

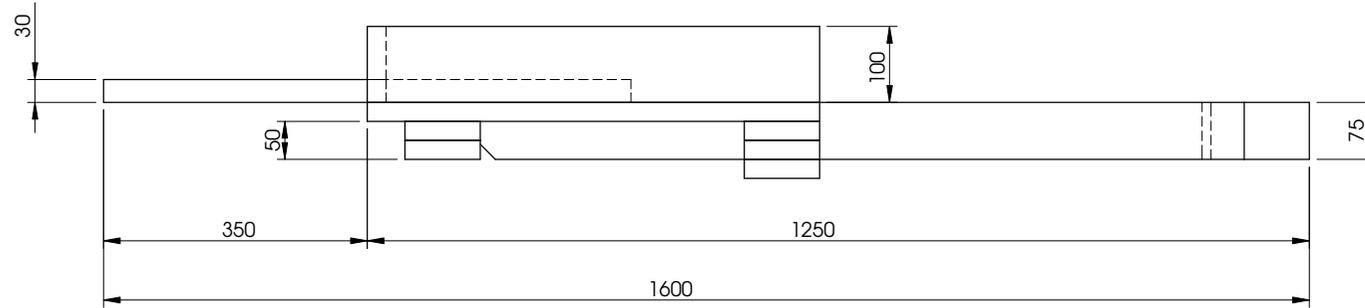
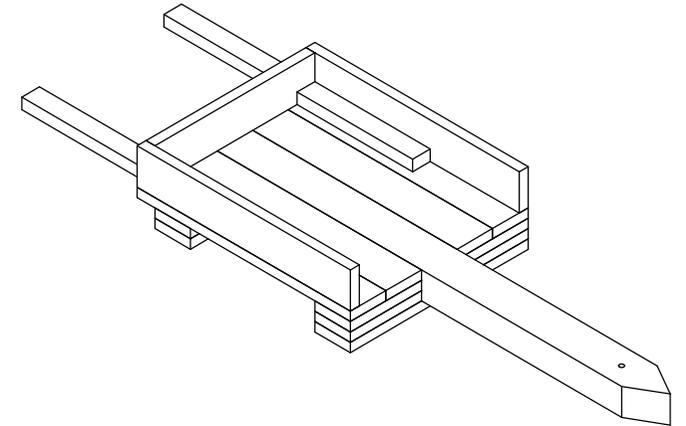
MAIN CHASSIS #1

The main sizes of wood used in making the chassis are: 100 x 25, 100 x 75 and 50 x 30 (millimetres). Nails are used to fix the wood together. There is no need to use Glue. Make sure that the nails are long enough to break through the other side. Then the nails can be "clinched" or bent over on the other side. This makes for a very strong connection, whereby the two pieces of wood cannot be easily pulled apart. Try and avoid "splitting" the wood by not hammering in too many nails. It is also possible to flatten or dull the sharp tip of the nails (hammer the nail on its tip a few times), and this will reduce the chances of splitting wood. 2" Inch (50mm) and 3" Inch (75mm) Round Wire Nails are used throughout.

Make sure not to use weak timber / wood which may be very light or contain lots of "knots" or splits.

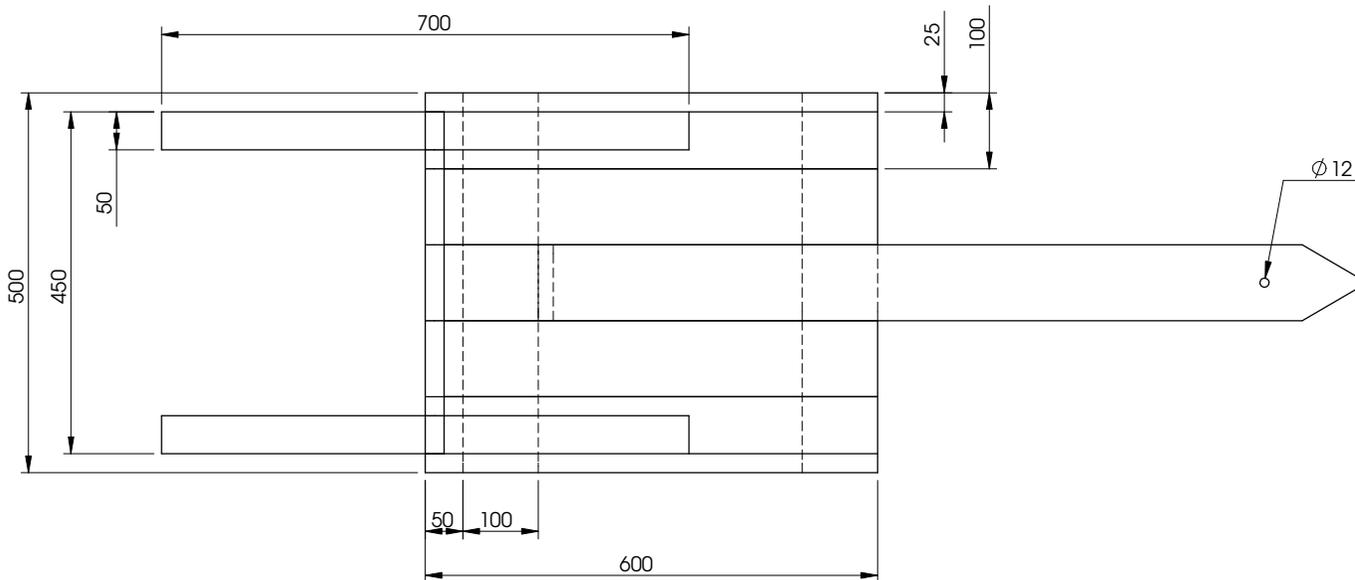
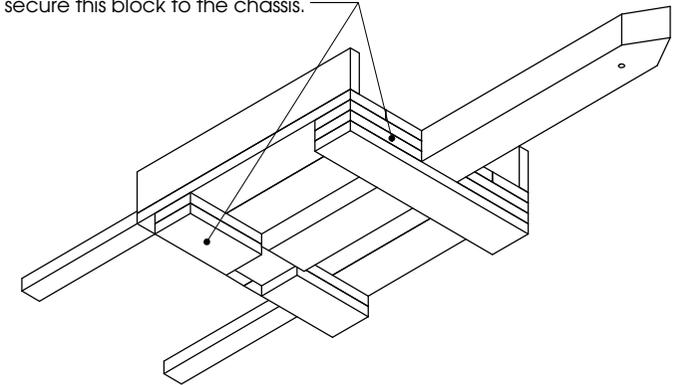
Notches / Pieces will have to be taken out of 2 pieces of wood. A 12mm hole will have to be drilled in the Main Chassis member.

These will be shown on the next page.



When nailing wood together, the nails should extend and protrude on the other side, where they can be "clinched" and bent over. This makes for a very strong connection.

For the Rear Axle Padding pieces, nail 2 pieces together firstly, then secure this block to the chassis.



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<p>TITLE: CHASSIS # 1</p>		<p>DATE: 17/10/2009</p>	
<p>MATERIAL AS SPECIFIED</p>		<p>REV. 1</p>	
<p>FILE NAME: Main-Wooden-Kart-</p>		<p>SIZE: A4</p>	
<p>SCALE: 1:20</p>		<p>DESIGNER: STEPHEN BURKE</p>	
<p>SHEET 7 OF 21</p>		<p></p>	