

Trabalho Final de Projeto e Manufatura Assistida por Computador

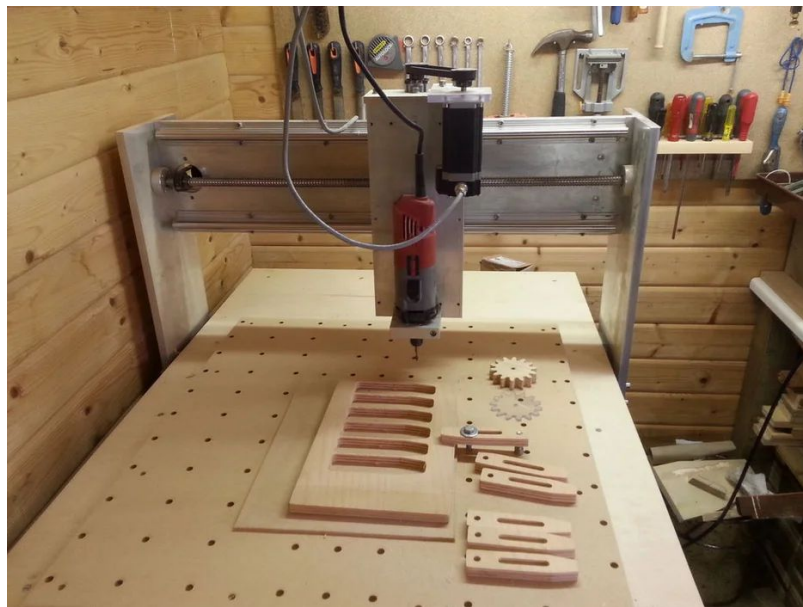
Fresadora CNC

Integrantes:

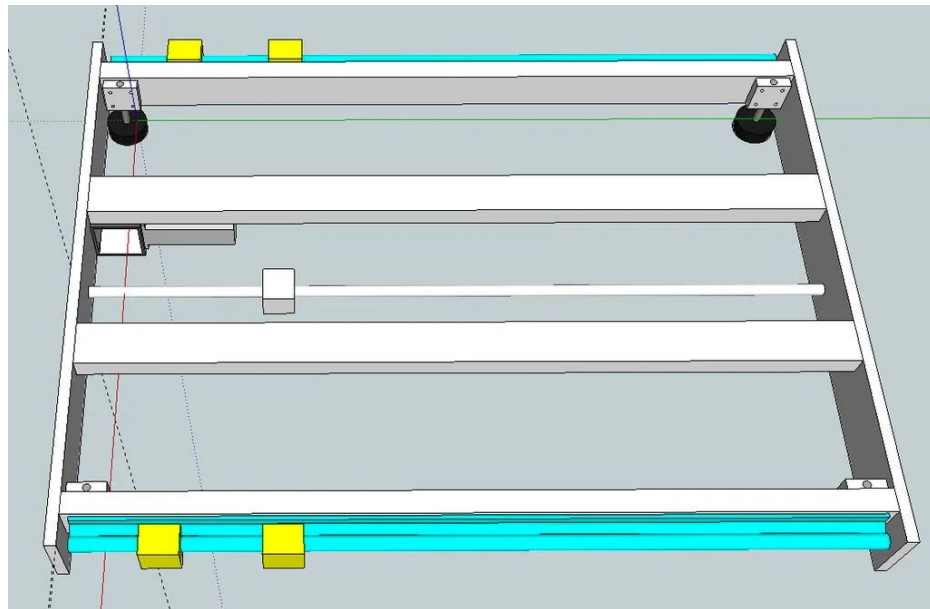
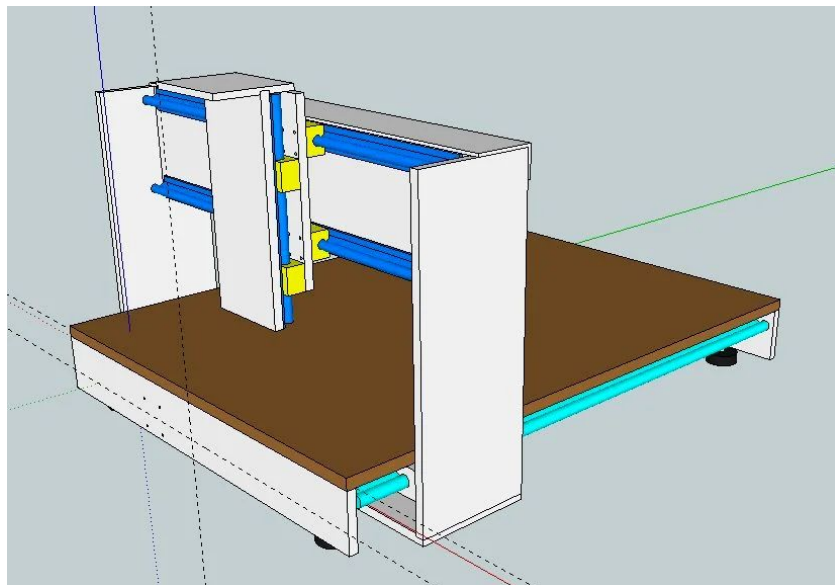
- Bruna Zamith, 628093
- Guilherme Servidoni, 727339
- Leticia Amaral, 628190
- Vinicius Oliveira, 628263

Baseado em:

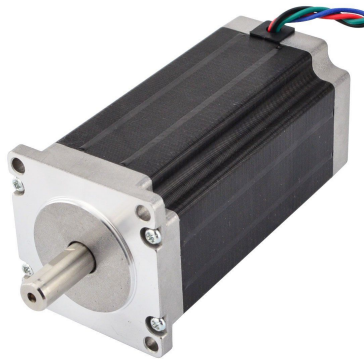
<https://www.instructables.com/id/Building-a-CNC-router/>



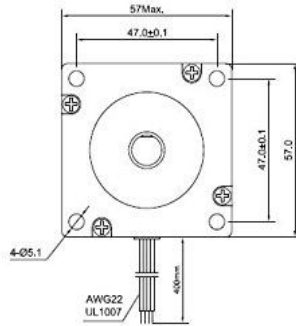
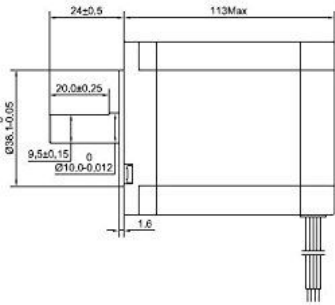
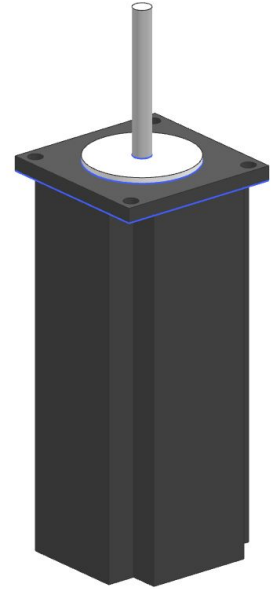
Imagens disponíveis no site



Imagens disponíveis no site

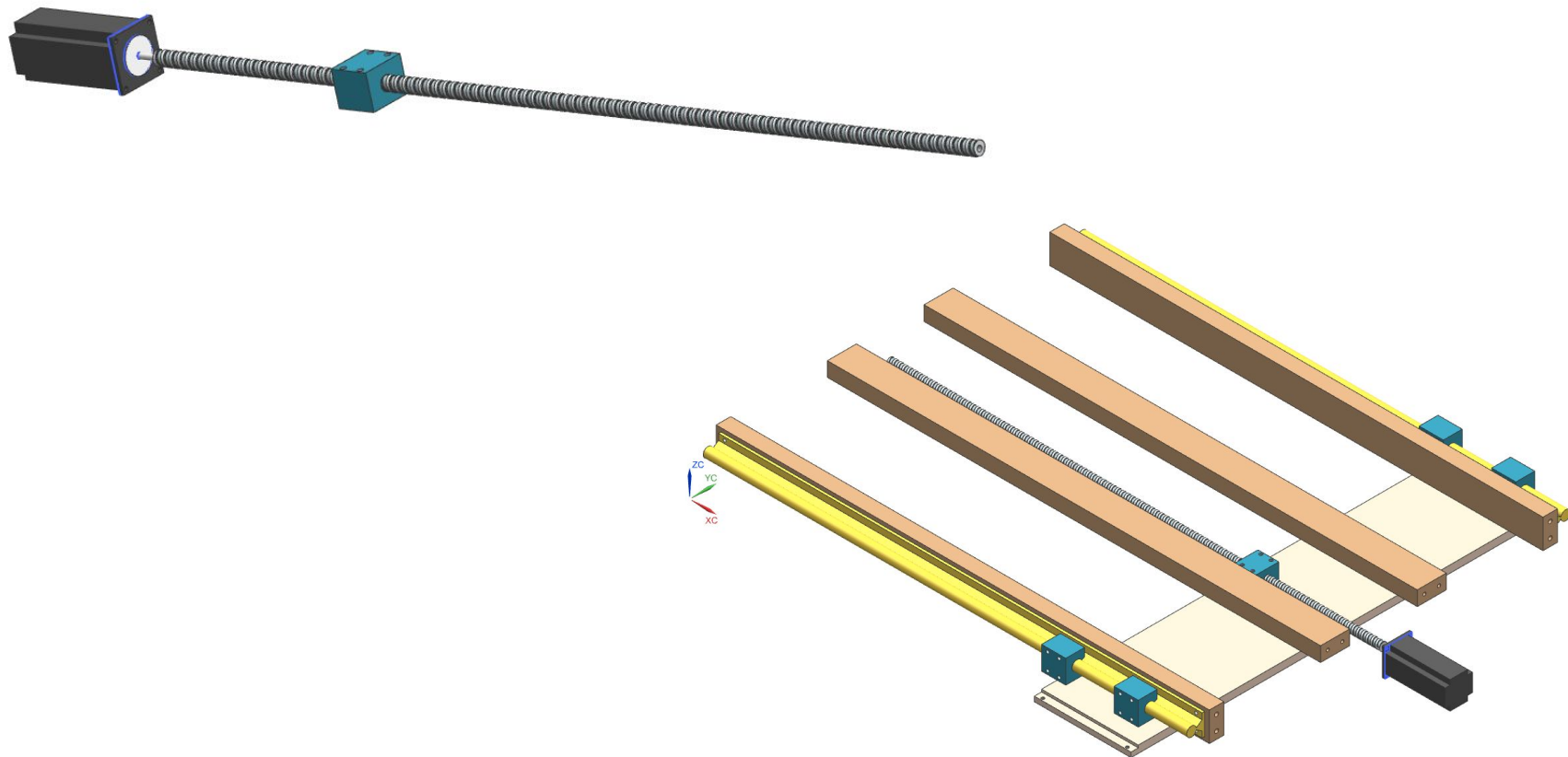


High Torque Nema 23 CNC Stepper Motor 1.8 deg. step angle(200 steps/rev)

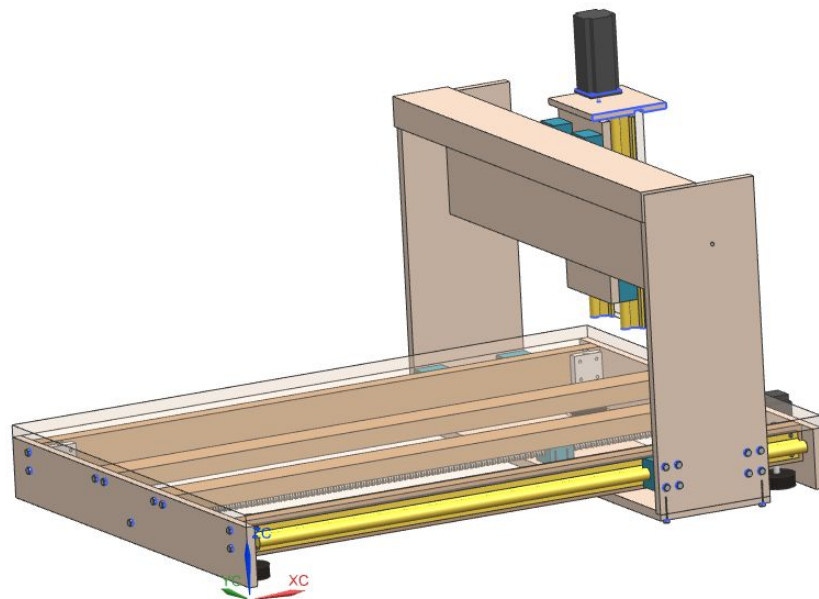
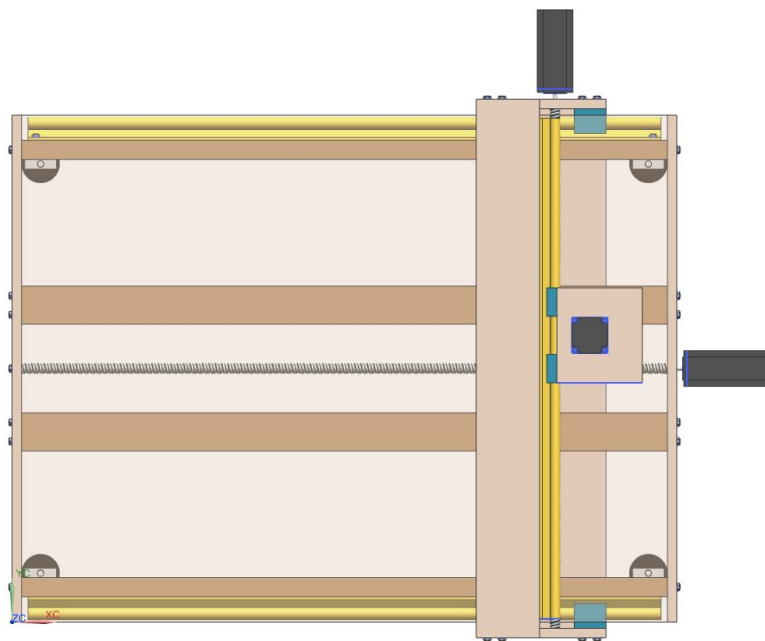


<https://www.electromate.com/products/stepper-motors/nema-explosion-proof-stepper-motors/>

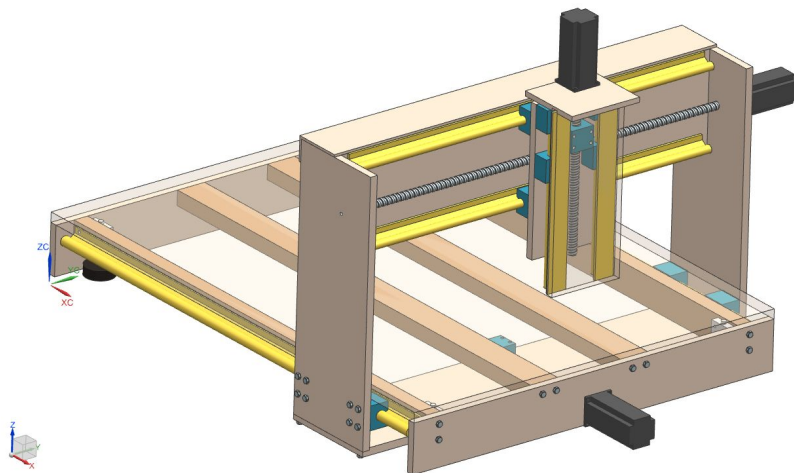
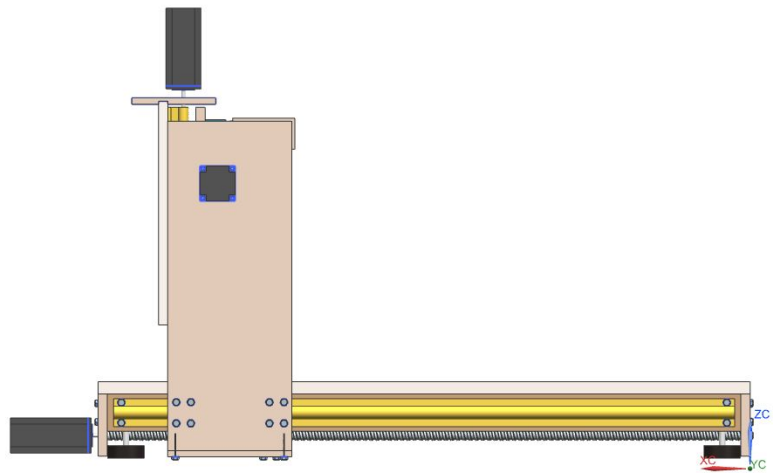
Resultado - Motor



Resultado - Eixo X



Resultado - Assembly



Resultado - Assembly

Base inferior (1)

Suporte lateral Inferior (2)

Pezinho (4)

Suporte da base inferior (3)

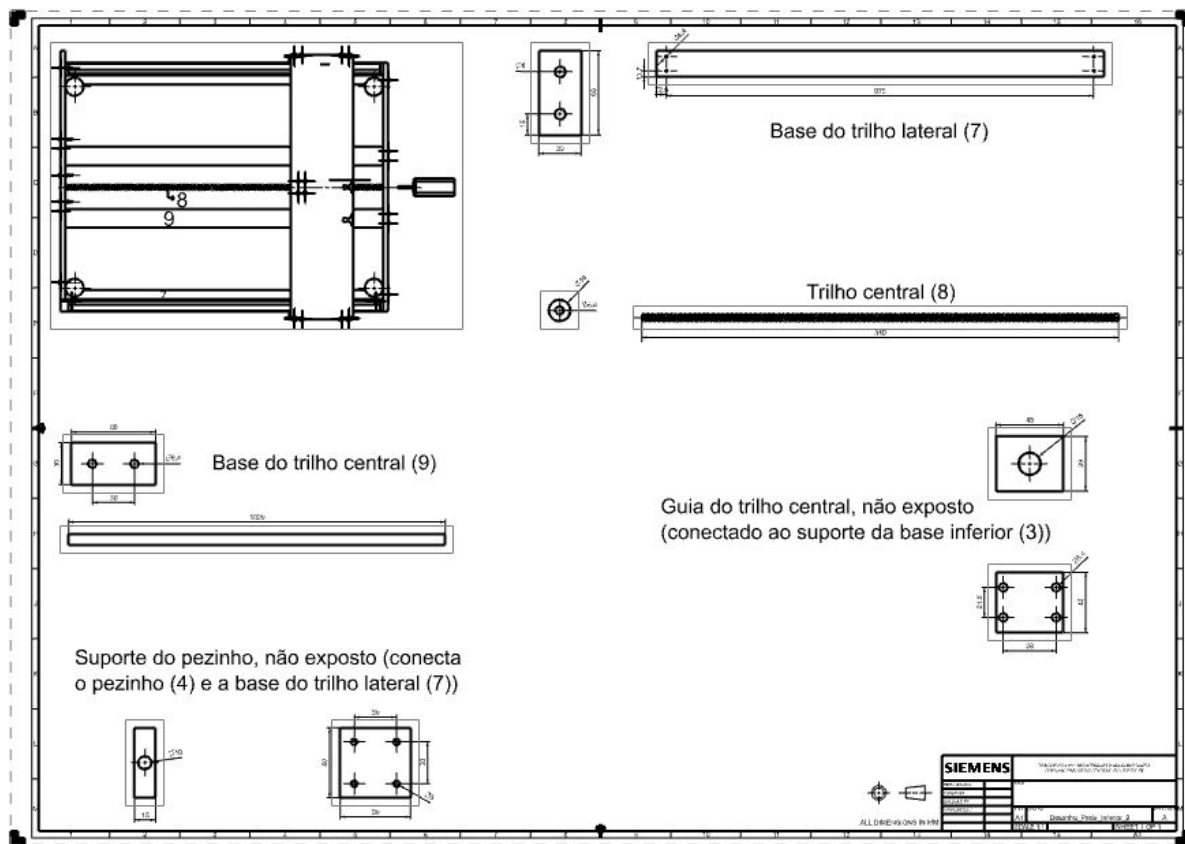
Trilho lateral (5)

Guia do trilho lateral (6)

The drawing includes an exploded perspective view at the top left showing the assembly of components 1 through 6. Component 1 is the main base plate (1060x800). Component 2 is a side support bracket (500x150). Component 3 is a base support bracket (400x150). Component 4 is a small pin (Ø10). Component 5 is a side rail (1000x30). Component 6 is a side rail guide (45x15). Detailed views show dimensions and mounting points for each part.

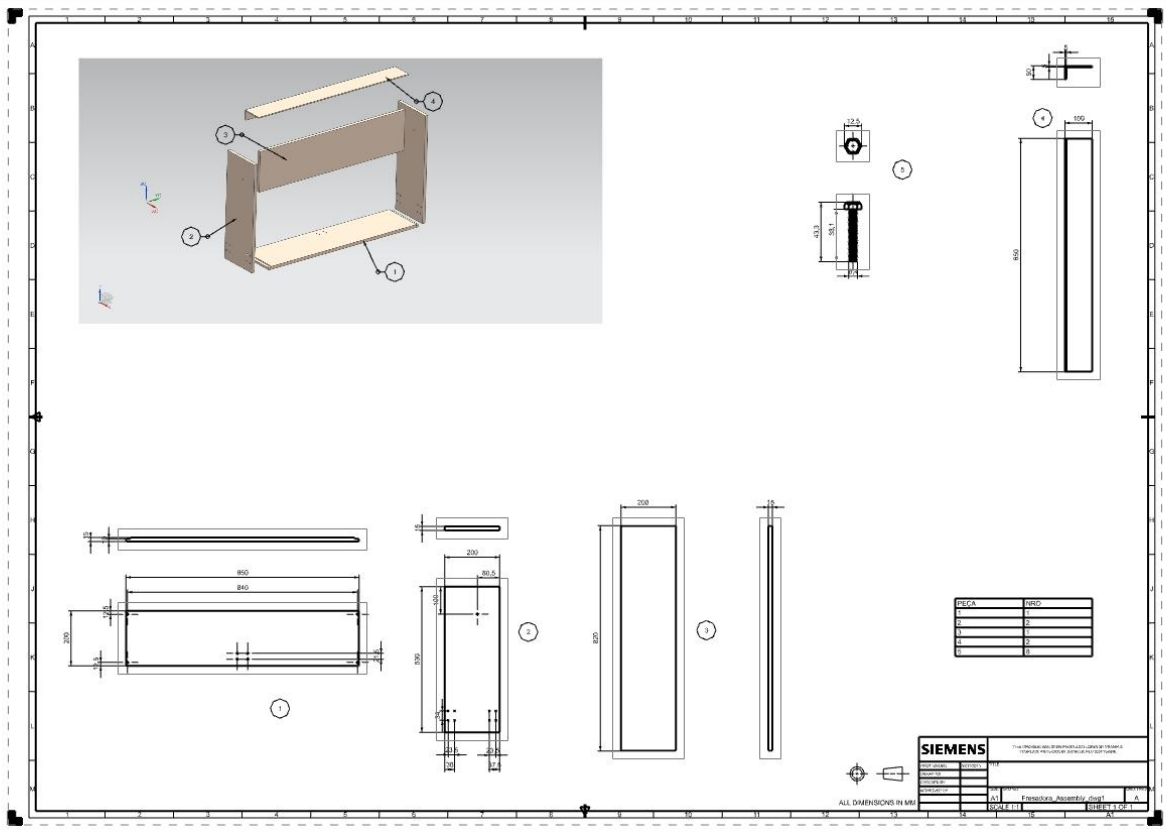
SIEMENS		Tubo condutor de fibra óptica para rede elétrica 1060x800x1500 mm - 1060x800x1500 mm - 1060x800x1500 mm	
REF:	1060x800x1500	QTD:	1
DETALHE:	1060x800x1500	QTD:	1
NOTAS:			
ALL DIMENSIONS IN MM			
Requisitos para o tubo		Material	
1. O tubo deve ser feito de material resistente à corrosão e ao fogo. 2. O tubo deve ter uma espessura mínima de 1,5 mm. 3. O tubo deve ter um diâmetro interno mínimo de 10 mm. 4. O tubo deve ter um comprimento máximo de 1500 mm. 5. O tubo deve ter uma temperatura máxima de operação de 100°C.		1. O tubo deve ser feito de material resistente à corrosão e ao fogo. 2. O tubo deve ter uma espessura mínima de 1,5 mm. 3. O tubo deve ter um diâmetro interno mínimo de 10 mm. 4. O tubo deve ter um comprimento máximo de 1500 mm. 5. O tubo deve ter uma temperatura máxima de operação de 100°C.	

Parte inferior (peça 2/2)



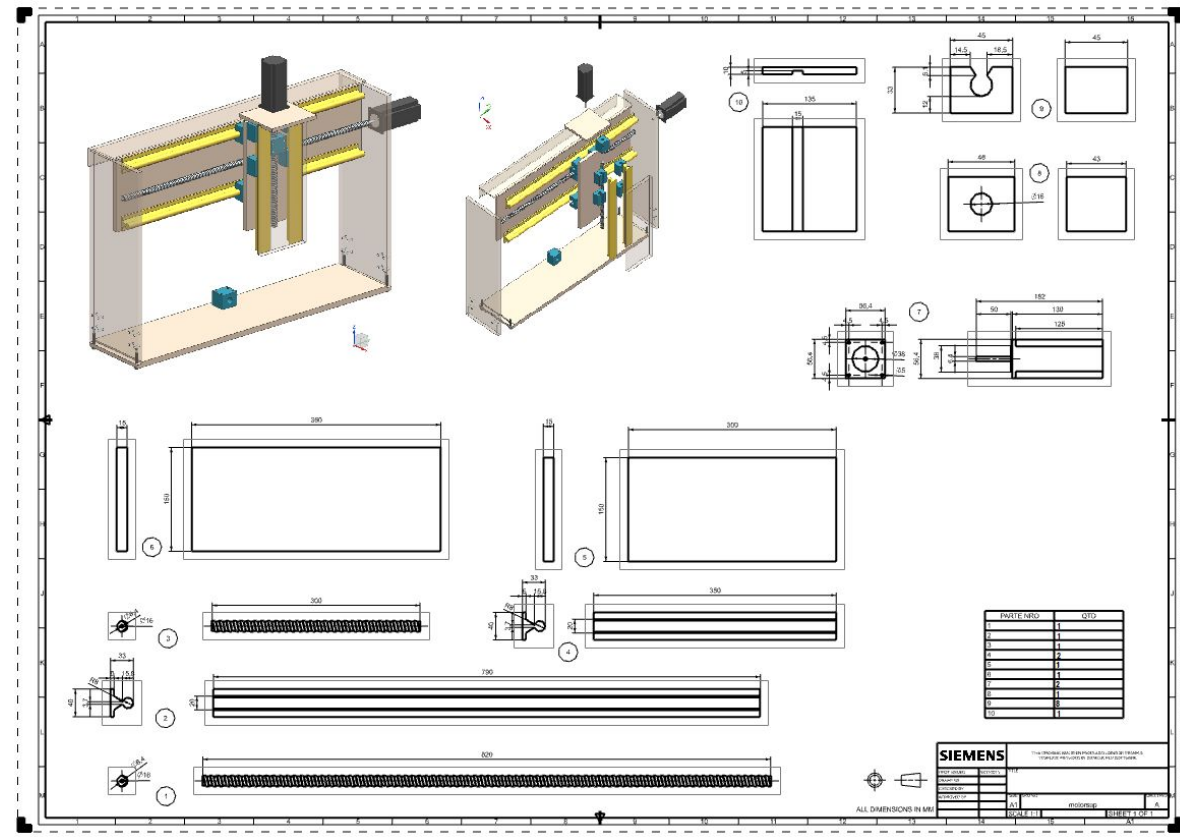
Resultado - Drafts

Parte superior (peça 1/2)



Resultado - Drafts

Parte superior (peça 2/2)



Resultado - Drafts