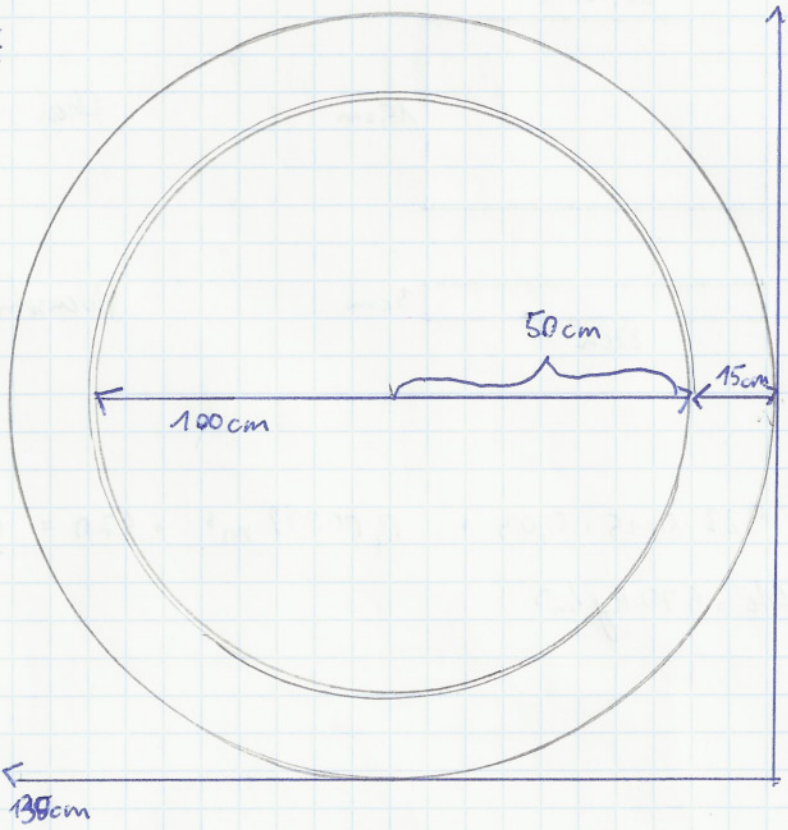
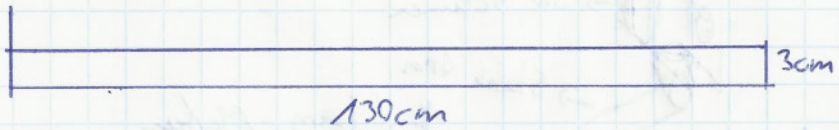
Holzring:



Oben

~~Plat~~



Querschnitt

Gewicht =

$V = \pi \cdot (R^2 - r^2) \cdot h$

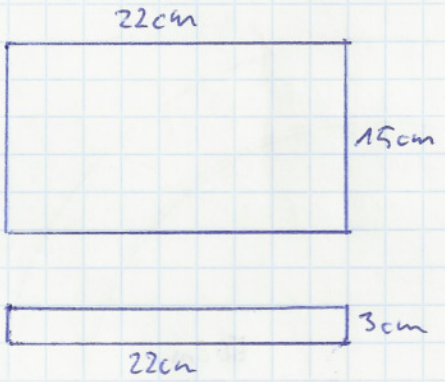
$V = \pi \cdot (65^2 - 50^2) \cdot 3$

$= \pi \cdot (0{,}65^2 - 0{,}5^2) \cdot 0{,}03$

$= 0{,}01626577\ m^3 \Rightarrow \cdot 470 = \underline{7{,}64\ kg}$

Fichte = 470 kG/m³

Plattform:

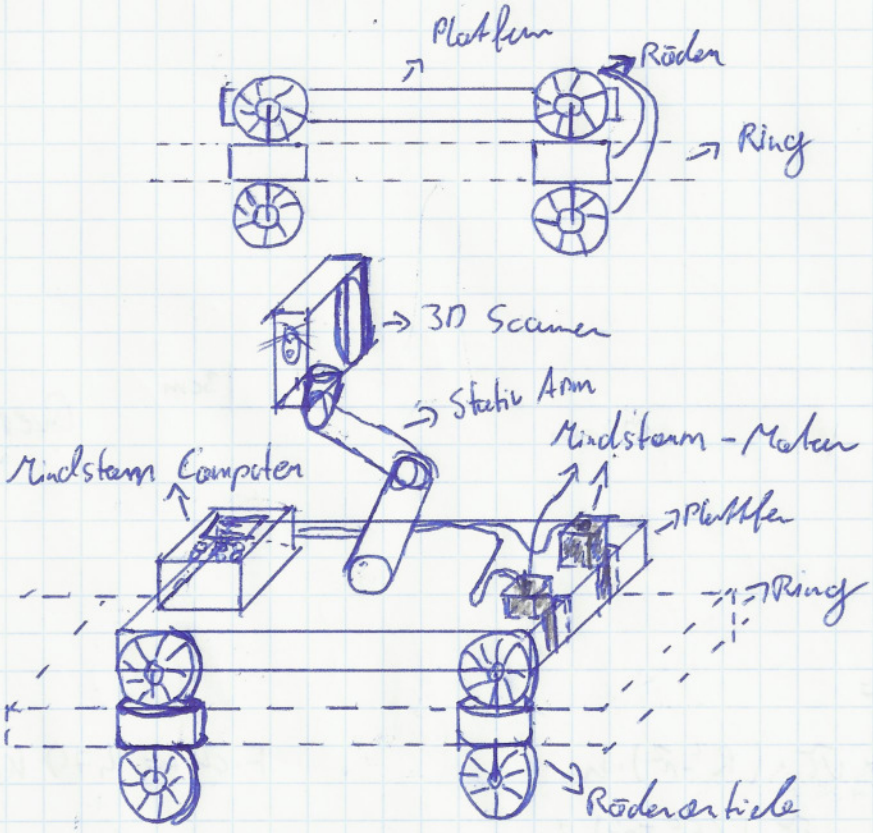


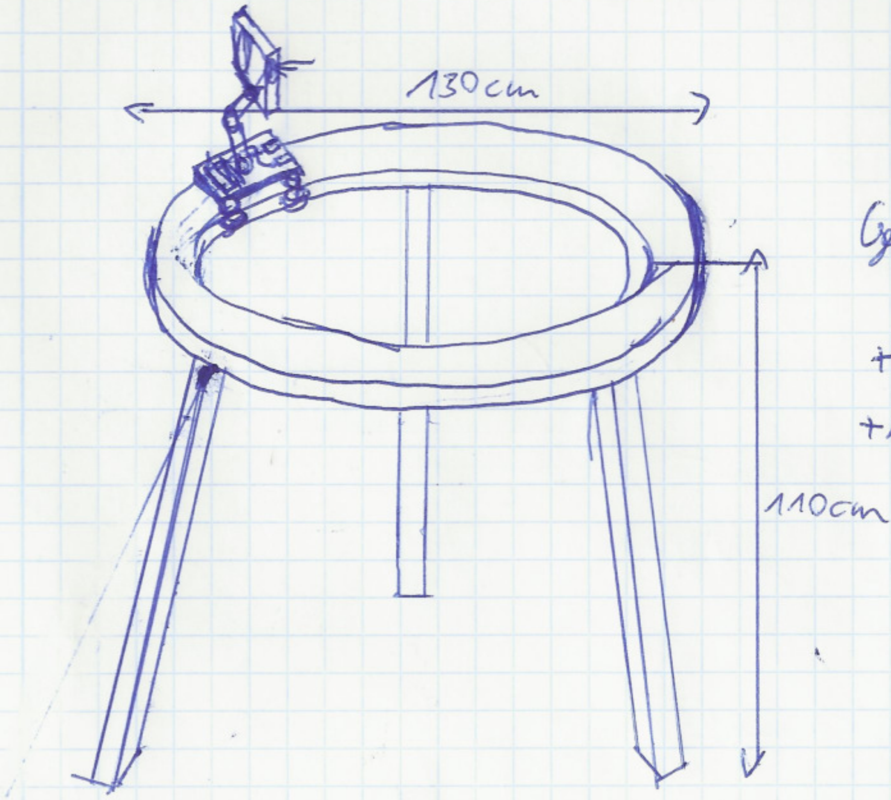
Gewicht =

$V = 0{,}22 \cdot 0{,}15 \cdot 0{,}03 = 0{,}00099\ m^3 \cdot 470 = \underline{0{,}4653\ kg}$

Dichte = 479 kg/m³

Antrieb:





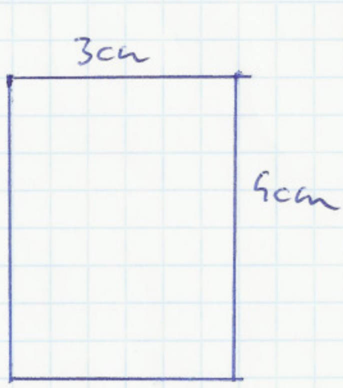
Gesamtgewicht: 10,00039 kg

+ 3DScanner 0,5 kg

+ Motor/Brick/Räder ≈ 1 kg

11,5 kg

Steher:
3mal



Höhe ca. 112cm   Fichte

$V = 1{,}12 \cdot 0{,}03 \cdot 0{,}04 = 0{,}001344\,m^3 \cdot 470 = 0{,}63168$ Kg

$\times 3 = 1{,}89504$ Kg