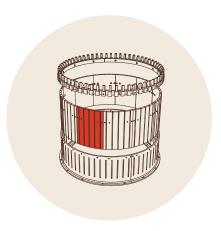
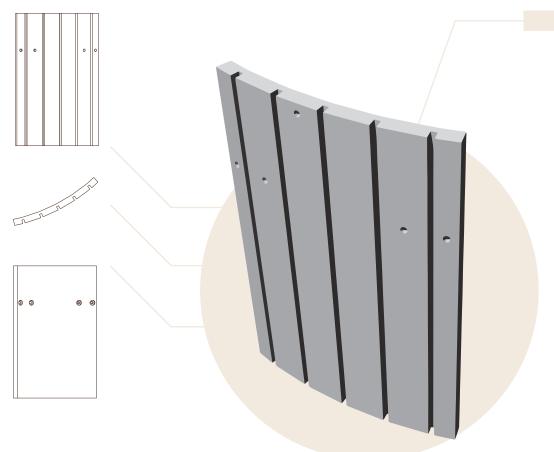


Connect to a plate with: M3,DIN912 hex screw, 12mm, 24; M3 nuts, 24

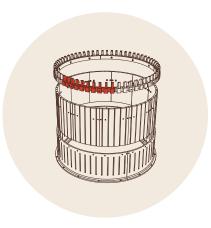




12 x Inner

where the needles go

Connect to an outer with: M2, Philips head screw, 8mm, 16

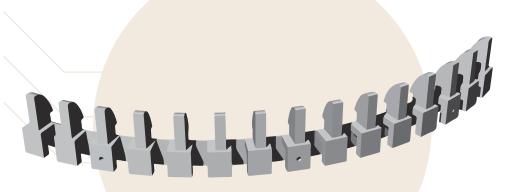




4 x Yarn holder

where the needles go

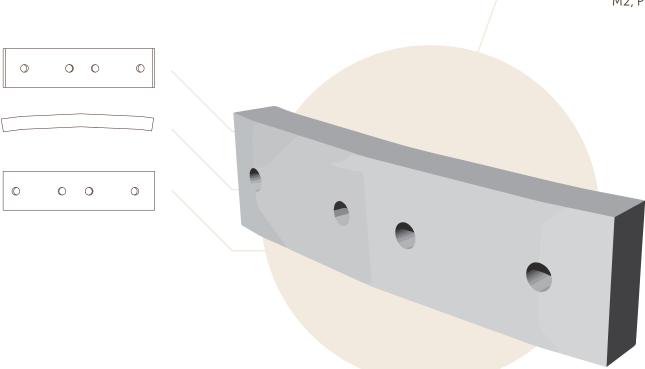
Connect to an outer with: M2, Philips head screw, 8mm, 16

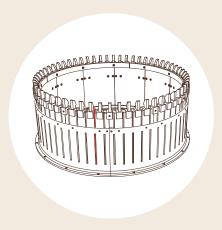


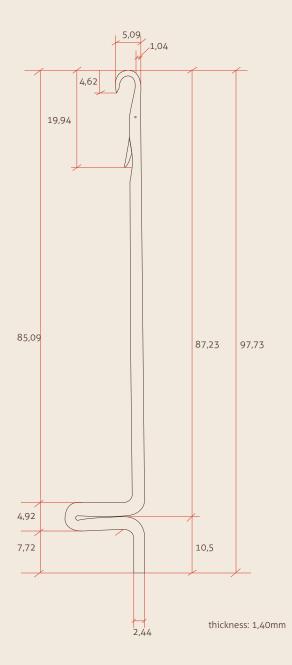




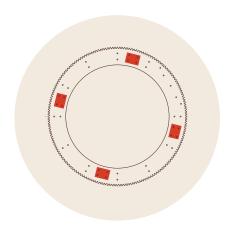
Connect to an outer with: M2, Philips head screw, 12 mm, 16

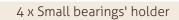




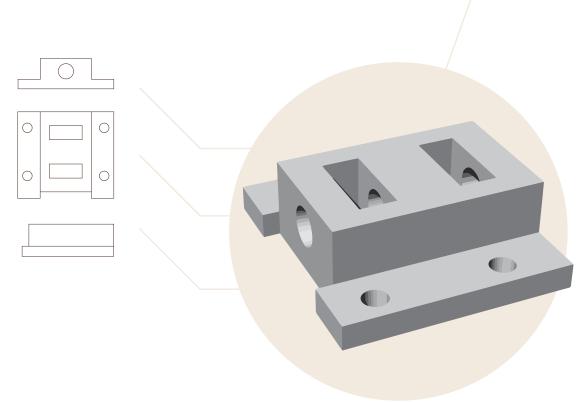


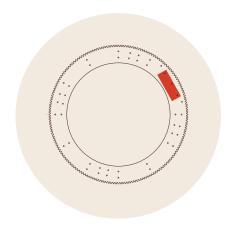
60 x Needle

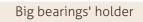




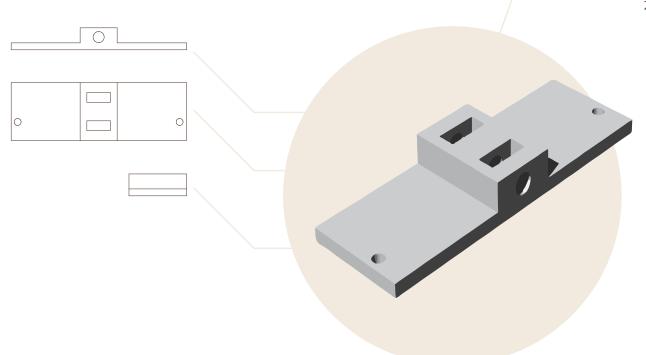
each bearing use: 1 x M5,DIN912 hex screw, 25mm 4 x M3,DIN912 hex screw, 12mm

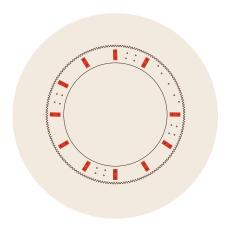






each bearing use: 1 x M5,DIN912 hex screw, 25mm 2 x M3,DIN912 hex screw, 12mm

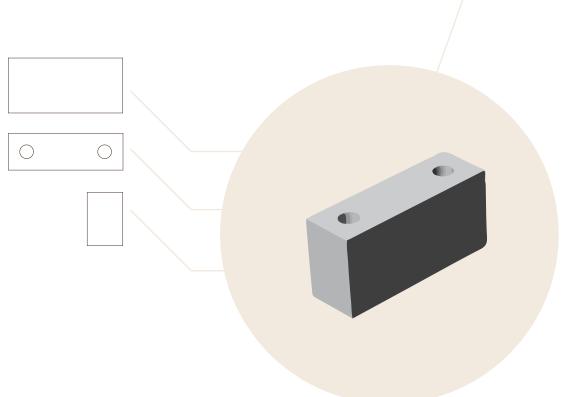


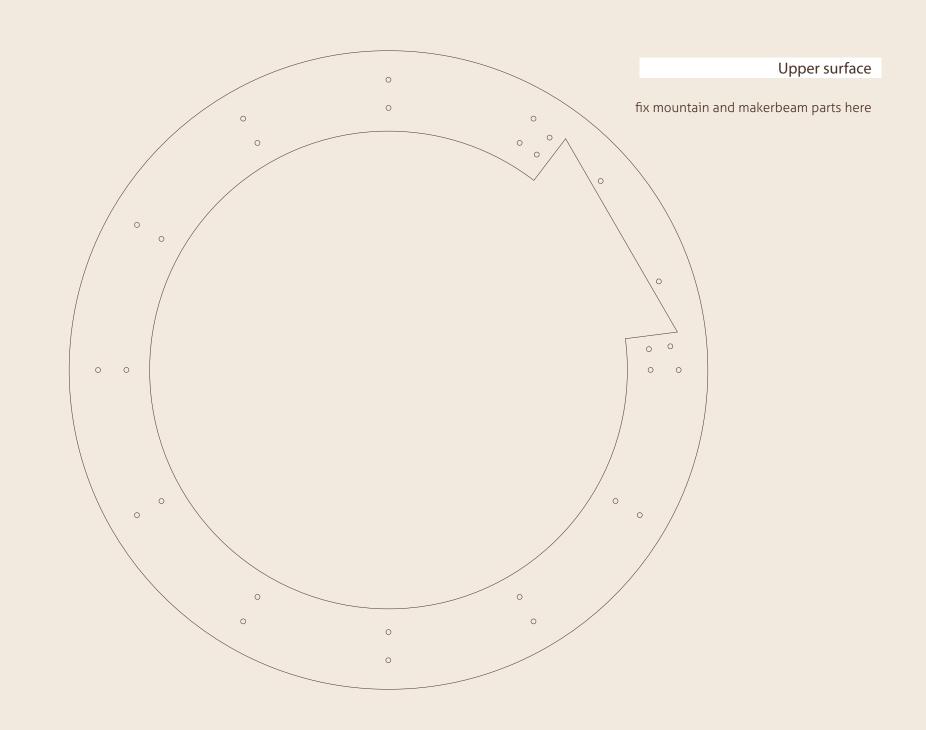


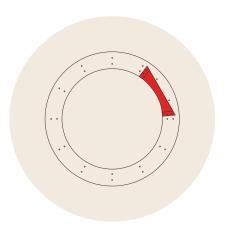


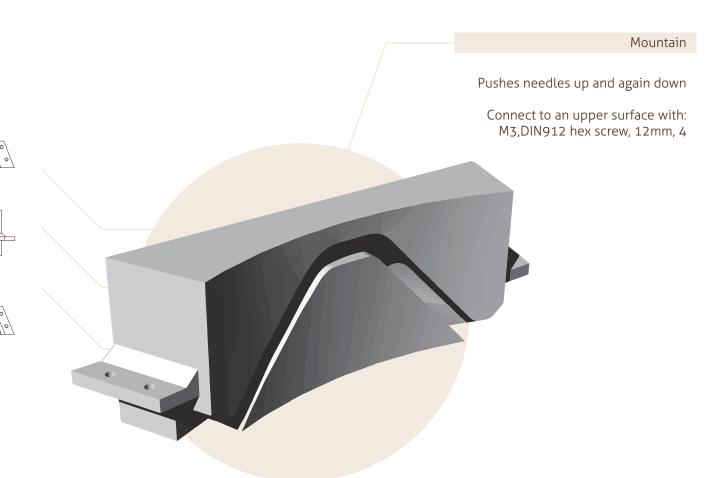
connects upper and bottom plates

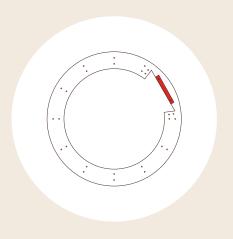
Connect to an upper surface with: M3, DIN912 hex screw, 30mm, 22

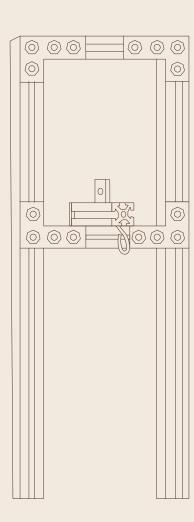










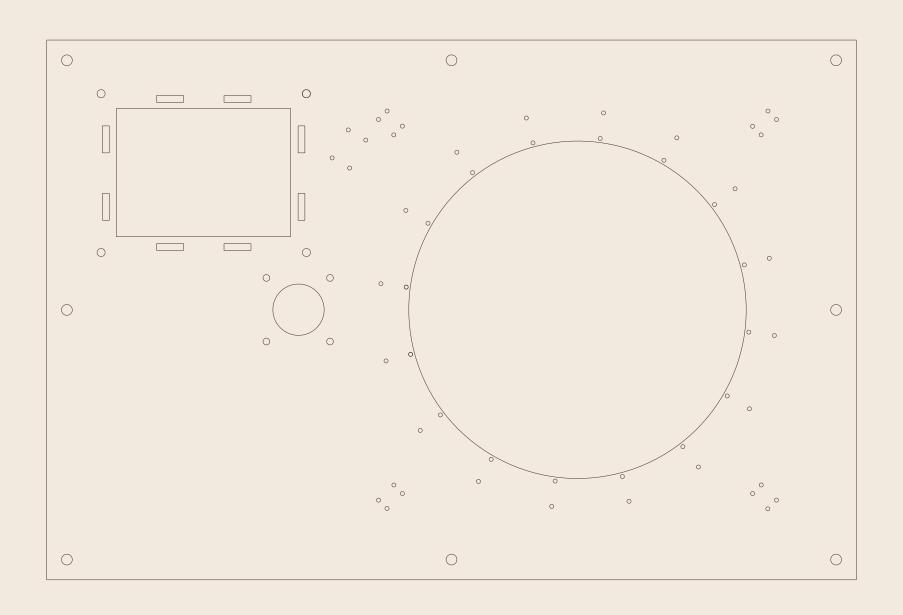


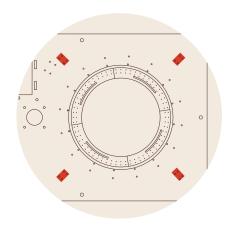
Yarn-feeder

Use 2 x 200mm beam 2 x 60mm beam 1 x 40mm beam made out of makerbeam

Connect to a plate with: M3,DIN912 hex screw, 12mm, 3; Use makerbeam Lshape x 4; makerbeam screws, 15

here will be mounted all the machine parts

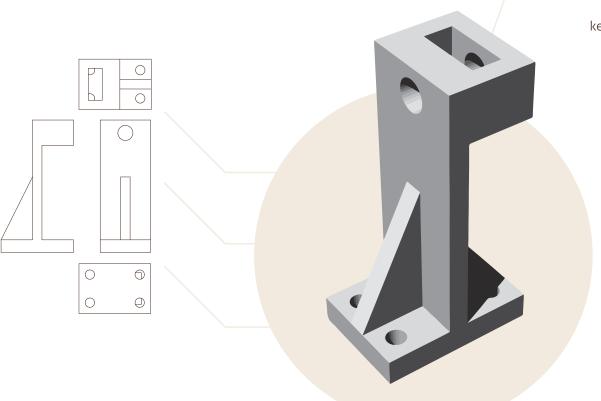




4 x Z-shape

keeps the surfaces down and doesn't allow to move them up

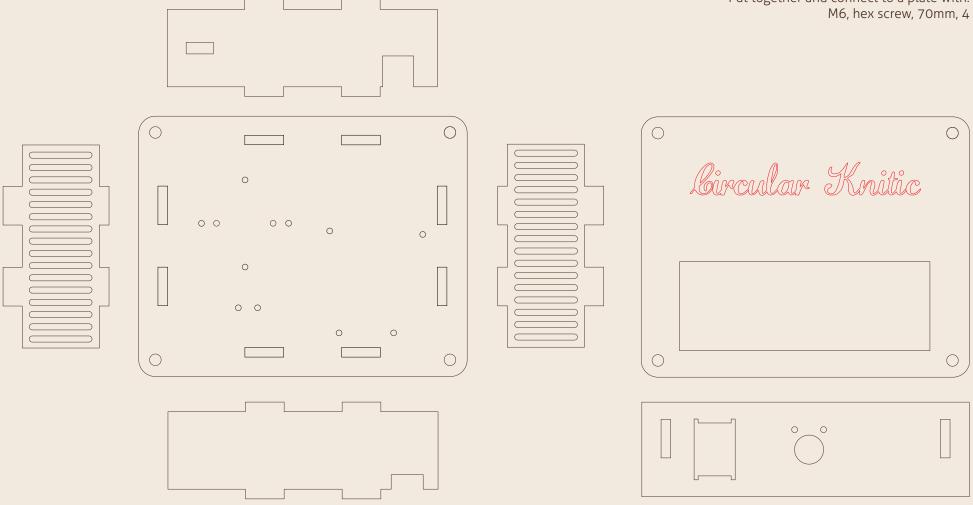
Place a bearing with: M5,DIN912 hex screw, 16mm, 4. Connect to a plate with: M3,DIN912 hex screw, 12mm, 16

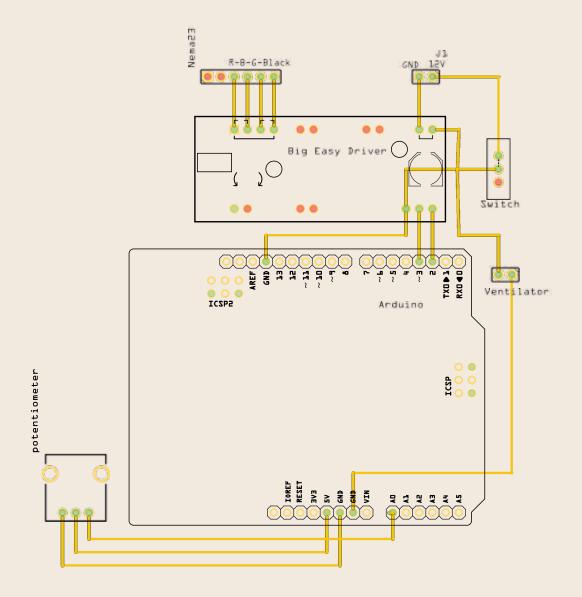


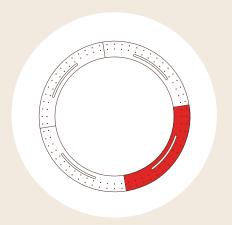
Box of electronics

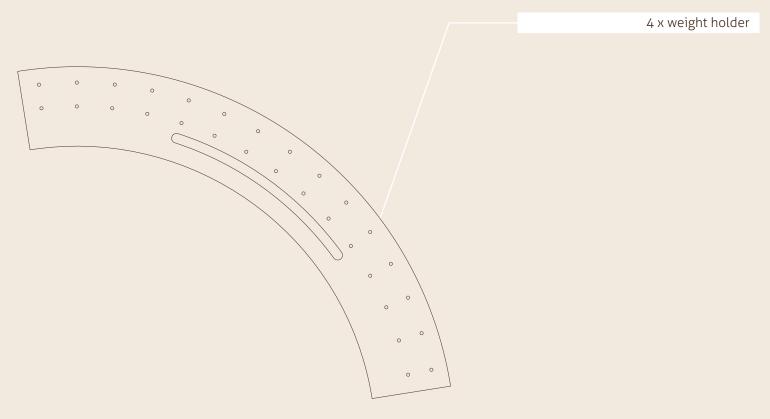
here goes all the cables, basically: stepper motor driver, ventilator, switch, potentiometer, arduino, etc.

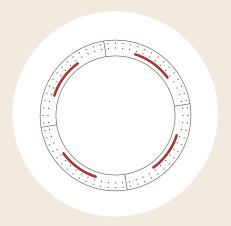
Put together and connect to a plate with: M6, hex screw, 70mm, 4





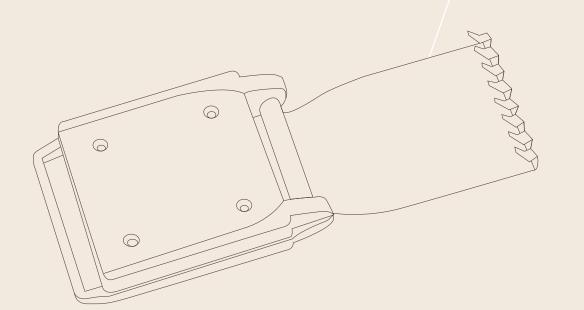


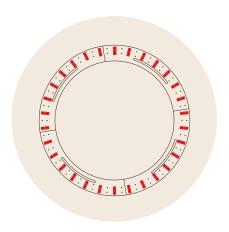


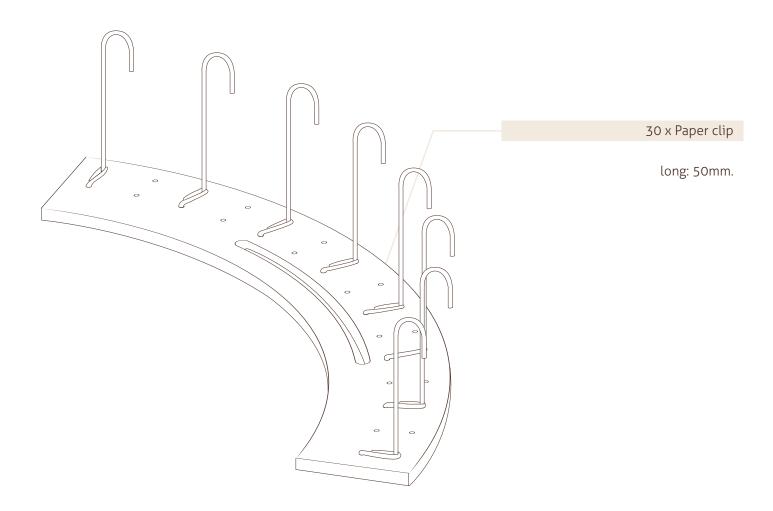


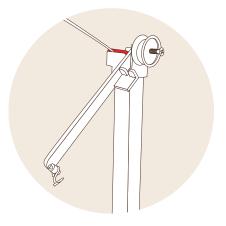


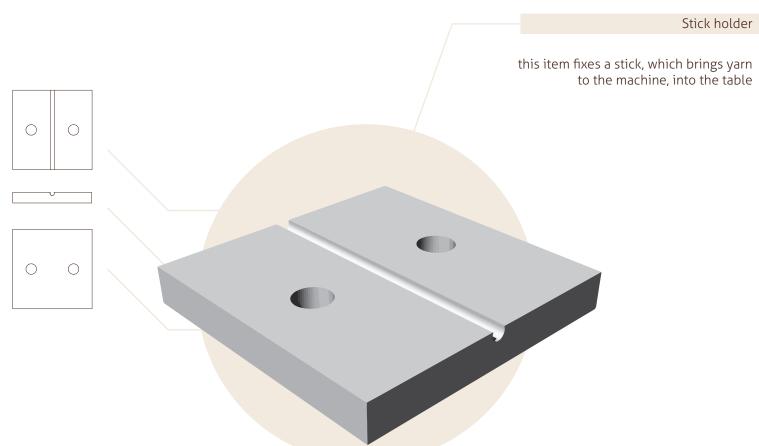
weight: 113g.

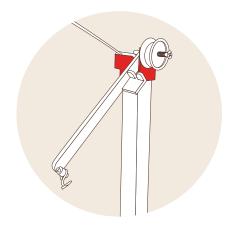






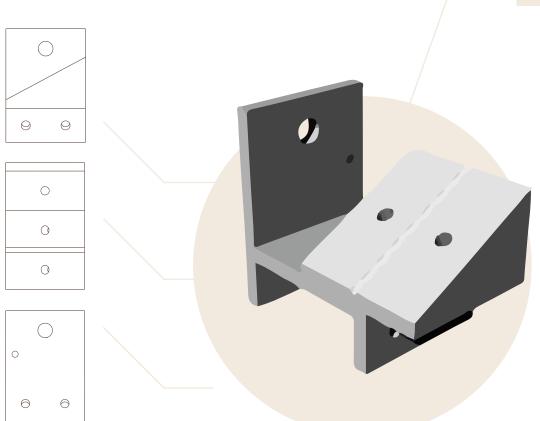


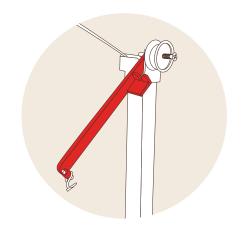


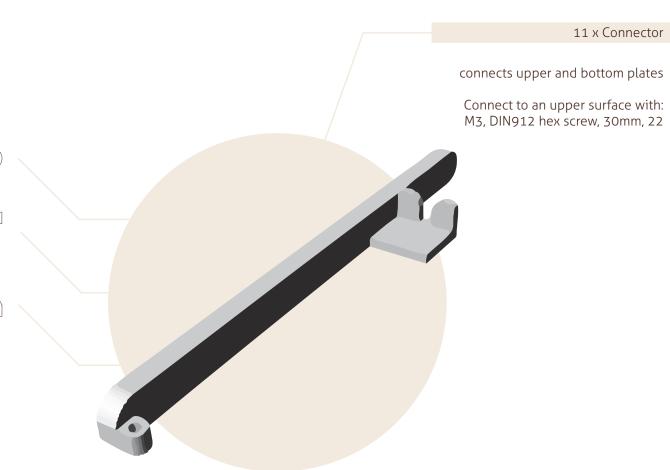




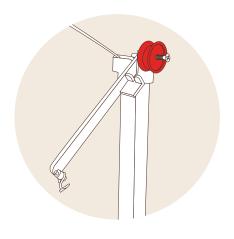
mechnism for yarn tensioner. Connects to the structu







11 x Connector





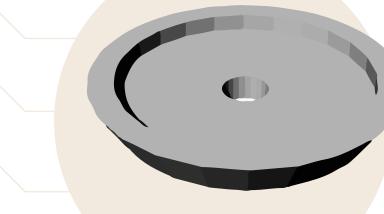
connects upper and bottom plates

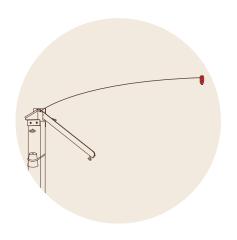
Connect to an upper surface with: M3, DIN912 hex screw, 30mm, 22







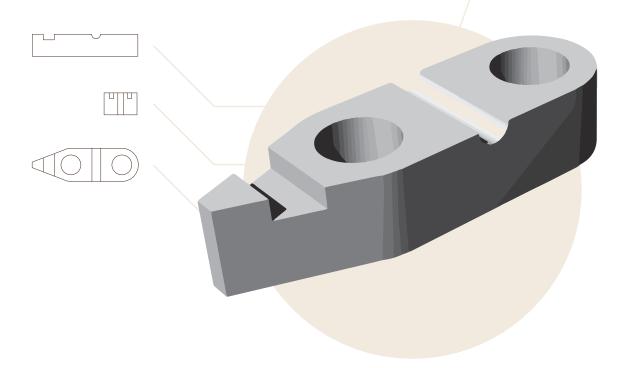


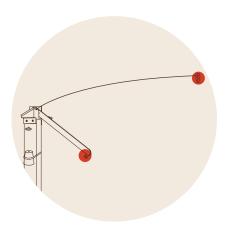


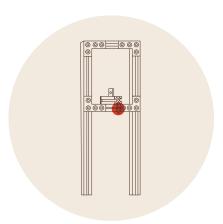
2 x Yarn holder2

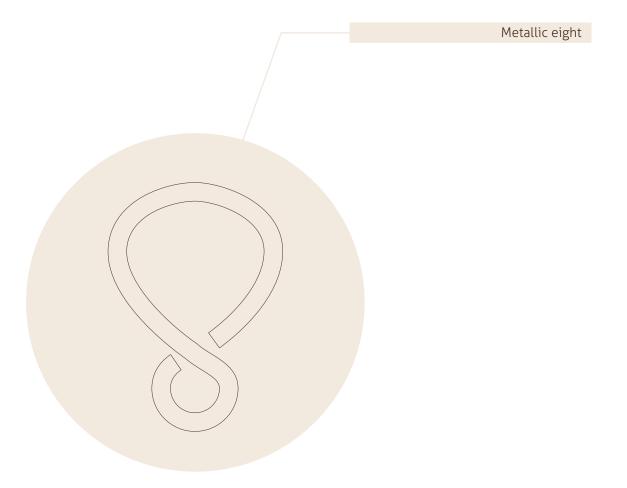
Attach a metal piece for passing the yarn

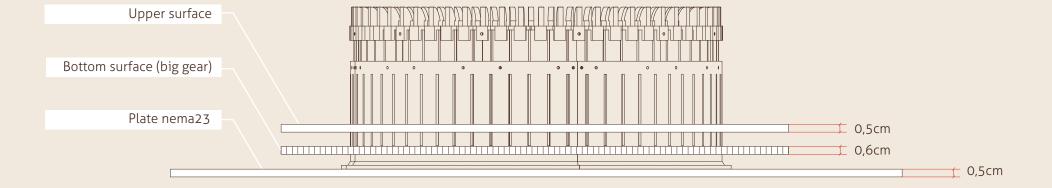
Connect with M3, 8mm, 2

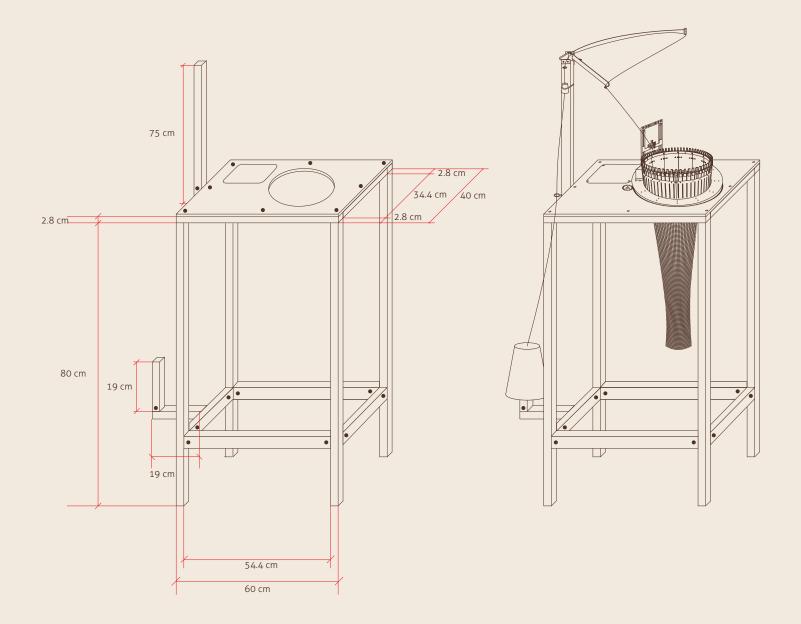




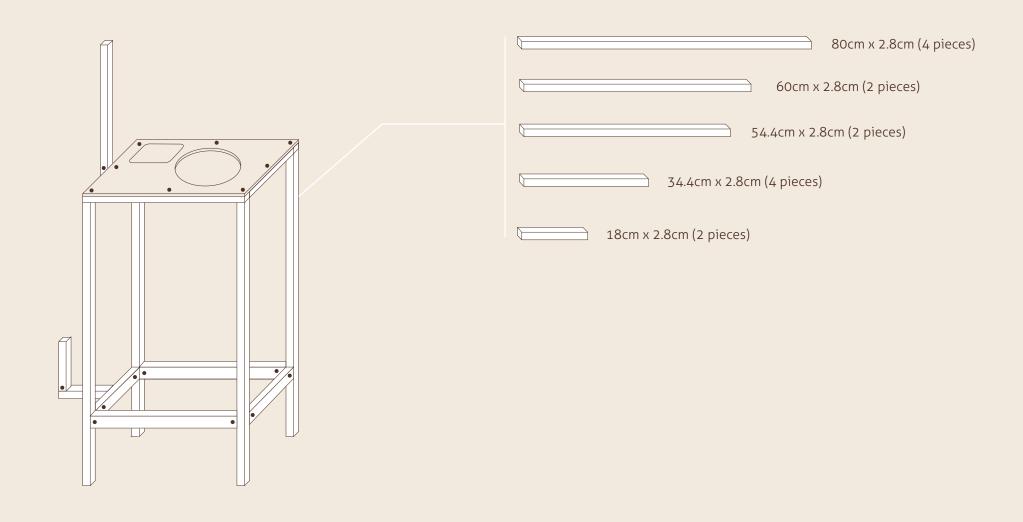








Wood parts to create the machine frame



Screws circular Knitic					
Size	Туре		Long	Quantity	Use
M2	Philips head screw		8mm	16	attach inners with outer
M2	Philips head screw		12 mm	28	attach inners with outer connections, yarn holders
M2	steel nut			44	
M3	Screw button head socket		6mm	24	makerbeam
M3	DIN912 hex screw		12mm	49	attach outers to plexi, and z-shape, small and big bearings' holders, mountain, construction from makerbeam
M3	DIN912 hex screw		16mm	5	attach gear on the stepper motor
M3	DIN912 hex screw		30mm	22	attach gear wheel with spacers
M3	steel nut			94	
M5	DIN912 hex screw		16mm	8	attach stepper motor
M5	DIN912 hex screw		25mm	5	attach bearing
M5	steel nylon lock nut			4	
M5	Philips head		50mm	1	
246				,	and the second the second seco
M6	hex screw		70mm	4	mount the electronic box mount the electronic box
M6	steel nut			4	mount the electronic box
M6	wing steel nut			4	mount the electronic box
3,0	hospa screws		20mm	94	mount wood frame
Others					
Others					
	metallic angle	30x30 x	< 15 x 2cm	25	mount wood frame



Curated by

David Cuartielles

20th December 2014 - 31th July 2015

Commissioned by



More info

www.knitic.com - www.var-mar.info