Plan For A Vertical Lumber Storage Cart



- super small footprint
- large vertical support
- avoids bending of longer boards
- plenty of space



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Notes about this project

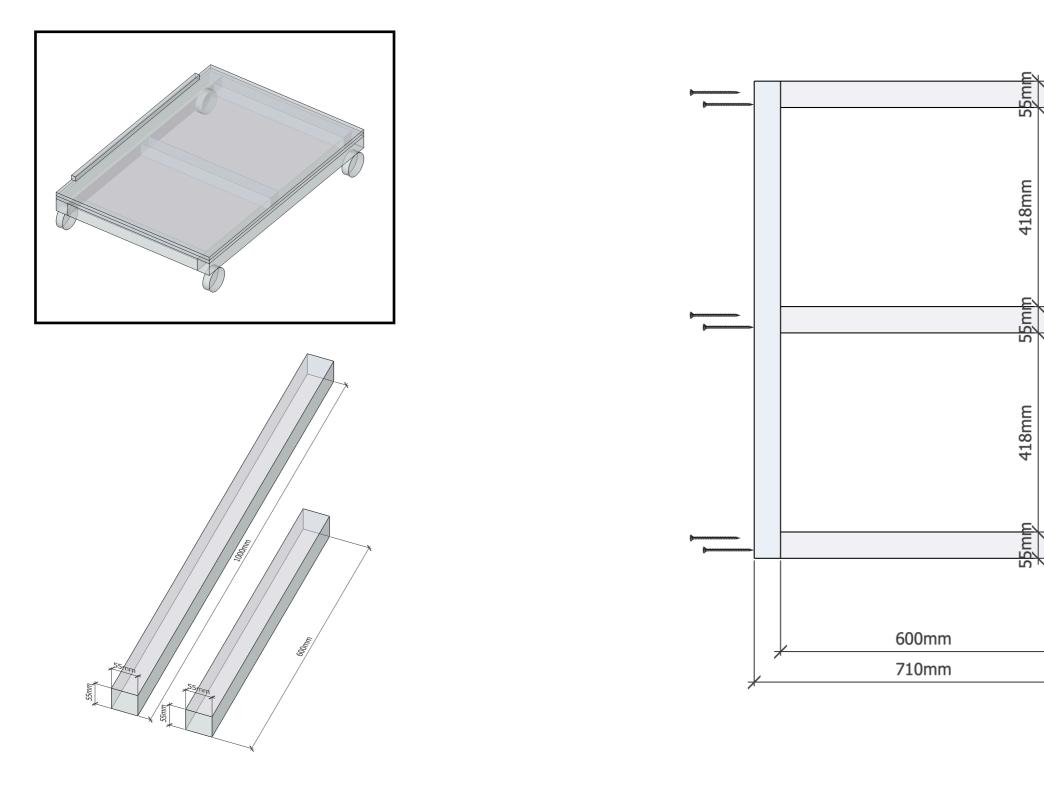
- all panels consist of 15mm plywood
- basic frame consists of 55x55mm spruce
- all joints must be secured with glue and appropriate screws
- soft rubber rollers should be used (steerable and lockable, 100mm diameter)
- primarily designed to vertically store 2000mm boards
- fit through a door
- the cart should always be loaded evenly
- the vertical load should always be additionally secured
- don't overload the cart



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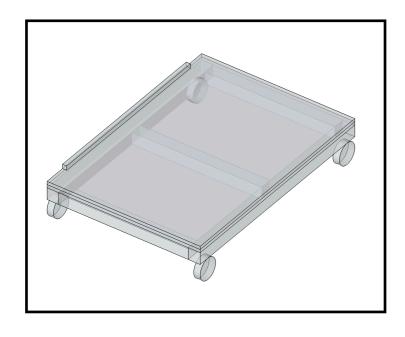
Basic Frame

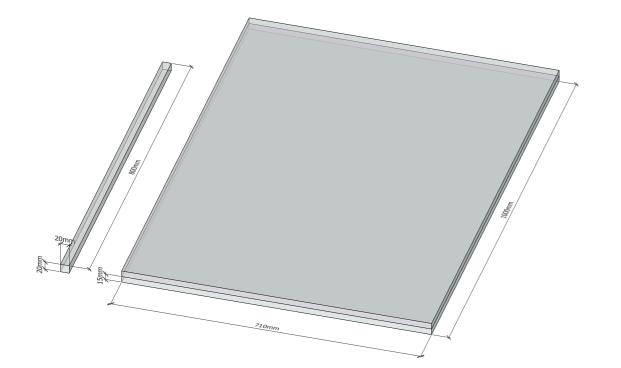


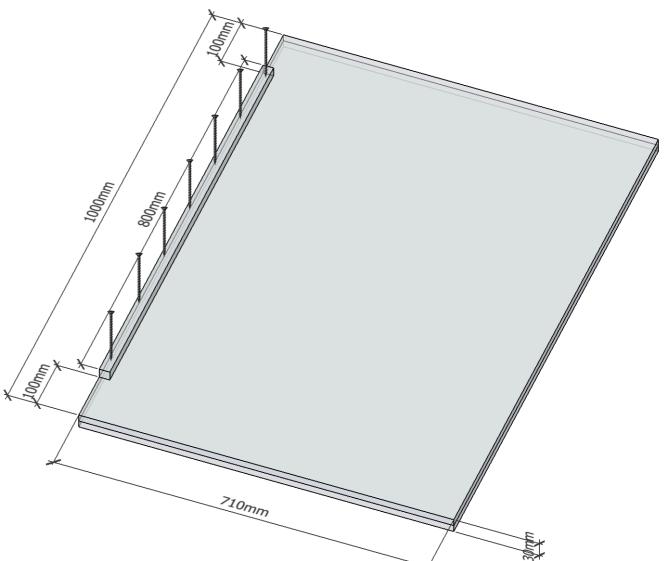


1000mm

bottom with side support

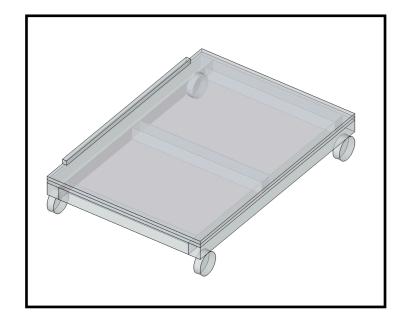


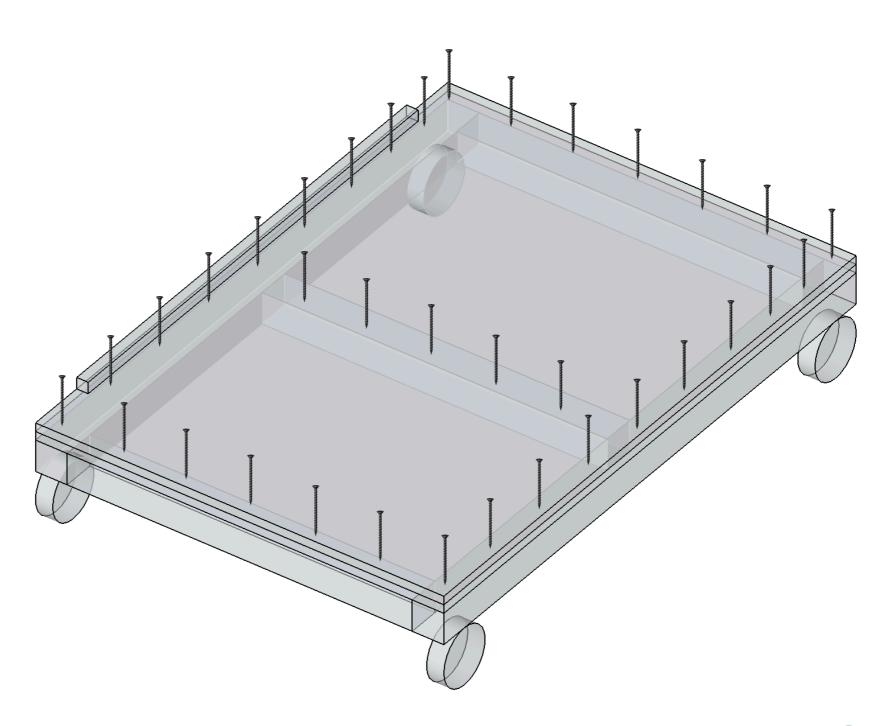




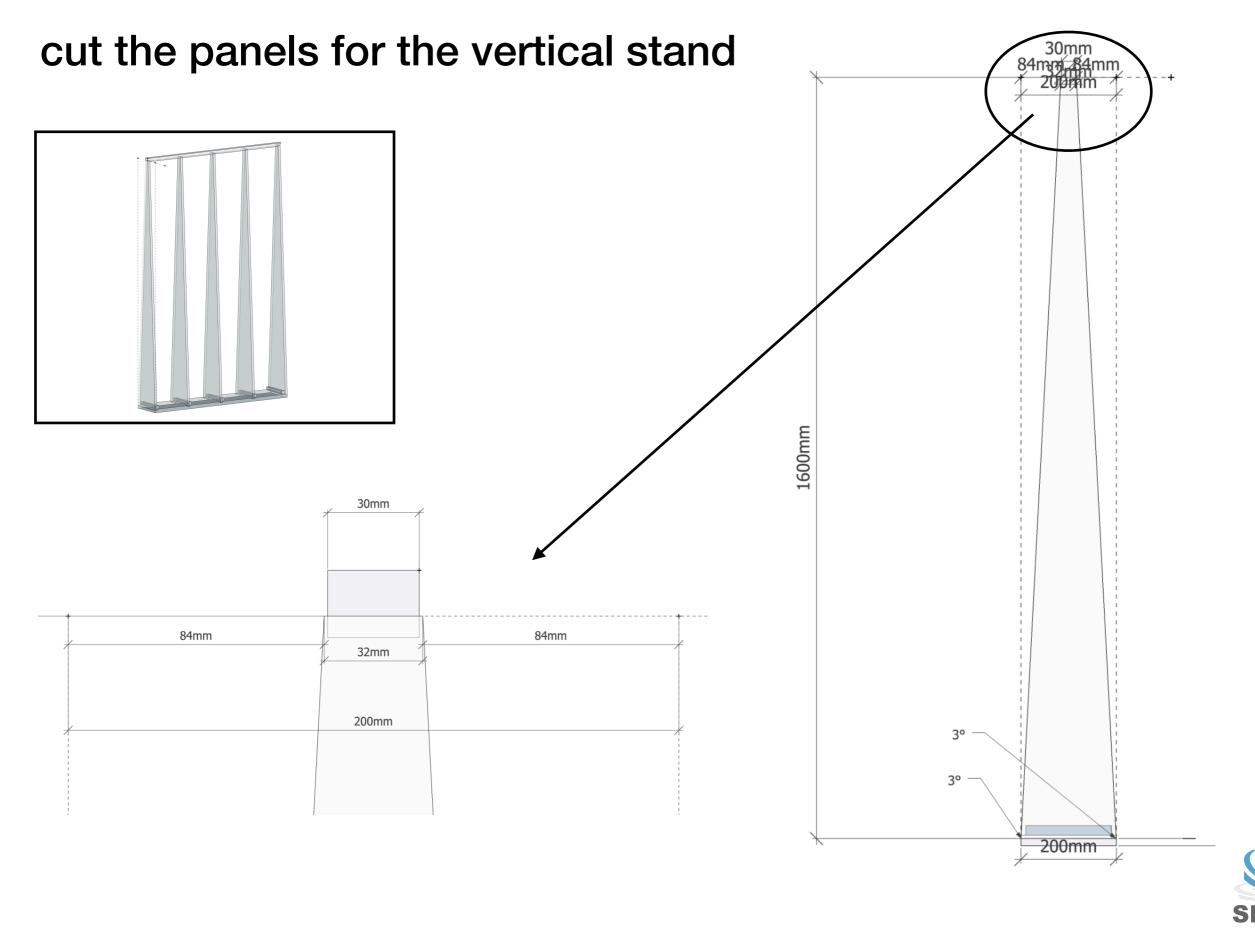


mounting the bottom and coasters

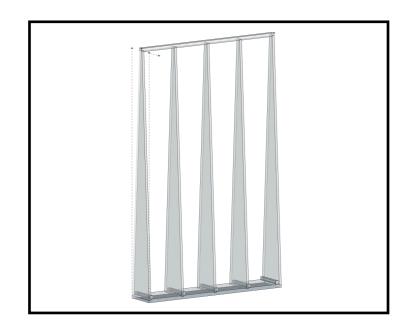


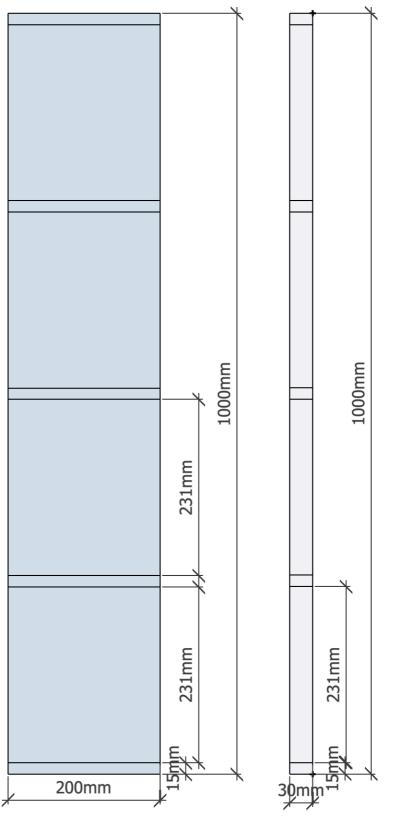






cut the dados with table saw or router

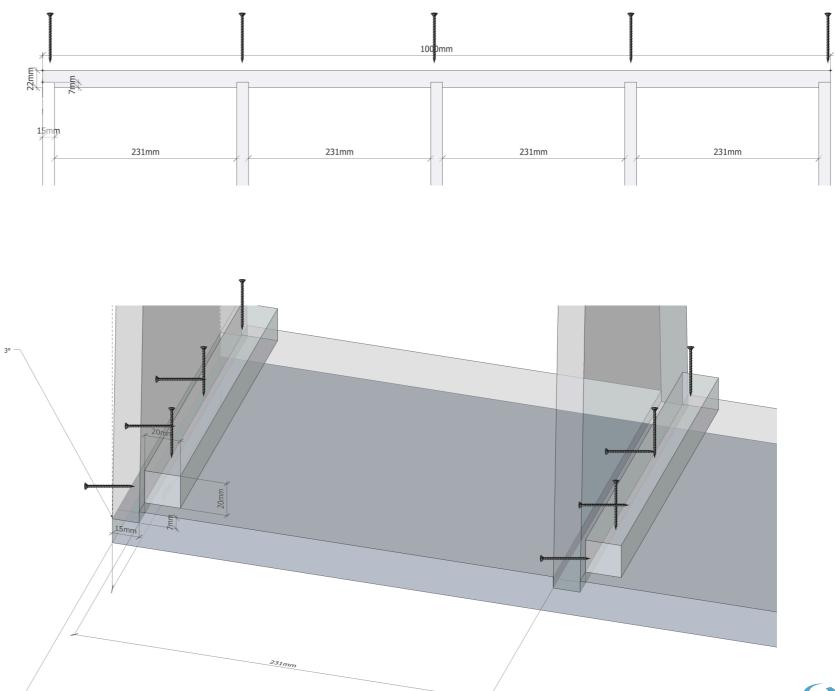






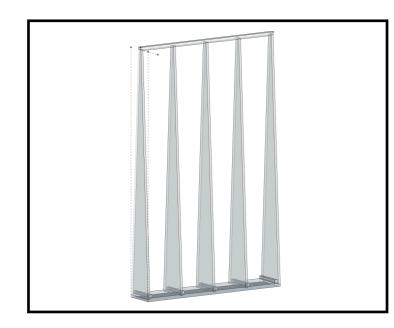
add brackets for additional support

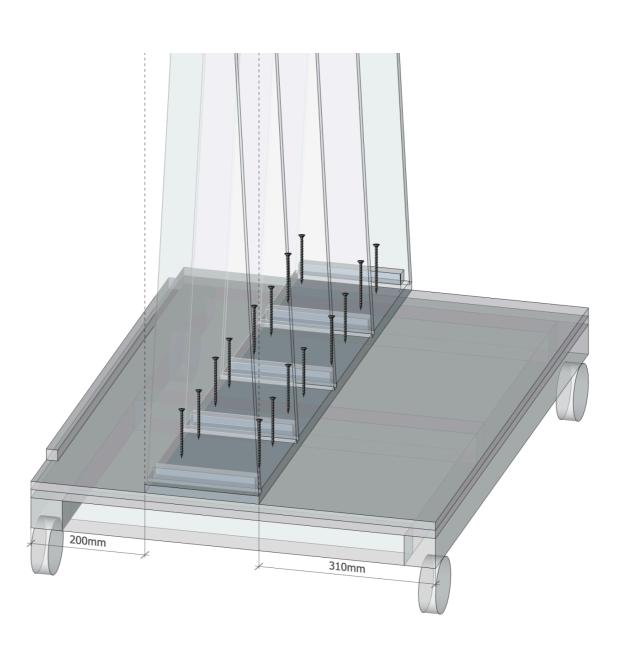






fix the stand very firmly to the base

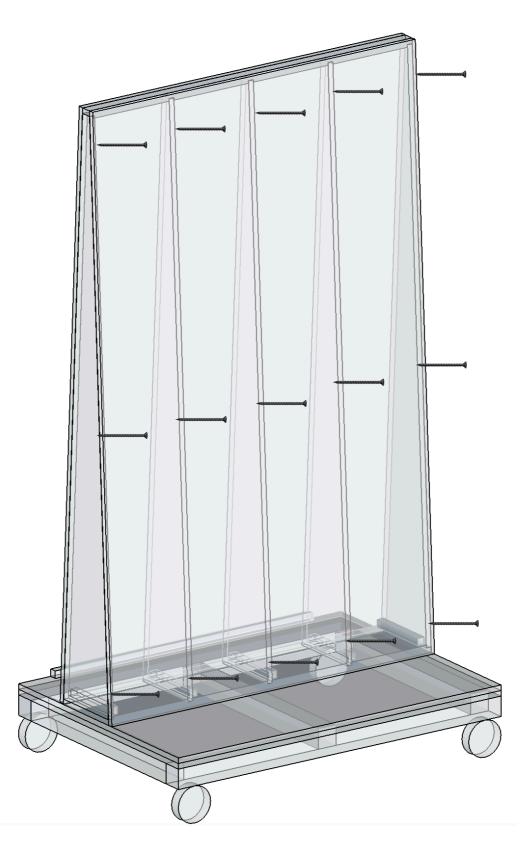


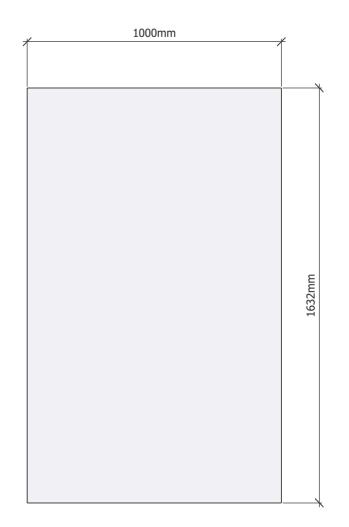




fix both panels on the skeleton with screws

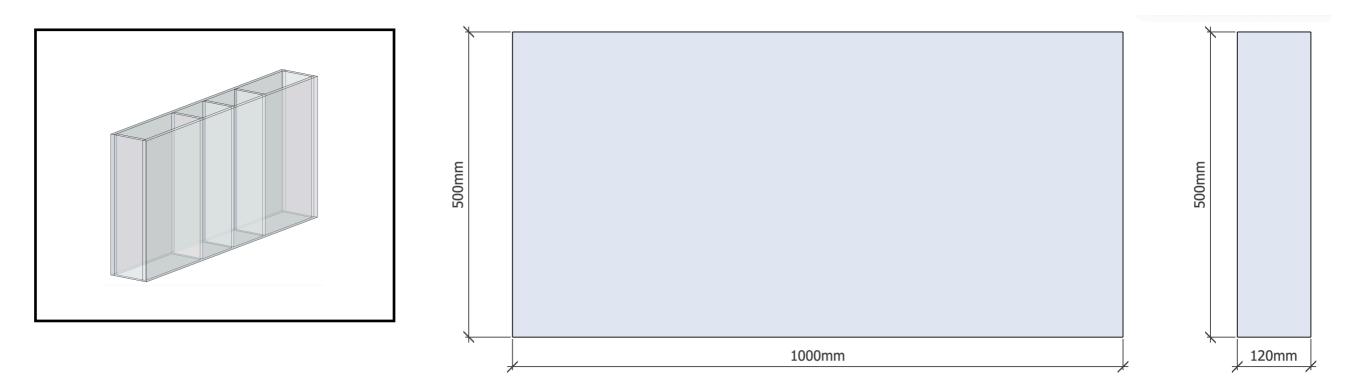


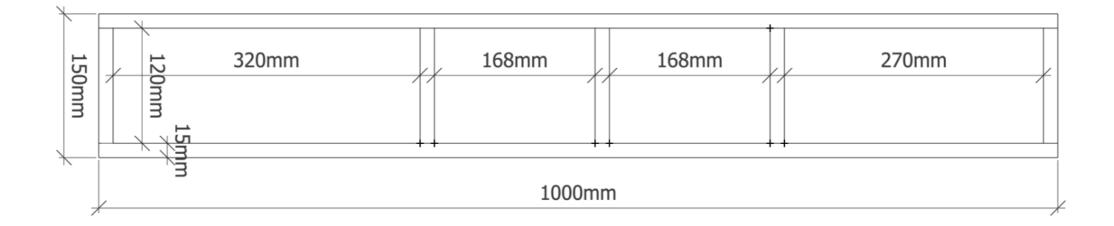






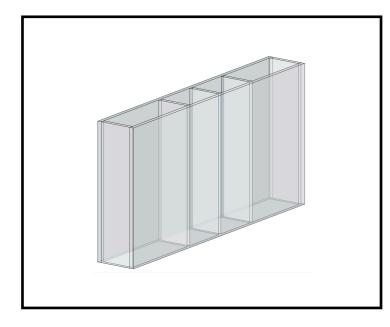
building the basket

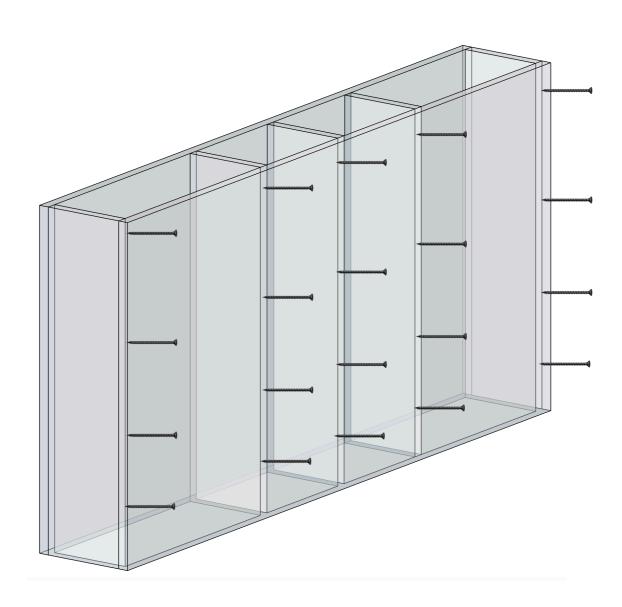






building the basket







fix the basket to the cart with lateral flat bars and screws

