## **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

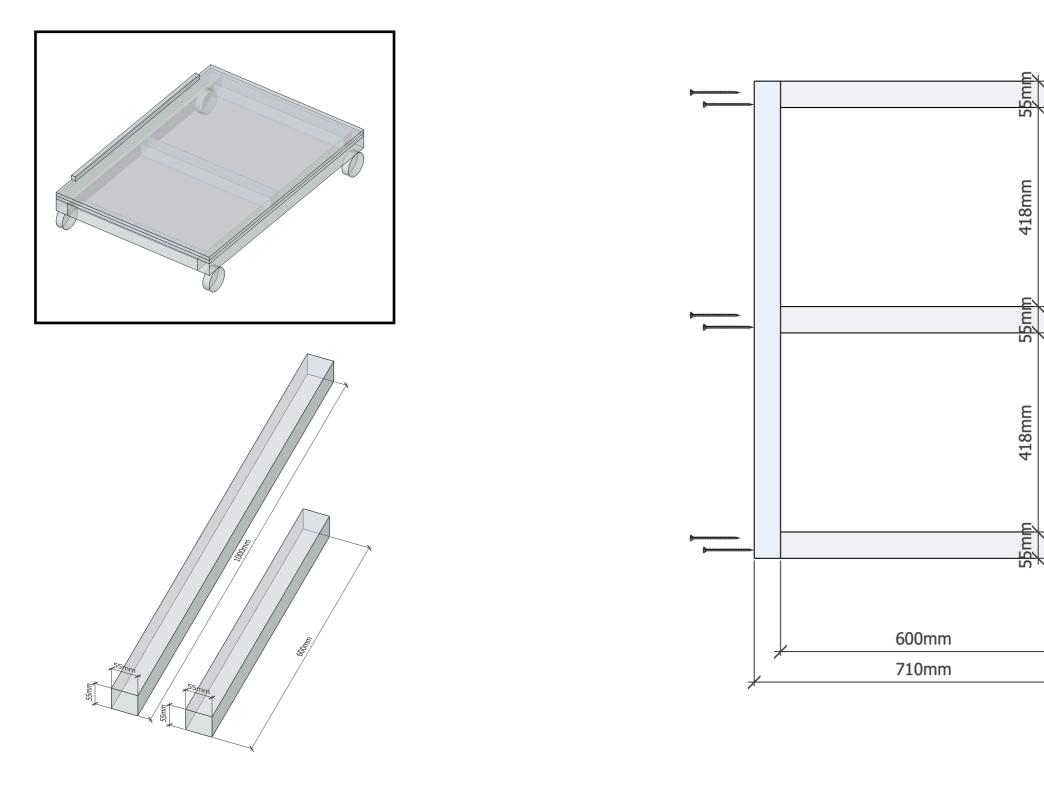
- all panels consist of 15mm plywood
- basic frame consists of 55x55mm spruce
- all joints must be secured with glue and appropriate screws
- soft rubber rollers should be used (steerable and lockable, 100mm diameter)
- primarily designed to vertically store 2000mm boards
- fit through a door
- the cart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



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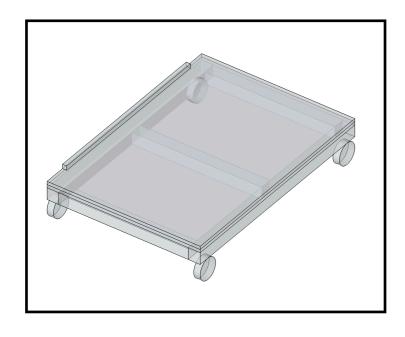
### **Basic Frame**

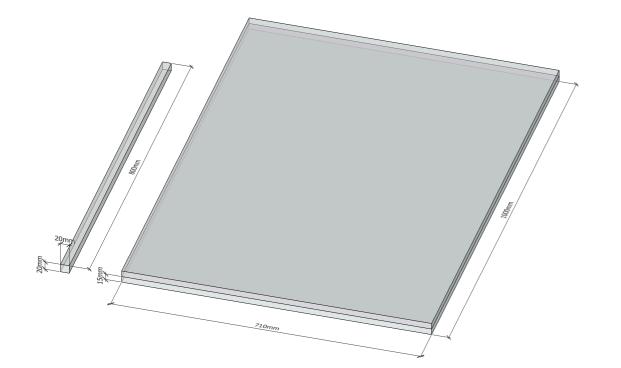


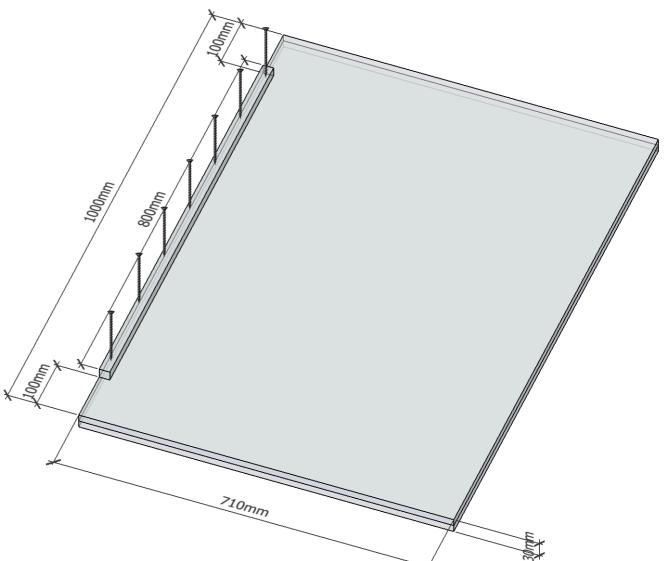


1000mm

### bottom with side support

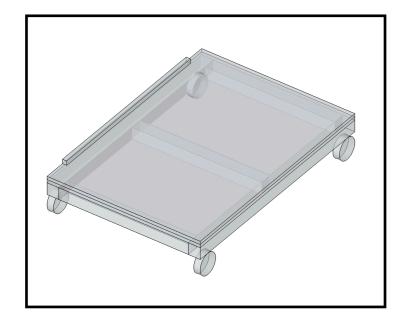


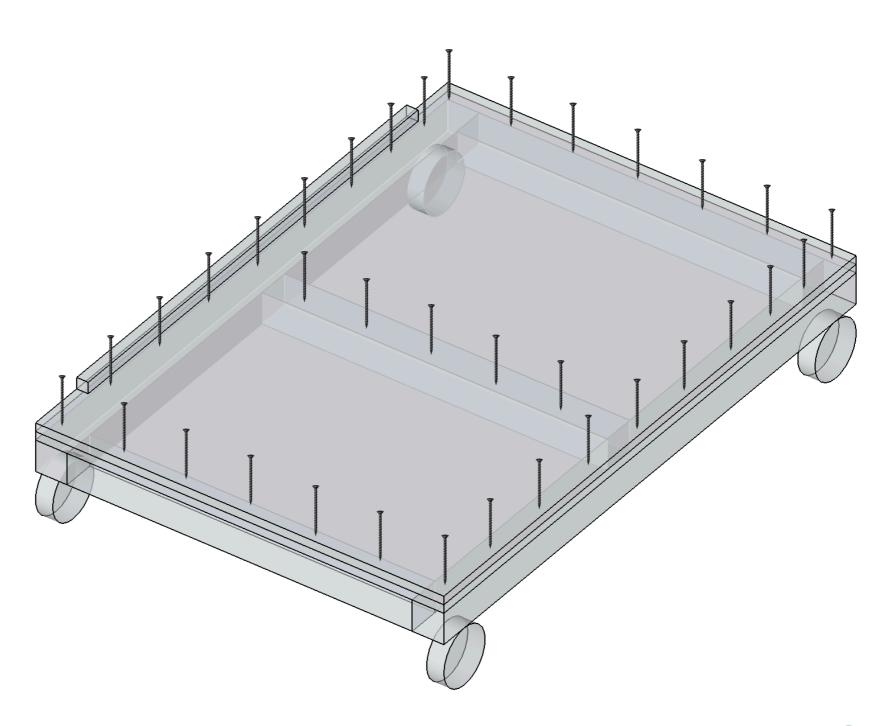




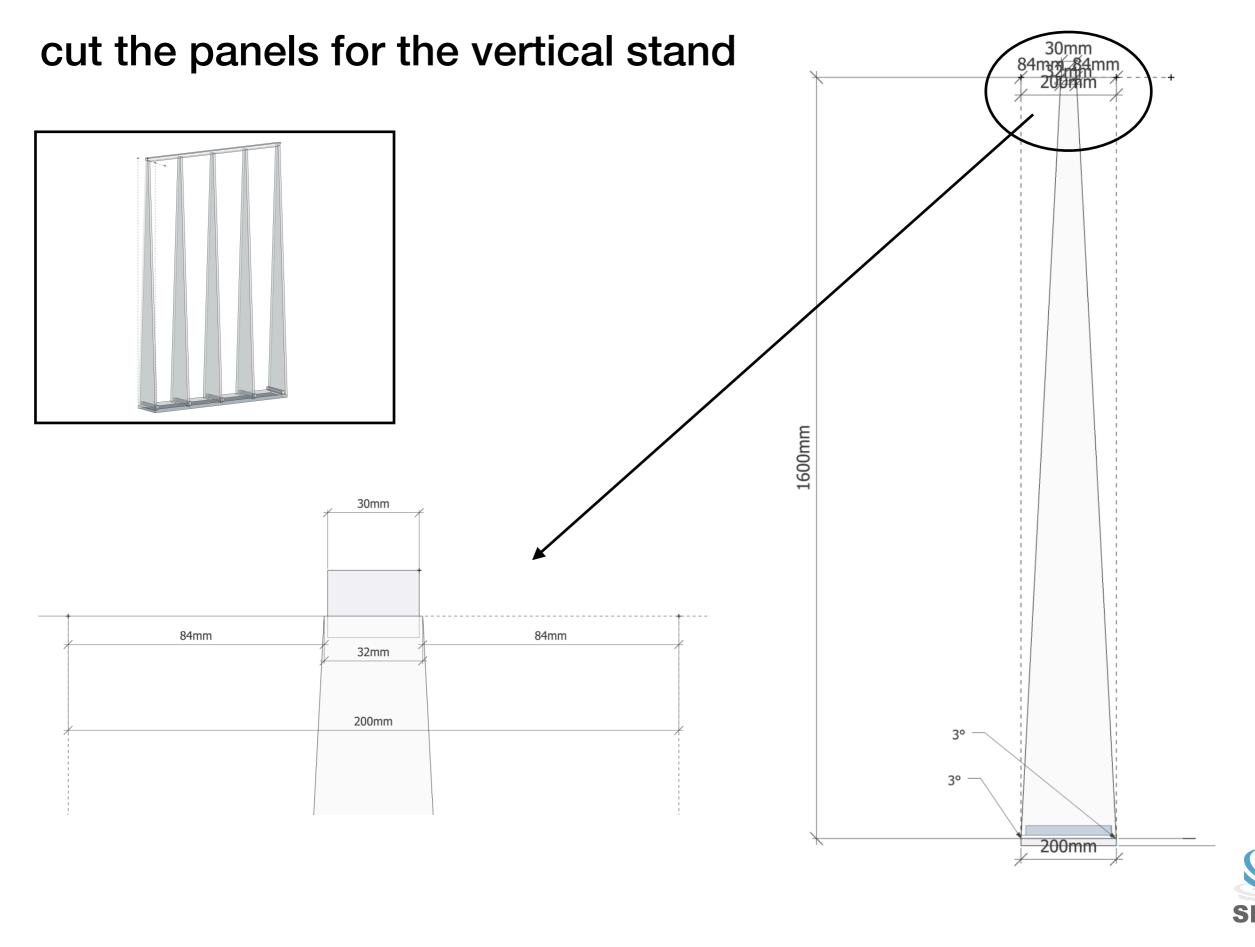


### mounting the bottom and coasters

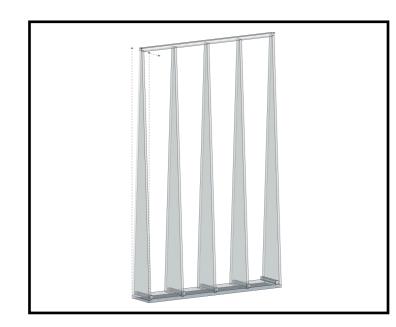


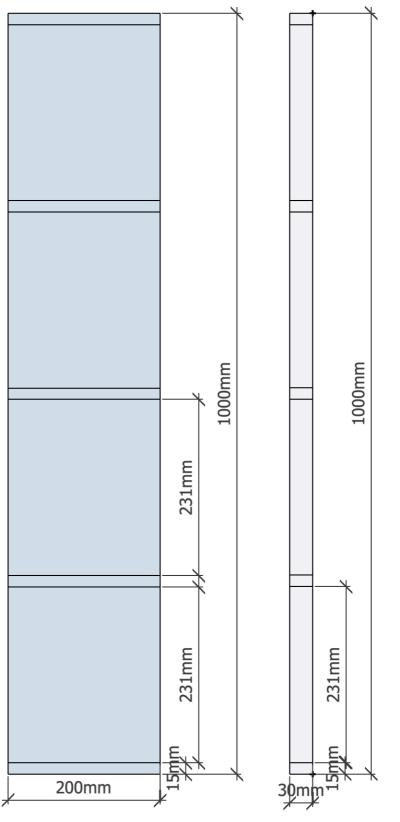






### cut the dados with table saw or router

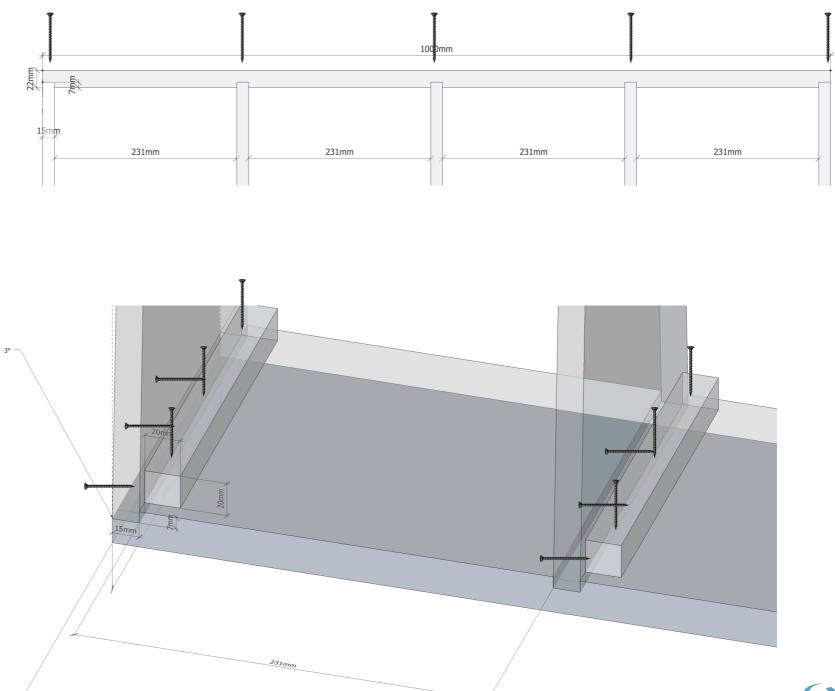






## add brackets for additional support

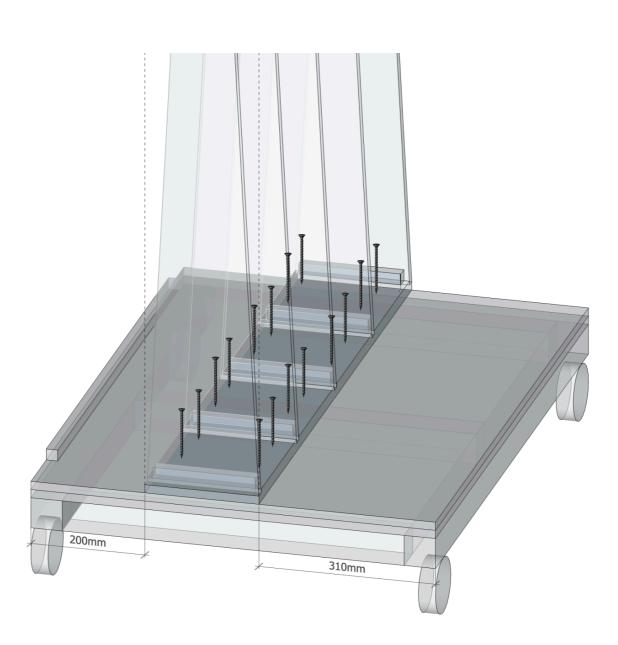






## fix the stand very firmly to the base

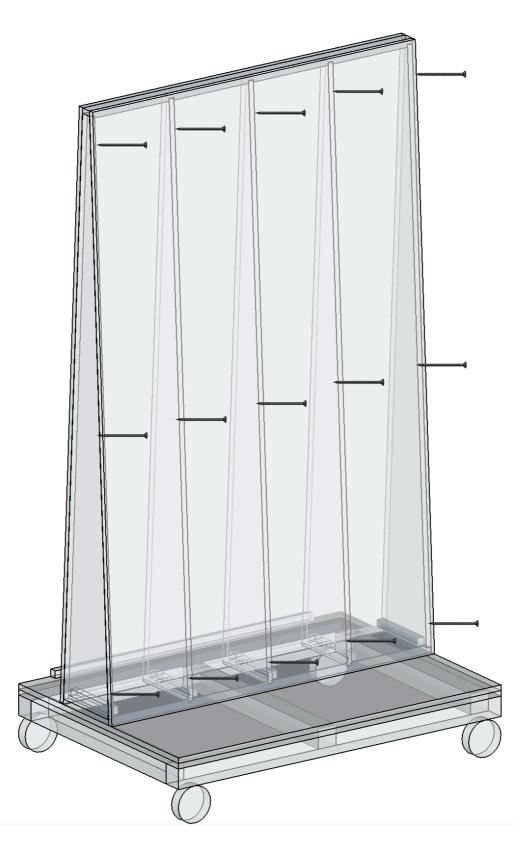


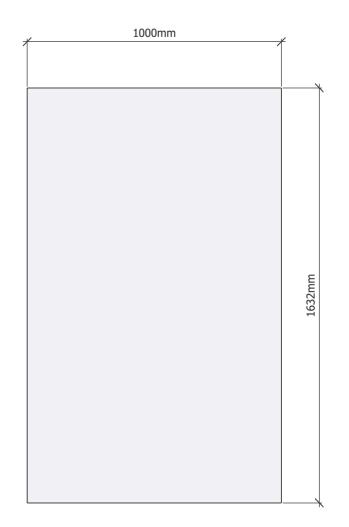




### fix both panels on the skeleton with screws

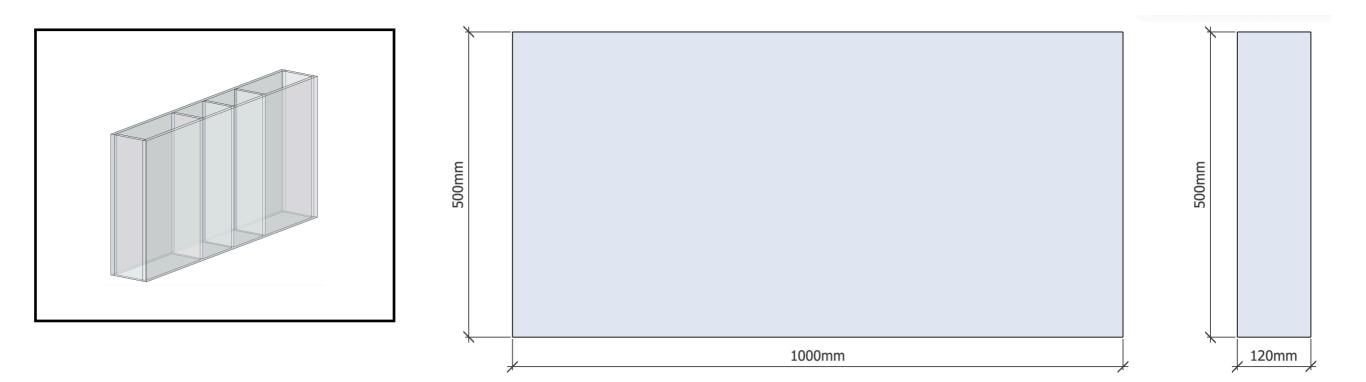


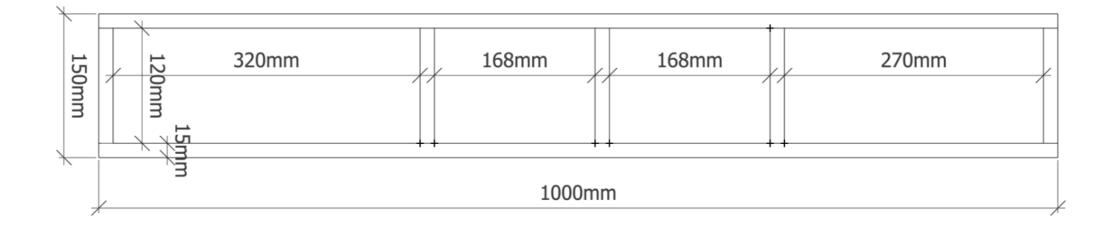






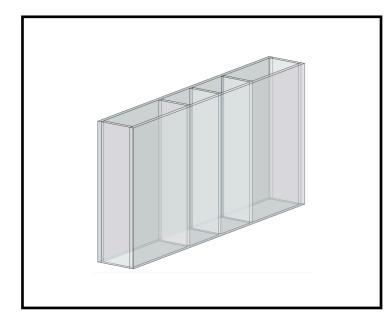
## building the basket

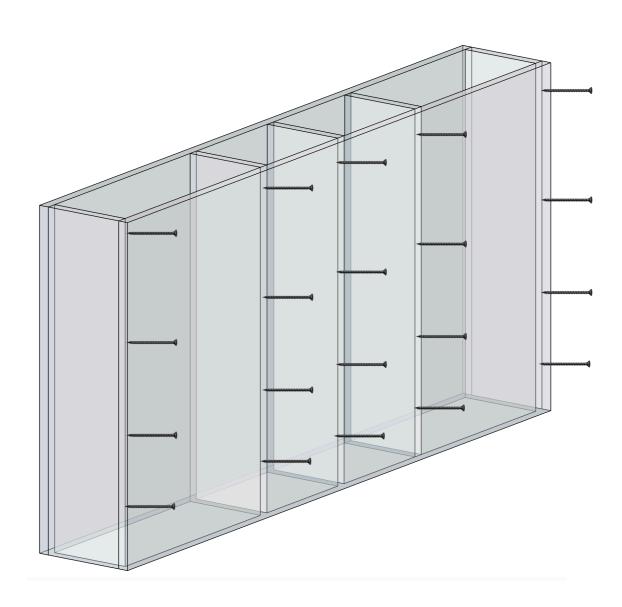






## building the basket







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

