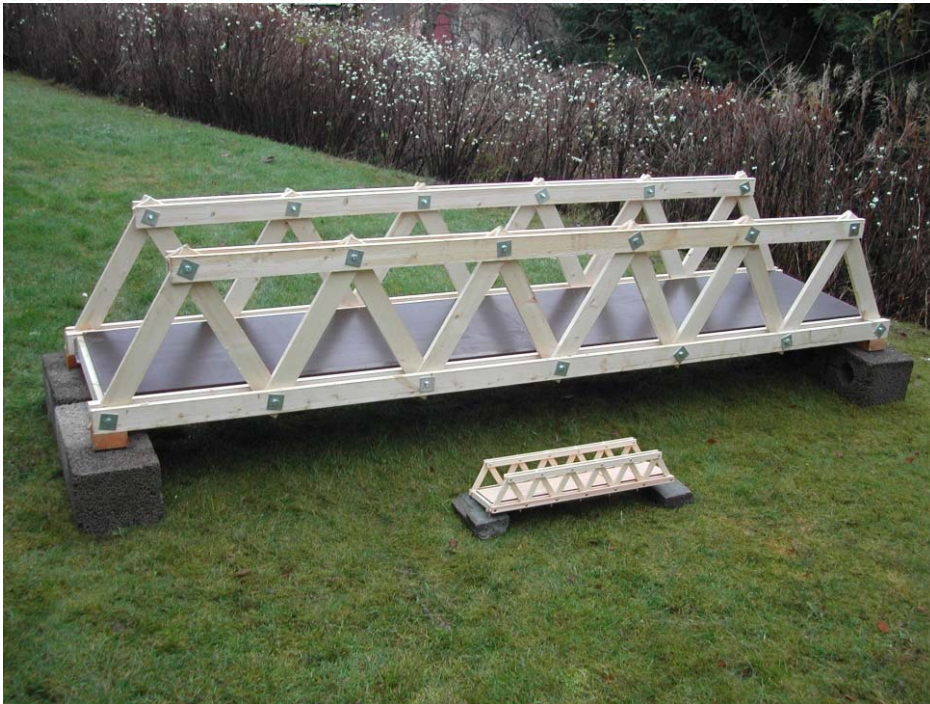
Cantilever bridge model



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Model Bridges

Build your model bridge in larger scale

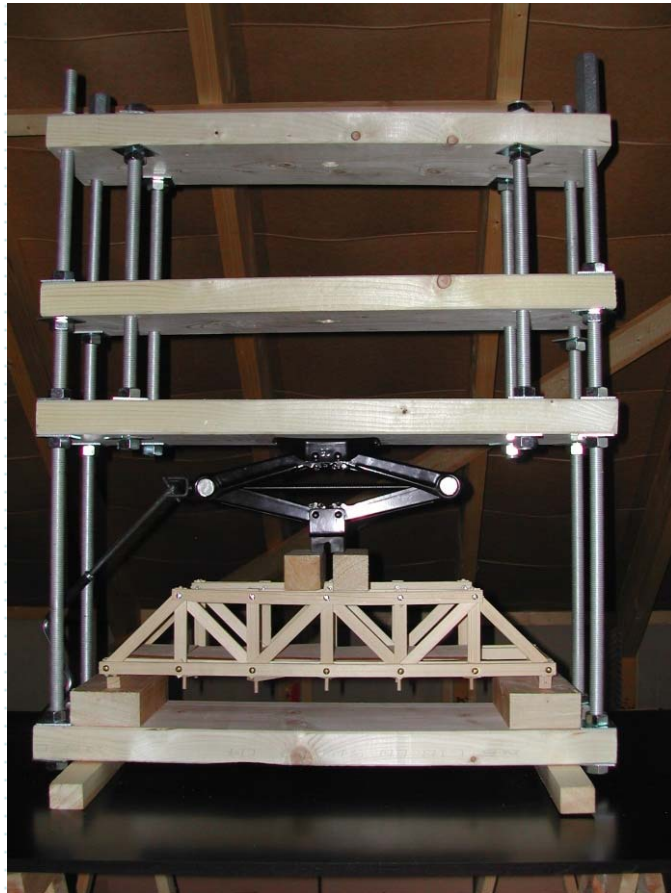


ConTre truss bridge model in small and large scale



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Model Bridges



«Lab test «

Test your bridge models



«In situ test»



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Model Bridges



ConTre bridge on stamps!



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Model Bridges

Purchase and delivery information.



- The ConTre bridge model kit is delivered in wooden chests. (See picture)
- To order or for more information go to <http://www.contre.no/>
- Contact:
Contre JJJ, Gamle Åsvei 51B, Trondheim, Norway
- E-Mail jjj@jjjcon.no



ConTre Forlag

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